

2016-17 UNIFIED PLANNING WORK PROGRAM

TRANSPORTATION PLANNING ACTIVITIES

Community Development Department

Municipality of Anchorage

Approved 19 November 2015

COMMITMENT TO NONDISCRIMINATION

It is the policy of AMATS, in accordance with Title VI of the Civil Rights Act of 1964 (42 USC 2000d et seq, Non-discrimination on Basis of Race, Color, or National Origin), and other related non-discrimination statutes and regulations listed below, that no person shall, solely on the grounds of race, color, national origin, or gender, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any transportation planning program or activity regardless of whether AMATS receives federal assistance from the U.S. Department of Transportation, including the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA).

Individuals with disabilities or those in need of language assistance can receive appropriate services by submitting a request at least seven days prior to a meeting. Please contact amatsinfo@muni.org or call 907.343.7996.

For additional information on Title VI and Environmental Justice, please contact AMATS or see the information at www.muni.org/transplan. Any person who believes he or she has been discriminated against should contact:

AMATS TRANSPORTATION PLANNING

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This document was prepared as a cooperative effort of the US Department of Transportation (USDOT), Federal Highway Administration (FHWA), Alaska Department of Transportation & Public Facilities (ADOT&PF), and local governments as a requirement of 23 USC 134 and 135 as amended by MAP-21 Sections 1201 and 1202, July 2012. This document does not necessarily reflect the official views or policies of the US Department of Transportation.

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INTRODUCTION

The Unified Planning Work Program (UPWP) is developed annually, documenting all metropolitan transportation planning activities performed with federal transportation funds. The UPWP is developed by Metropolitan Planning Organizations (MPOs) in cooperation with Federal and State agencies, local governments, and transit operators.

Anchorage Metropolitan Area Transportation Solutions (AMATS) is the MPO for the urbanized area as designated by Governor Jay Hammond on April 8, 1976. Additionally, in 1997 the U.S. Secretary of Transportation designated AMATS as a Transportation Management Area (TMA). It is AMATS' responsibility to meet the requirements of Moving Ahead for Progress in the 21st Century (MAP-21) for the Metropolitan Planning Area (MPA). These requirements call for the development of a multimodal transportation system that integrates with land use plans, and meets Federal and State planning requirements.

The UPWP serves as a tool for coordinating federally-funded transportation planning activities to be conducted over the course of each fiscal year (January 1 to December 31). Included in the UPWP are detailed descriptions of the transportation planning tasks, various activities to complete the tasks, and a summary of the funds identified for each planning activity. The UPWP was developed by AMATS with input from local government, the Public Transit Department, the Alaska Department of Transportation and Public Facilities (ADOT&PF), the Federal Highway Administration (FHWA), and the Federal Transit Administration (FTA). Additionally, AMATS must annually undergo a process known as self-certification to demonstrate that the planning process is being conducted in accordance with all applicable federal transportation planning requirements. Self-certification is conducted in conjunction with annual adoption of the UPWP.

UPWP FUNDING TYPES

All work, including staff time and consultant services (when necessary) are identified in the UPWP and are funded by one or more of the following sources:

FHWA SECTION 112 GRANT FUNDS ("PL," OR METROPOLITAN PLANNING FUNDS):

The MPO receives annual funding to carry out its federally-mandated metropolitan planning requirements. PL funds can be used for up to 90.97% of a project.

FHWA SURFACE TRANSPORTATION PROGRAM (STP) GRANT FUNDS:

The Surface Transportation Program provides the funding to localities for projects on any Federal-aid highway. These include the National Highway System, bridge projects on any public road, transit capital projects, and intracity and intercity bus terminals and facilities. The primary purpose of these projects is to reduce congestion and improve safety and efficiency of regional multi-modal transportation systems. STP provides flexible funding that can be used for up to 90.97% of a project.

FHWA CONGESTION MITIGATION AIR QUALITY PROGRAM (CMAQ) GRANT FUNDS:

The purpose of CMAQ grants are to fund transportation projects or programs that will contribute to attainment or maintenance of the national ambient air quality standards (NAAQS) for ozone, carbon monoxide (CO), and particulate matter (PM10). CMAQ grants supports two important goals of the Department of Transportation: improving air quality and relieving congestion. While these goals are not new elements of the program, they were strengthened in a new provision added to the CMAQ statute by SAFETEA-LU, establishing priority consideration for cost-effective emission reduction and congestion mitigation activities when using CMAQ funding. CMAQ funding can be used for up to 100% of a project.

FTA 5303 GRANT FUNDS:

FTA 5303 grants are federal funds designated for transit planning and research activities in the MPO area. 5303 funding can be used for up to 80% of a project.

FTA 5307 GRANT FUNDS:

FTA 5307 grants are federal formula funds designated to Urbanized Areas for Transit capital, planning, job access and reverse commute projects, as well as operating expenses in certain circumstances. 5307 provides funding that may be can be used for up to 80% of a capital project, 50% for operating assistance, and 80% for ADA non-fixed route paratransit service (up to 10% of a recipients apportionment).

LOCAL MATCHING FUNDS:

Local matching funds (or the non-federal share) are cost sharing requirements by FHWA and FTA. Matching funds may include local tax revenue, bonds, private foundation funds, in-kind, private sector contributions, and non-DOT federal funds. Traditionally, Federal grants cover a portion of the project expenses, while the remaining non-federal share is either matched by the state completely or partially matched by the state and the local entities.

FEDERAL REQUIREMENTS FOR TRANSPORTATION PLANNING

MAP-21 in concert with the Clean Air Act as Amended, envisions an integrated multimodal transportation system that facilitates the safe, reliable and efficient movement of people and goods and protects the built and natural environments. This is achieved through a Continuing, Cooperative, and Comprehensive (3-C) transportation planning process that results in a long-range plan and short-range program of projects. The responsibility of the MPO is to ensure a 3-C approach for transportation planning for the metropolitan area, with effective coordination among:

- Local government, transit operators, and regional agencies;
- State agencies, including ADOT&PF and Alaska Department of Environmental Conservation (ADEC); and
- Federal agencies, including FHWA and FTA of the United States Department of Transportation (U.S. DOT), and the U.S. Environmental Protection Agency (EPA).

Major components that feed into the development of the long-range plan and short-range program are listed below.

METROPOLITAN PLANNING FACTORS AND NATIONAL GOAL AREAS IN MAP-21

Moving Ahead for Progress in the 21st Century (MAP-21), the most recent federal transportation legislation passed by U.S. Congress and signed into law by President Obama in 2012. MAP-21 defines specific planning factors and national goal areas for consideration when developing transportation plans and programs in a metropolitan area. MAP-21 creates a streamlined and performance-based surface transportation investment program and builds on many of the highway, transit, bike, and pedestrian programs and policies established in 1991.

AMATS began incorporating the MAP-21 planning requirements in the 2014-15 UPWP. The national goal areas provide a means to ensure efficient investment of federal transportation funds, increase accountability and transparency, and improve investment decision-making. Current requirements call for MPOs to conduct planning that explicitly considers and analyzes, as appropriate, the eight national goals as defined in federal legislation. The eight national goals are:

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 non-motorized users;
3. Increase the security of the transportation system for motorized and non-motorized users;
4. Increase the accessibility and mobility of people and for freight;
5. Protect and enhance the environment, promote energy conservation, improve quality of life, and promote consistency between transportation
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; and
8. Emphasize the preservation of the existing transportation system.

The 2016-17 UPWP was prepared around the eight national goals and metropolitan planning factors; some of these planning factors have entire tasks devoted to them, while others have their intent woven throughout the fabric of various activities. Appendix B identifies each task by element in the 2016-17 UPWP that satisfies at least one of the national goals listed above.

PLANNING EMPHASIS AREAS

Recent federal emphasis areas have been incorporated into the UPWP. At the federal level, this involves significant attention to the topics: Performance Management, Climate Change, Civil Rights, Development of Products, and Bike/Pedestrian Safety. Additionally, the metropolitan transportation planning process must also incorporate FHWA/FTA planning emphasis areas (PEA) these include:

MAP-21 Implementation, Transition to Performance Based Planning and Programming:

Further develop the MPOs performance management approach to transportation planning and programming. Performance-based planning and programming includes using transportation performance measures, setting targets, reporting performance, and programming transportation investments directed toward the achievement of transportation system performance outcomes. Appropriate UPWP work tasks could include working with local planning partners to identify how to implement performance-based planning provisions such as collecting performance data, selecting and reporting performance targets for the metropolitan area, and reporting actual system performance related to those targets. Consider the option to explore use of scenario planning to develop the metropolitan transportation plan. Use of the following resources are encouraged: [Performance Based Planning and Programming Guidebook](#); [Model Long Range Transportation Plans Guidebook](#), and [Small Metropolitan Areas: Performance Based Planning](#).

Regional Models of Cooperation: Ensure a Regional Approach to Transportation Planning by Promoting Cooperation and Coordination across Transit Agency, MPO, and State Boundaries. To improve the effectiveness of transportation decision making, think beyond traditional borders and adopt a coordinated approach to transportation planning. A coordinated approach supports common goals and capitalizes on opportunities related to project delivery, congestion management, safety, freight, livability, and commerce across boundaries. Improved multi-jurisdictional coordination by State DOTs, MPOs, providers of Transit, and rural planning organizations (RPOs) can reduce project delivery times and enhance the efficient use of resources, particularly in urbanized areas that are served by multiple MPOs. Revisit the metropolitan area planning agreements to ensure that there are effective processes for cross-jurisdictional communication among State DOTs, MPOs, and providers of Transit to improve collaboration, policy implementation, technology use, and performance management. Explore the

opportunity to partner with RPOs to conduct transportation planning in non-metropolitan areas. Use of FHWA's [Regional Models of Cooperation](#) and [Every Day Counts](#) are encouraged for more information.

[Ladders of Opportunity, Access to Essential Services](#): Identify transportation connectivity gaps in accessing essential services. Essential services include employment, health care, schools/education, and recreation. Suggested UPWP work tasks include developing and implementing analytical methods to identify gaps in the connectivity of the transportation system and developing infrastructure and operational solutions that provide the public, especially the traditionally underserved populations, with adequate access to essential services. Other effective work tasks could include: evaluating the effectiveness of public participation plans for engaging transportation disadvantaged communities in the transportation decision making process; updating the Coordinated Transportation Plan; assessing the safety and condition of pedestrian and bicycle facilities; and evaluating compliance with Americans with Disabilities Act, particularly around schools, concentrations of vulnerable populations, social services, medical, and transit facilities.

AMATS OVERVIEW

AMATS is nearing its 40th year as the MPO and 24th year as the TMA for the Municipality of Anchorage (MOA). Federal and state law requires several metropolitan planning boundaries be defined in the region for different purposes. These boundaries include: MPO Planning Area Boundary, Urban Growth Boundary (UGB), Urbanized Area Boundary (UAB), Metropolitan Planning Area Boundary (MPA), Air Quality Maintenance Area Boundary (AQMA). Maps for these boundaries can be found in Appendix C.

Based on the 2010 Census the urbanized area has a population of 289,011 in a 246 square mile land area. As a result of that data, only minor adjustments were made to the boundary of the urbanized area, which includes the Anchorage, Eagle River/Chugiak, and the Native Village of Eklutna.

ORGANIZATION

AMATS' transportation planning process has two basic organizational units: policy and technical. Both utilize a committee structure to provide a cooperative process for planning.

POLICY COMMITTEE:

The Policy Committee (PC) consists of five equal voting members. The PC has the authority to act on all matters relating to the continuing, comprehensive, and cooperative transportation and air quality planning process for the area. In general, the Committee: 1) provides overall direction to Technical Advisory Committee and AMATS staff; 2) ensures adequate public involvement throughout the planning process; and 3) directs the preparation of transportation plans, programs, and studies.

TECHNICAL ADVISORY COMMITTEE:

The Technical Advisory Committee (TAC) consists of eleven equal voting members. The TAC is subordinate to and shall report to the PC on transportation and air quality planning matters. The TAC: 1) prepares and maintains all AMATS plans, technical studies, and programs for the area; 2) provides recommendations to the PC regarding effects of transportation and air quality plans and programs on the plans of other agencies; and 3) provides recommendations to the PC in its review of federal and state funded transportation projects and programs.

ADDITIONAL ADVISORY COMMITTEES:

Established to advise the TAC on specific elements of the transportation planning process. Current committees acting in an advisory capacity to the Technical Advisory Committee are the Citizens Advisory Committee (CAC), the Municipal Planning and Zoning Commission (PZC), the Air Quality Advisory Committee (AAQAC), the Freight Advisory Committee (FAC), the Bicycle and Pedestrian Advisory Committee (BPAC), and the Anchorage Municipal Assembly.

AMATS STAFF:

Principal staff for AMATS is the Municipality of Anchorage, Community Development Department. Other Municipal departments provide expertise and added support. These agencies include the Project Management & Engineering Division, the Traffic Division, the Department of Health and Human Services (Environmental Services Division), and the Transit Department. The State of Alaska supports AMATS through its Department of Transportation & Public Facilities and Department of Environmental Conservation.

CONSULTANT SERVICES:

AMATS plans to perform most of the 2016-17 UPWP tasks utilizing staff and some assistance from partner entities. However, depending on local resources and federal funding AMATS and the Transit Department may hire professional services to perform specialized work.

FEDERAL PLANNING CERTIFICATION

AMATS completed its Federal Certification review in March 2015. This review included development of a presentation and documentation for FHWA and FTA, a public input meeting, and a meeting with committee members and staff. Recommendations as a result of the 2015 Certification Review are incorporated into the 2016-17 UPWP work plan by element.

FEDERALLY REQUIRED PRODUCTS

As the MPO, AMATS is responsible for carrying out and maintaining the following products: Unified Planning Work Program (UPWP), Transportation Improvement Program (TIP), Metropolitan Transportation Plan (MTP), and Public Participation Plan (PPP). Additionally, AMATS is subject to special requirements regarding congestion management systems, project selection, and certification as a TMA.

Throughout the 2016-17 UPWP the following icons indicate a federally required product and any activities associated with the required products. Each icon links to the appropriate product or activity.



Federally required product or activity.



Activity identified in the MTP.



Activity identified in the SIP.



Activity identified in the PPP.



Activity identified in the TIP.

LOOKING FORWARD: 2016-17

During the next two years of the UPWP, AMATS will continue to develop and implement performance based planning in response to MAP-21, further establish opportunities for local, regional and statewide coordination, and improve transportation connectivity in an effort to provide equitable and accessible travel choices for all. The efforts below outline some of the key activities necessary to accomplish the goals outlined in MAP-21.

- [2040 Metropolitan Transportation Plan](#): AMATS will focus the bulk of activities during 2016-17 on carrying out a major update to the Metropolitan Transportation Plan (MTP).
- [Air Quality](#): An important companion document to the 2040 MTP is the Air Quality Conformity Determination Report that demonstrates, based on monitoring, whether the MTP is in conformance with the Alaska State Implementation Plan (SIP) for air quality, and meets conformity requirements.
- [Bicycle and Pedestrian Facilities](#): According to the 2014 We Ride Report from the League of American Bicyclist, Anchorage has seen a 153% increase in bicycle commuting since 2000. Everyday Anchorage has more than 2,000 people commuting by bike and the city is ranked as the 14th fastest growing bicycle commute city in the nation. AMATS recognizes the importance of investing in the future of Anchorage by providing safe, convenient travel options for residents and visitors. In addition to continuing to implement the Anchorage Bike Plan and Anchorage Pedestrian Plan, AMATS will work to provide safety education through public outreach, training opportunities, and partnerships with state and local agencies.
- [Coordinated Transportation Plan Update](#): MAP-21 requires that projects selected for federal funding be derived from a coordinated transportation plan, additionally funding from the Alaska Mental Health Trust Authority (AMHTA) also requires a locally developed, coordinated plan. The Coordinated Transportation Plan helps guide transportation decision making for older adults, people with disabilities, persons with low income, and members of the general public.
- [Coordinating Land Use and Transportation](#): Coordinating land use and transportation improvements are important given expected regional development patterns. AMATS will continue to work closely with current and long-range planning to promote sound land use practices while protecting the substantial investment in transportation projects.
- [Freight Mobility Study](#): The goal of this study is to develop a plan that will guide the orderly growth, implement and fund future development of safe freight corridors, routes, access, and intermodal/distribution facilities. Furthermore, this project will examine regional freight movements, patterns, origins and destinations.
- [Modeling and Scenario Planning](#): AMATS will continue updating and improving the land use and travel demand models for the 2040 MTP. The model will be used to predict future land development patterns and travel behaviors based on trends, and to evaluate the performance of alternative land use scenarios and transportation investments to help guide policy discussions.
- [Performance Standards as Part of MAP-21 Compliance](#): AMATS recognizes that an important part of MAP-21 compliance entails earnest efforts to implement performance measures. AMATS and ADOT&PF continue to engage in productive dialogue about the development of federal and state guidance and its application at the local level by AMATS. Performance measures will enable AMATS to evaluate the

impact and cumulative progress of projects in terms of system operations, efficiency and community benefit. Ten interrelated rules, USDOT Implementation of MAP-21 Performance Provisions, are anticipated to be delivered at various times throughout the life of this document.

- [Public Involvement and Stakeholder Engagement:](#) AMATS is always looking for ways to provide for a proactive two-way public involvement process. Ensure complete and accurate information and documentation, timely public notice, equal and full public access to public information and decision-making.
- [Spenard Road Corridor Plan:](#) Transit Oriented Development (TOD) planning has been used successfully by cities all around the country to create investment opportunities for redevelopment. TOD planning, which combines land use planning with transportation planning can effectively leverage the key factors needed to create livable communities. In partnership with the Municipality of Anchorage's Long Range Planning Section, AMATS is working to develop the city's first TOD plan. This planning effort will focus on transportation/land use policies, design solutions and implementation strategies that will encourage mixed land use, compact/dense development, promote pedestrian and bicycle-friendly systems and encourage the use of public transit. Additionally, this plan will seek to accommodate existing and future traffic volumes, present parking solutions, foster sustainable commercial growth and redevelopment, and incorporate land use and transportation options throughout the Spenard corridor.
- [Transit:](#) The Transit Department will continue short-range and long-range transit planning efforts, transit marketing activities, and the rideshare program to improve mobility, accessibility and air quality in the Anchorage community. A strong Transit system is critical to our nation's transportation system and is essential to the economic and social quality of life for the community. In particular the Transit Department will develop a community transit vision and transit development plan, participate in the Spenard Corridor Strategic Plan, and complete the Muldoon Transit Hub Alternatives Analysis.
- [Travel Options:](#) Implementing strategies, programs, and investments to enhance traveler opportunities and people's choices to walk, bike, take transit, share rides, and telecommute. These strategies can be used as solutions to problems of system capacity and as a way of creating a balanced, efficient, multi-modal transportation system that promotes choices and influences demand.
- **Interactive TIP Tool:** This web-based tool will provide information regarding the TIP in a flexible format that allows anyone to generate either the entire TIP document or a smaller custom designed document covering only those projects that are of particular interest. Using the three search options (Maps, Custom Reports, and the TIP Search) visitors to this website can locate and learn about projects by road name, by road designation, by program number, by political jurisdiction, or by geographic location.
- **Local, Regional, and Statewide Coordination:** AMATS staff will continue to coordinate with Mat-Su Borough and Tribal planners on topics of mutual interest.

100 ELEMENT PLANS & PROGRAMS

OBJECTIVE: To assist, support, and facilitate an open, comprehensive, cooperative and continuing (3-C) transportation planning and programming process at all levels of government in conformance with applicable federal and state requirements and guidelines, as described in the 3-C Memorandum of Understanding. The development of all planning documents will be undertaken in accordance with the metropolitan planning requirements set forth in MAP-21, and as further established through the USDOT metropolitan planning regulations.

100 ELEMENT TASKS & FUNDING SUMMARY: The following tasks will be performed to achieve the objectives of this element. The objectives of each task are listed in detail with individual descriptions on the following pages.

100 ELEMENT PLANS & PROGRAMS	Lead Agency	FHWA PL	FHWA STP	Total
110 UPWP & Fiscal Reports	AMATS	\$129,663		\$129,663
120 Transportation Improvement Program	AMATS	\$30,487		\$30,487
130 Metropolitan Transportation Plan	AMATS	\$221,200	\$600,000	\$821,200
140 Federal Planning Certification	AMATS	\$3,952		\$3,952
150 Public Participation Plan	AMATS	\$6,815		\$6,815
160 Title VI Program	AMATS	\$6,815		\$6,815
Total		\$398,932	\$600,000	\$998,932



TASK 110

UNIFIED PLANNING WORK PROGRAM & FISCAL REPORTS

OBJECTIVE: The Unified Planning Work Program (UPWP) describes the scope of work anticipated over a two-year period by AMATS staff and partner agencies, including MOA Transit Department, MOA Department of Health and Human Services, MOA Traffic Division, ADOT&PF, and private sector consultants.

2015 CERTIFICATION REVIEW:

Topic	CFR	Corrective Action	Recommendations/Comments	Status
UPWP	23 CFR 450.308	None	1. Include estimated expenditures to conduct the documented work activities as part of the UPWP work element descriptions as well as in the summary financial table. 2. Provide an early draft of the UPWP to FHWA and FTA for review and comment. 3. Consider including a prospectus at the beginning of document. This section would describe the near-term as well as longer-term priority work task and issues facing AMATS in overview terms to inform partners and stakeholders.	

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
110 UPWP & Fiscal Reports	2016	AMATS	\$129,663	\$129,663
110 UPWP & Fiscal Reports	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE

Ongoing:

- ☐ Monitor the 2016-2017 UPWP.

As required:

- ☐ Coordinate the 2016-2017 UPWP with the MOA Community Development Department Operating Budget development.
- ☐ Revise UPWP as necessary, to meet changing conditions.
- ☐ Amend as needed, the Inter-governmental Transportation and Air Quality Planning Operating Agreement.

2016:

- ☐ Prepare the 2017 Annual Fiscal Element to the UPWP for review by November 2016
- ☐ Adopt the 2017 Annual Fiscal Element of the UPWP by December 2016.

2017:

- ☐ Draft the 2018-2019 UPWP for review and approval during third and fourth quarters of 2017, with adoption by November 2017.



TASK 120 TRANSPORTATION IMPROVEMENT PROGRAM

OBJECTIVE: AMATS is responsible for developing, maintaining, and tracking implementation of a Transportation Improvement Program (TIP) that serves and reflects the needs of the Municipality of Anchorage and complies with pertinent federal and state requirements. These efforts include implementing a criteria-based project selection process, improving project tracking mechanisms, and continued coordination between member agencies.

2015 CERTIFICATION REVIEW:

Topic	CFR	Corrective Action	Recommendations/Comments	Status
TIP	23 CFR 450.324, 326 & 328	None	1. Project information should clearly state the type of funding being used. 2. In particular, the CMAQ table includes projects that are funded with other than CMAQ funds, which may be confusing.	

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
120 Transportation Improvement Program	2016	AMATS	\$30,487	\$30,487
121 Transportation Improvement Program	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

As required:

- ☐ Monitor/revise the TIP, as necessary, to meet project development scheduling and funding.
- ☐ Prepare any necessary major amendments to the Program.
- ☐ Review and compare highway, transit, pedestrian, and other projects contained in the MOA Capital Improvement Program (CIP), ADOT&PF State Transportation Improvement Program (STIP), and capital requests to the Alaska Legislature.
- ☐ Incorporate the FTA notification process into the TIP, as recommended by FTA.

2016:

- ☐ Review capital budget bills for consistency with adopted AMATS Plans and Programs.
- ☐ Interactive TIP Tool

2017:

- ☐ Review capital budget bills for consistency with adopted AMATS Plans and Programs.
- ☐ Develop and approve the 2018-22 TIP with adoption before September 2017.

**TASK 130** **METROPOLITAN TRANSPORTATION PLAN**

OBJECTIVE: Develop, maintain, and update a multi-modal Metropolitan Transportation Plan (MTP) for AMATS, while keeping a 20 year horizon. The MTP creates one comprehensive planning document which still maintains sub-regional priorities and details common concerns and issues needing to be addressed in the Anchorage Bowl and the Chugiak/Eagle River.

2015 CERTIFICATION REVIEW:

Topic	CFR	Corrective Action	Recommendations/Comments	Status
MTP	23 CFR 450.322	None	<p>1. The proposed Knik Arm Crossing (KAC) project must be accomplished within the financial constraint of the MTP, based on documentation in a project-level financial plan approved by FHWA.</p> <p>2. The MTP update, scheduled for completion in December 2017, should include updated cost estimates (design, construction, operation, maintenance) and anticipated revenue sources to support the revised KAC Financial Plan.</p> <p>3. AMATS has a good spreadsheet tool to analyze and demonstrate financial constraint, but it is not easily understood by the public.</p> <p>4. To ensure that the financial information is clearly understood by policy-makers as well as the general public, a summary table(s) should be developed for the MTP that provides key financial data, including sources and uses of all funds by various timeframes.</p>	

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	FHWA STP	Total
130 Metropolitan Transportation Plan	2016	AMATS	\$221,200	\$600,000	\$821,200
130 Metropolitan Transportation Plan	2017	AMATS			

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Continue to monitor and implement the Interim 2035 Metropolitan Transportation Plan which was adopted by the PC in August of 2015.

2016:

- ☐ Begin 2040 MTP in 1st quarter of 2016

2017:

- ☐ Public Review Draft anticipated by end of 2017. The MTP update should include updated cost estimates (design, construction, operation, maintenance) and anticipated revenue sources to support the revised KAC Financial Plan.

**TASK 140 FEDERAL PLANNING CERTIFICATION**

OBJECTIVE: AMATS staff will monitor progress in addressing the recommendations identified in The 2015 Federal Planning Certification Report. AMATS staff will periodically consult with FTA, FHWA, and ADOT&PF regarding this issue. Ensure compliance with MAP-21 requirements. The next Federal Planning Certification will take place during 2019.

2015 CERTIFICATION REVIEW:

Topic	CFR	Corrective Action	Recommendations/Comments	Status
Self-Certification	23 CFR 450.334	None	1. AMATS has the option to include the self-certification statement as part of the TIP development process, which is on a four-year cycle. 2. Full documentation that supports the self-certification should be referenced.	

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
140 Federal Planning Certification	2016	AMATS	\$3,952	\$3,952
140 Federal Planning Certification	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Review, endorse, and monitor the planning process against federal requirements, regulations, and any formal recommendations by FHWA/FTA.
- ☐ Prepare, plan, schedule, and budget to resolve any recommendations to take place during the time frame of this UPWP.
- ☐ Report progress on corrective actions and recommendations identified in the 2015 Federal Planning Certification to FTA, FHWA, and ADOT&PF.

2017:

- ☐ Self-certification statement as part of the TIP development process.

**TASK 150 PUBLIC PARTICIPATION PLAN**

OBJECTIVE: The Public Participation Plan (PPP) describes how AMATS projects are planned and funded; and how, when and where citizens can be involved. It recommends strategies and informs the public at an early stage and continues to engage citizens prior to key decisions. The PPP ensures that AMATS is reaching out to populations who are typically underserved and/or economically depressed such as limited-English proficiency, minority and low-income populations. The AMATS PPP should be updated on a 4 year cycle.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
150 Public Participation Plan	2016	AMATS	\$6,815	\$6,815
150 Public Participation Plan	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Use PPP in all AMATS planning projects.
- ☐ Continue to build AMATS' contact database for underserved populations through public outreach.

2016:

- ☐ Finish update to the AMATS PPP in 2nd quarter of 2016.
- ☐ Engage Anchorage public through PPP guidelines on AMATS planning efforts.
- ☐ Continue expanding Environmental Justice outreach contacts through AMATS planning efforts.

2017:

- ☐ Engage Anchorage public through PPP guidelines on AMATS planning efforts.
- ☐ Continue expanding Environmental Justice outreach contacts through AMATS planning efforts.

R TASK 160 **TITLE VI PROGRAM**

OBJECTIVE: AMATS has prepared a nondiscrimination policy and procedures, also referred to as the AMATS Title VI Non-Discrimination Implementation Plan, which addresses how AMATS is integrating nondiscriminatory practices in its transportation planning, public participation, and decision making. AMATS is committed to providing services, programs, and activities fairly, without regard to race, color, national origin, gender, age, disability or economic status. AMATS will work to prevent discrimination through the impacts of its programs on minority and low-income populations. Additionally, AMATS takes reasonable steps to provide meaningful access to programs for persons with limited English proficiency. Administration of AMATS' Title VI program is integrated throughout the key program areas, including public participation.

2015 CERTIFICATION REVIEW:

Topic	CFR	Corrective Action	Recommendations/Comments	Status
Title VI and Related Requirements	23 CFR 450.334	None	1. A schedule should be developed for reviewing the Title VI Nondiscrimination Plan on a regular basis and should include an outline of the process for working with the ADOT&PF Civil Rights Office.	

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
160 Title VI Program	2016	AMATS	\$6,815	\$6,815
160 Title VI Program	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Conduct AMATS activities in conformance with the adopted Title VI policy statement and assurances contained in the plan.
- ☐ Conduct research and outreach to agencies and organizations.
- ☐ Identify, investigate, and eliminate discrimination when found to exist in connection with MPO program areas.
- ☐ Incorporate Title VI policy statement in all documents.

As required:

- ☐ Process, investigate, and attempt to resolve Title VI complaints regarding MPO and its sub-recipients, consultants or contractors that are received by the MPO.
- ☐ Prepare the Annual Title VI Report for review by ADOT&PF Title VI Specialist.

2016:

- ☐ Develop the Title VI communications plan as part of the Public Participation Plan Update, with input from Title VI groups.
- ☐ Conduct annual evaluation assessments of the Title VI Program.
- ☐ Prepare Annual Title VI Report.
- ☐ Work closely with the ADOT&PF Title VI Specialist to identify new resources to support Title VI outreach.

2017:

- ☐ Implement strategies and mitigation measures identified in the AMATS Title VI Non-Discrimination Plan and Public Participation Plan.
- ☐ Conduct annual evaluation assessments of the Title VI Program.
- ☐ Prepare Title VI Report.

200 ELEMENT SUBAREA/SPECIAL STUDIES & LOCAL PLANNING COORDINATION

OBJECTIVE: This element concentrates on subarea or special planning studies. Subarea studies address transportation issues within a geographically-defined region of the metropolitan planning area. Potential improvements identified to meet transportation challenges of these subareas will then be included, if appropriate, in the MTP and TIP. Special studies focus on specific transportation modes, the effects of transportation system operations, or transportation system issues. Efforts include non-motorized transportation, freight mobility, congestion management, and Intelligent Transportation Systems (ITS).

200 ELEMENT TASKS & FUNDING SUMMARY: The following tasks will be performed to achieve the objectives of this element. The objectives of each task are listed in detail with individual descriptions on the following pages.

200 ELEMENT	Lead Agency	FHWA PL	FHWA STP	Total
210 Official Streets & Highway Plan	AMATS	\$2,863		\$2,863
211 Street Typology & Complete Streets	AMATS	\$8,558		\$8,558
220 Local Transportation Planning Coordination	AMATS	\$66,588		\$66,588
230 Non-motorized Transportation	AMATS	\$43,644		\$43,644
231 Pedestrian Plan	AMATS	\$6,535		\$6,535
232 Bicycle Plan	AMATS	\$32,507		\$32,507
233 Areawide Trails Plan	AMATS	\$30,093		\$30,093
242 Spenard Road Corridor	AMATS	\$50,741		\$50,741
260 Freight Mobility	AMATS	\$42,316	\$250,000	\$292,316
270 Emergency Transportation Mgt Safety & Security	AMATS	\$21,466		\$21,466
280 Intelligent Transportation Systems	AMATS	\$20,711		\$20,711
290 Congestion Management/ Status of the System	AMATS	\$19,955		\$19,955
291 Implementation Strategies/ Signal Timing	TRAFFIC		\$350,000	\$350,000
292 Travel Options	AMATS	\$28,627	\$70,000	\$98,627
293 Coordinated Transportation	AMATS	\$15,403		\$15,403
Total		\$390,007	\$670,000	\$1,060,007

TASK 210 OFFICIAL STREETS & HIGHWAYS PLAN: MONITORING & IMPLEMENTATION

OBJECTIVE: The Official Streets & Highways Plan (OS&HP) is an implementation tool of Anchorage 2020 and of the Long-Range/Metropolitan Transportation Plan.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
210 Official Streets & Highway Plan	2016	AMATS	\$2,863	\$2,863
210 Official Streets & Highway Plan	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Implement the street typology project called for in the OS&HP.

As required:

- ☐ Monitor and amend the OS&HP, as necessary, to meet changing needs of the community and to remain consistent with other planning documents.

2016:

- ☐ Coordinate OS&HP with development of street typology designations for the Anchorage Bowl.

2017:

- ☐ Continue to monitor the OS&HP and provide interpretation of the adopted plan maps.
- ☐ Prepare necessary amendments, in accordance with the recommendations of Anchorage 2020 and the MTP.
- ☐ Implement the OS&HP through development project reviews, road project reviews, and special studies.

**TASK 211 STREET TYPOLOGY DESIGNATIONS & COMPLETE STREETS**

OBJECTIVE: Apply the street typologies to collector and arterial streets (and local streets where appropriate), in order to ensure that future street design (including intersections, sidewalks, and transit stops) reflect adjacent land uses and all modes of users.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
211 Street Typology & Complete Streets	2016	AMATS	\$8,558	\$8,558
211 Street Typology & Complete Streets	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

2016:

- ☐ Create a Street Typology Map.
- ☐ Create a complete streets policy.

2017:

- ☐ Work with applicable MOA departments/divisions/sections and the public to determine the appropriate street typology (from the list provided in the MTP and OS&HP) for each collector and arterial street in the Anchorage Bowl.
- ☐ Determine whether street typologies should be applied to any local streets. Develop a street typology map, and with the appropriate public process, amend the OS&HP to include the street typology map by 2nd quarter of 2017.

**TASK 220 LOCAL TRANSPORTATION PLAN REVIEW & COORDINATION**

OBJECTIVE: Review of planned and programmed transportation projects, coordinated transportation and land use development review, and assessments of transportation impact analyses.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
220 Local Transportation Planning Coordination	2016	AMATS	\$66,588	\$66,588
220 Local Transportation Planning Coordination	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Review of planned and programmed transportation projects, coordinated transportation and land use development review, assessments of transportation impact analyses.

As required:

- ☐ Review transportation project plans proposed by Municipal and State agencies for consistency with adopted AMATS plans and programs, on an as-submitted basis, review plans and/or proposals of other public agencies or private developers for impacts on the transportation system, review TIAs and proposed development plans for impacts on the Anchorage transportation system, on an as-submitted basis.
- ☐ Review and update of existing project review agreements between the MOA and ADOT&PF with regards to staff, P&Z, and Urban Design Commission reviews of ADOT&PF projects.

**TASK 230****NON-MOTORIZED TRANSPORTATION**

OBJECTIVE: Continue to implement and monitor all three elements of the Non-Motorized Transportation Plan.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
230 Non-motorized Transportation	2016	AMATS	\$43,644	\$43,644
230 Non-motorized Transportation	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Implement recommendations of all three elements of the Non-Motorized Transportation Plan.

As required:

- ☐ Determine the appropriate update schedule for the Non-Motorized Transportation Plan elements.
- ☐ Schedule and attend meetings of the Bicycle and Pedestrian Advisory Committee.

2016:

- ☐ Manage the BikeLife Anchorage publication as part of the AMATS initiative to perform public outreach and improve safety for bicyclists in the Anchorage bowl.
- ☐ Create safety campaign and educational materials to meet FHWA outreach and safety initiatives.

2017:

- ☐ Use the three elements of the Non-Motorized Transportation plan for project recommendations to be nominated for TIP funding.
- ☐ Schedule and attend meetings of the Bicycle and Pedestrian Advisory Committee.
- ☐ Monitor non-motorized transportation activities.

**TASK 231****PEDESTRIAN PLAN**

OBJECTIVE: Continue to implement the Anchorage Pedestrian Plan through coordination with the Municipal project managers for this plan and ADOT&PF.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	TIP	Total
231 Pedestrian Plan	2016	AMATS	\$6,535		\$6,535
231 Pedestrian Plan	2017	AMATS			

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Monitor implementation of plan projects.
- ☐ Work with MOA project managers and ADOT&PF to ensure timely implementation of Anchorage Pedestrian Plan.
- ☐ Develop plan implementation report.

2017:

- ☐ Develop update to Pedestrian Plan.
- ☐ Continue implementation of the Pedestrian Plan utilizing the currently approved TIP.

**TASK 232****BICYCLE PLAN**

OBJECTIVE: Continue to implement the Anchorage Bicycle Plan through coordination with the Municipal project managers for this plan and ADOT&PF.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
232 Bicycle Plan	2016	AMATS	\$32,507	\$32,507
232 Bicycle Plan	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Monitor implementation of plan projects.
- ☐ Work with MOA project managers and ADOT&PF to ensure timely implementation of Bicycle Plan.
- ☐ Identify and prioritize corridors necessary to complete the bicycle trail system in Anchorage
- ☐ Develop plan implementation report.

2017:

- ☐ Develop update to Bicycle Plan.
- ☐ Implement the recommendations in the Bicycle Plan utilizing the currently approved TIP.

**TASK 233****AREAWIDE TRAILS PLAN**

OBJECTIVE: Continue to implementation of the Areawide Trails Plan (ATP) and create an update to this plan in 2016.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
233 Areawide Trails Plan	2016	AMATS	\$30,093	\$30,093
233 Areawide Trails Plan	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Monitor implementation of plan projects.
- ☐ Work with MOA project managers and ADOT&PF to ensure timely implementation of ATP

2016:

- ☐ Begin the ATP Update.

2017:

- ☐ Complete the ATP update by the end of 2017.

**TASK 242 SPENARD CORRIDOR STRATEGIC PLAN**

OBJECTIVE: The Spenard Corridor Strategic Plan (SCSP) develops a comprehensive transportation oriented development (TOD) plan that facilitates the revitalization of Spenard Road and its adjoining corridor.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
242 Spenard Road Corridor	2016	AMATS	\$50,741	\$50,741
242 Spenard Road Corridor	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Develop land use inventory.
- ☐ Project management of SCSP.

2016:

- ☐ Manage all aspects of the SCSP.

2017:

- ☐ Develop the SCSP Public Review Draft.
- ☐ Oversee approval and adoption of the SCSP.
- ☐ The period of performance will be approximately 15 months, with interim products being submitted throughout the contract period, and a final product being submitted by 2nd quarter 2017.

**TASK 260 FREIGHT MOBILITY**

OBJECTIVE: Continue to prioritize and implement recommendations of the 2035 Metropolitan Transportation Plan and the June 2001 Freight Mobility Study with assistance of the Freight Advisory Committee.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	FHWA STP	Total
260 Freight Mobility	2016	AMATS	\$42,316	\$250,000	\$292,316
260 Freight Mobility	2017	AMATS			

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Monitor freight activities.
- ☐ Coordinate with state, Municipal, and local agencies on freight needs during design and site plan development reviews.

As required:

- ☐ Schedule and attend meetings of the Freight Advisory Committee.
- ☐ Develop outreach programs, schedule intersection/access tours, encourage freight industry input and involvement in transportation policy and funding, attend and present information at local industry and agency meetings in order to gain input from the freight community.
- ☐ Further, work to identify problem freight intersections, level of service, access issues, and undertake a Freight Mobility Movement Survey.

2016:

- ☐ Update the 2001 Freight Mobility Study by 2nd quarter of 2016.

2017:

- ☐ Review and implement Freight Mobility Study.
- ☐ Select Freight Infrastructure projects for TIP nomination.
- ☐ Develop data procedures and collection efforts required for freight performance measures.
- ☐ Continue public outreach and education efforts.

TASK 270 EMERGENCY TRANSPORTATION MANAGEMENT

OBJECTIVE: Ensure that community residents can be evacuated in an emergency, and that public service vehicles have adequate routes to hazardous scenes.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
270 Emergency Transportation Mgt Safety & Security	2016	AMATS	\$21,466	\$21,466
270 Emergency Transportation Mgt Safety & Security	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

2017:

- ☐ Complete a self-assessment with key stakeholders during the development of the 2040 MTP.
- ☐ Work with stakeholder partner agencies to develop goals and objectives and an action plan for transportation system security, addressing both resiliency and redundancy of infrastructure to support Municipal and state emergency management, and security of the traveling public.
- ☐ Incorporate security goals, objectives, and action plan into the MTP Update.
- ☐ Support coordination efforts between ADOT&PF/MOA for Traffic Incident Management.



TASK 280 INTELLIGENT TRANSPORTATION SYSTEMS

OBJECTIVE: Provide support to managers of Intelligent Transportation Systems (ITS) projects to enable them to comply with federal requirements. Continue local support for ITS.

2015 CERTIFICATION REVIEW:

Topic	CFR	Corrective Action	Recommendations/Comments	Status
ITS	23 CFR 940	None	1. The Federal Review Team recommends that AMATS continue the efforts to further link the CMP to the updated ITS architecture.	

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
280 Intelligent Transportation Systems	2016	AMATS	\$20,711	\$20,711
280 Intelligent Transportation Systems	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Work with stakeholders to implement and maintain the Anchorage Regional ITS Architecture.
- ☐ Continue to work with FHWA, FTA and ADOT&PF HQ to provide guidance and offer training opportunities to local project managers concerning compliance with federal ITS requirements.
- ☐ Continue to educate stakeholders about ITS.

2017:

- ☐ Develop Request for Proposal for ITS Strategic Implementation Plan by end of 2017.
- ☐ Coordinate with Request for Proposal for Congestion Management Strategic Implementation Plan (see task 290).

**TASK 290 CONGESTION MANAGEMENT PROCESS**

OBJECTIVE: The Congestion Management Process (CMP) provides a mechanism for monitoring system-wide and link-based performance for recurring and nonrecurring congestion. The CMP uses performance data to determine the causes and severity of congestion in the region. The CMP is used at various levels of planning and operational analysis from the MTP to the TIP to the development of individual projects. A CMP that is integrated into the metropolitan transportation planning process provides comprehensive information on the performance of the transportation system so citizens, elected officials, and partner agencies will have up-to-date information regarding congestion levels and implemented strategies

2015 CERTIFICATION REVIEW:

Topic	CFR	Corrective Action	Recommendations/Comments	Status
Congestion Management Process (CMP)	23 CFR 450.320	None	<p>1. The Federal Review Team is pleased to hear about the contractor-led update of the CMP and recommends full implementation of the FHWA/FTA suggested 8-step framework (An Interim Guidebook on the Congestion Management Process in Metropolitan Transportation Planning, Feb 2008).</p> <p>2. Current efforts to further develop the CMP should be coordinated with FHWA/FTA to ensure the previous corrective action (2011) is addressed adequately.</p> <p>3. Specifically, two areas of the CMP that need direct attention include: identification of an implementation schedule and responsibilities, and establishment of a process for periodic assessment of identified strategies.</p>	

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
290 Congestion Management/ Status of the System	2016	AMATS	\$19,955	\$19,955
290 Congestion Management/ Status of the System	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

2016:

- ☐ Using consultant services, update the CMP to be compliant with MAP-21 legislation and guidance by 3rd quarter of 2016.
- ☐ The MTP recommends that the Status of the System Report be updated every four years.

2017:

- ☐ Develop REQUEST FOR PROPOSAL for Congestion Management Strategic Implementation Plan by end of 2017.
- ☐ Coordinate with RPF for ITS Strategic Implementation Plan under Task 280.

**TASK 291 IMPLEMENTATION STRATEGIES: SIGNAL TIMING**

OBJECTIVE: Work with ADOT&PF Program Development staff to provide project oversight and participate on project team.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	FHWA STP	Total
291 Implementation Strategies/ Signal Timing	2016	TRAFFIC		\$350,000	\$350,000
291 Implementation Strategies/ Signal Timing	2017	TRAFFIC			

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Continue to implement strategies and utilize ITS methods to improve signal timing in AMATS area.

**TASK 292 TRAVEL OPTIONS**

OBJECTIVE: Emphasize a balance in multiple transportation modes that will provide a choice in travel modes and enable the community to maintain a high level of mobility and accessibility.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	FHWA STP	Total
292 Travel Options	2016	AMATS	\$28,627	\$70,000	\$98,627
292 Travel Options	2017	AMATS		\$70,000	\$70,000

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Encourage alternative of transportation options, telecommuting, cooperation of large employers, and creative solutions that will provide choice and reduce traffic.
- ☐ Branding & Marketing of Web Based Multimodal Trip Planner.
- ☐ Coordinate with Transit to maximize Employee Transportation Coordinators (ETC)
- ☐ Coordinate with Mat-Su Borough to engage citizens traveling along the Glenn Highway.

As required:

- ☐ Create public outreach materials for Web Based Multimodal Trip Planner.
- ☐ Create public outreach materials for Multimodal Trip Planner App.

2016:

- ☐ Build Web Based Multimodal Trip Planner Platform.
- ☐ Use Web Based Multimodal Trip Planner for Bike to Work Day (week).
- ☐ Create Web Based Multimodal Trip Planner Working Group.
- ☐ Establish SchoolPool at least two (2) schools in Anchorage.

2017:

- ☐ Build Multimodal Trip Planner Smartphone App for Apple Store and Google Play.
- ☐ Establish SchoolPool at least five (5) schools in Anchorage.
- ☐ Host Network Commuter Challenge.

**TASK 293****COORDINATED TRANSPORTATION**

OBJECTIVE: Transportation coordination activities to continue planning and delivery of coordinated transportation for senior citizens, people with disabilities and low-income people; co-manage the Alaska Mental Health Trust Authority (AMHTA) competitive grant process with the State Transit Office; and prepare periodic updates of the Coordinated Transportation Plan in accordance with MAP-21.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
293 Coordinated Transportation	2016	AMATS	\$15,403	\$15,403
293 Coordinated Transportation	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Participate in regional coordinated transportation planning group.

As required:

- ☐ Review and rank AMHTA grant applications annually.
- ☐ Coordinated Transportation Working Group meetings.

2016:

- ☐ Review and update the Coordinated Transportation Plan.
- ☐ Create a local Coordinated Transportation Working Group.

300 ELEMENT AIR QUALITY PLANS, PROGRAMS, & STUDIES

OBJECTIVE: These tasks develop and implement programs to monitor and improve our local air quality. The U.S. EPA has established federal air quality standards for six types of air pollution. Data suggest that concentrations of ozone, nitrogen oxides, sulfur oxides and airborne lead are well below federal standards. Although Anchorage frequently violated the federal standard for Carbon Monoxide (CO) in the 1970's and 1980's, concentrations have declined by over 70% since then. No violations have been measured since 1996. The EPA has now reclassified the Anchorage Bowl as a maintenance area for CO.

300 ELEMENT TASKS & FUNDING SUMMARY: The following tasks will be performed to achieve the objectives of this element. The objectives of each task are listed in detail with individual descriptions on the following pages.

300 ELEMENT	Lead Agency	FHWA PL	FHWA CMAQ	EPA/DEC Grants	Total
310 Air Quality Monitoring/Analysis/ Reporting	DHHS	\$40,000		\$100,000	\$140,000
320 AQ Planning & SIP Revisions	DHHS	\$2,500		\$5,000	\$7,500
330 AQ Conformity Analysis	DHHS	\$5,000		\$5,000	\$10,000
340 Evaluation of Transportation related Air Pollution Controls	DHHS	\$10,000		\$20,000	\$30,000
350 Air Quality Promotion & Public Awareness Programs	DHHS	\$5,000	\$300,000		\$305,000
Total		\$62,500	\$300,000	\$130,000	\$492,500



TASK 310 AIR QUALITY MONITORING/ ANALYSIS/ REPORTING

OBJECTIVE: Continue monitoring for CO, Particulate Matter up to 10 micrometers in size (PM-10) and other air pollutants and submit data, as required by EPA. Research levels of air pollution in Anchorage to provide data for required transportation planning (i.e. conformity documents, SIP amendments, etc.).

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	EPA/DEC Grants	Total
310 Air Quality Monitoring/Analysis/ Reporting	2016	DHHS	\$40,000	\$100,000	\$140,000
310 Air Quality Monitoring/Analysis/ Reporting	2017	DHHS			

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Monitor air quality in the Anchorage area as required by EPA.

As required:

- ☐ Evaluate air quality data, analyze trends, provide annual air quality status report to AMATS, and submit data to ADEC and EPA on a quarterly basis.

2016:

- ☐ Assist in the preparation of MTP as it relates to air quality-issues.
- ☐ Air quality presentations to AMATS committees to ensure transportation plans do not diminish air quality.

2017:

- ☐ Assist in the preparation of MTP as it relates to air quality-issues. Air quality presentations to AMATS committees to ensure transportation plans do not diminish air quality



TASK 320 AIR QUALITY PLANNING & SIP REVISIONS

OBJECTIVE: Continue to prepare plans/implement strategies for reducing CO, PM-10 and other pollutants as required to maintain compliance with federal clean air standards.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	EPA/DEC Grants	Total
320 AQ Planning & SIP Revisions	2016	DHHS	\$2,500	\$5,000	\$7,500
320 AQ Planning & SIP Revisions	2017	DHHS			

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐
- Ensure implementation of air quality control strategies in adopted plans.

As required:

- ☐
- Prepare new plans.

**TASK 330****AIR QUALITY CONFORMITY ANALYSES**

OBJECTIVE: Perform analyses required for air quality conformity determinations by AMATS long range transportation plans and improvement programs.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	EPA/DEC Grants	Total
330 AQ Conformity Analysis	2016	DHHS	\$5,000	\$5,000	\$10,000
330 AQ Conformity Analysis	2017	DHHS			

EXPECTED PRODUCTS & SCHEDULE:

As required:

- ☐
- Prepare analyses required for the MTP, TIP and amendments.

TASK 340 EVALUATION OF TRANSPORTATION-RELATED AIR POLLUTION CONTROLS

OBJECTIVE: Research appropriate and climate-suitable methods for addressing transportation-related air pollution in the MOA to ensure health-based air quality standards are not exceeded.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	EPA/DEC Grants	Total
340 Evaluation of Transportation related Air Pollution Controls	2016	DHHS	\$10,000	\$20,000	\$30,000
340 Evaluation of Transportation related Air Pollution Controls	2017	DHHS			

EXPECTED PRODUCTS & SCHEDULE:

As required:

- ☐
- Evaluate effectiveness of magnesium chloride PM-10 control.

**TASK 350 AIR QUALITY PROMOTION & PUBLIC AWARENESS PROGRAMS**

OBJECTIVE: Promote and encourage alternatives to the single occupancy vehicle trips, and use of block heaters in winter to reduce transportation-related air pollution in the MOA.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	FHWA CMAQ	Total
350 Air Quality Promotion & Public Awareness Programs	2016	DHHS	\$5,000	\$300,000	\$305,000
350 Air Quality Promotion & Public Awareness Programs	2017	DHHS			

EXPECTED PRODUCTS & SCHEDULE:

2016:

- ☐ Continue with Plug@20 campaign annually from October to February.
- ☐ Distribute timers to private vehicle owners for use with heaters.
- ☐ Coordinate Bike-to-Work Day (and Week); promote safe cycling and walking.

2017:

- ☐ Continue with Plug@20 campaign annually from October to February.
- ☐ Distribute timers to private vehicle owners for use with heaters.
- ☐ Coordinate Bike-to-Work Day (and Week); promote safe cycling and walking.

400 ELEMENT DATA COLLECTION/COMPUTER MODELING

OBJECTIVE: Collection and analysis of basic data, such as traffic counts and trends, and specific issues (i.e., intersection delays) help identify possible problems within the existing transportation system. This information is also used to calibrate computer simulation models that are designed to project future transportation needs and identify potential areas of concern. The traffic data is also used to develop vehicle miles of travel in the Anchorage Area, which is a requirement of the CAAA (Clean Air Act Amendments). Computer modeling provides estimates of future travel, analyzes transportation demand and supply management strategies, and provides estimates of air quality emission levels for the various transportation strategies/alternatives.

400 ELEMENT TASKS & FUNDING SUMMARY: The following tasks will be performed to achieve the objectives of this element. The objectives of each task are listed in detail with individual descriptions on the following pages.

400 ELEMENT	Lead Agency	FHWA PL	FHWA STP	Local Match	Total
410 Traffic & Transportation Data	TRAFFIC	\$55,721	\$320,000	\$113,202	\$488,923
440 Socio-Economic & Employment Data	AMATS	\$39,966			\$39,966
450 MAP-21 Project Modeling	AMATS	\$14,346			\$14,346
480 TransCAD Simulation Model	AMATS	\$41,519			\$41,519
Total		\$151,552	\$320,000	\$113,202	\$584,754



TASK 410

TRAFFIC & TRANSPORTATION DATA

OBJECTIVE: Record existing traffic data and evaluate trends regarding travel conditions on roadways and trails within the MOA, such as changes in average daily traffic (ADT) and accident rates. Improve coordination of data collection between the MOA and the State.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	PL Funds	FHWA STP	Local Match	Total
410 Traffic & Transportation Data	2016	TRAFFIC	\$55,721	\$320,000	\$113,202	\$488,923
410 Traffic & Transportation Data	2017	TRAFFIC				

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ MOA Traffic staff collects/analyzes/updates and produces a statistical and informational report on which traffic trends can be analyzed for roadways and trails within the Municipality.



TASK 440

SOCIO-ECONOMIC & EMPLOYMENT DATA

OBJECTIVE: Review current information concerning land use, including analyzing census income information, along with employment figures, for input to the AMATS computer model. Analyze the accuracy of existing housing and employment data and update where needed. Update existing housing and employment data using MOA permit data. Update housing and employment projections based on latest regional projections. Update household travel survey to reflect current travel patterns.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
440 Socio-Economic & Employment Data	2016	AMATS	\$39,966	\$39,966
440 Socio-Economic & Employment Data	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

As required:

- ☐ Review, collect, and conduct quality control reviews on housing and employment data for the transportation demand model.

2016:

- ☐ Review, collect, and conduct quality control reviews on housing and employment data for the transportation demand model and the 2040 MTP update.
- ☐ Work with agency partners to develop population growth control totals.
- ☐ Partner with Community Development to integrate land use and zoning with transportation projections.

2017:

- ☐ Review, collect, and conduct quality control reviews on housing and employment data for the transportation demand model and the 2040 MTP update.
- ☐ Work with agency partners to develop population growth control totals.
- ☐ Partner with Community Development to integrate land use and zoning with transportation projections.

**TASK 450 PROJECT MODELING**

OBJECTIVE: Support regional planning efforts using the transportation demand model. This task is to address project level analysis for transportation improvements.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
450 Project Modeling	2016	AMATS	\$14,346	\$14,346
450 Project Modeling	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

As required:

- ☐ Request legal services for modeling requests.
- ☐ Memorandum of agreement for use of modeling data.
- ☐ Apply the MOA transportation demand model in support of design and development of federally funded projects and plans.

2016:

- ☐ Draft Model request process.
- ☐ Draft Model request materials.
- ☐ Develop Modeling Program webpage.

TASK 480 TRANSCAD SIMULATION MODEL

OBJECTIVE: Monitor and update the transportation demand model for accuracy.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
480 TransCAD Simulation Model	2016	AMATS	\$41,519	\$41,519
480 TransCAD Simulation Model	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

As required:

- ☐ Contract with a professional consulting firm to provide technical and operational support of the transportation demand model.

2016:

- ☐ Activities within this task include any/all work necessary to update the model for the next MTP update effort which will begin in 1st quarter of 2016 with adoption by 1st quarter of 2018.

500 ELEMENT PROGRAM ADMINISTRATION & PUBLIC INVOLVEMENT

OBJECTIVE: Significant coordination and cooperative effort is required between Municipal and State departments to ensure that AMATS staff is able to meet community needs while fulfilling the federal requirements of the planning process. This element provides the administrative tools for the organizational structure of AMATS, and provides the means by which MOA and ADOT&PF staff can continue their efforts to meet the goals stated in the MTP.

In order to provide an effective citizen information process, this element implements an active public involvement program. This element includes public education regarding AMATS process so informed decision-making occurs at the appropriate times in the process. AMATS must ensure that its programs, plans and policies are carried out in a manner that is not discriminatory, regardless of race, color, national origin, or sex (gender) and in that regard has approved a Title VI Implementation Plan.

The goal is to increase the public awareness of transportation and air quality programs, using existing information methods (Municipal Web-page, community council newsletters, Municipal Page in the newspaper, public speaking opportunities, forums, Annual Report to the Public, and so forth) to present information on a regular basis, which matches with program timeframes. The majority of effort will use minimal cost methods of communications, but additional publication and printing costs will be necessary. Staff is also responsible for the public review process of various plans and documents as noted in other locations of this UPWP. (Review of locally funded projects or meeting attendance related to other PL funded tasks in this work program, such as the MTP update, will be charged to that respective task.) Staff will respond to requests from the public, civic groups and legislators concerning the AMATS transportation planning process, plans, programs, and projects. Additionally, announcements will be placed in local newspapers announcing Policy, Technical Advisory, and Citizens Advisory Committee meetings. Advertisements for other transportation planning issues-related meetings will be charged to the respective task. Staff provides on-going support and effective disclosure of AMATS project and federal program information to specific Municipal advisory boards, community councils, civic groups, local and state legislators, as well as the general public.

TASKS & FUNDING SUMMARY: The following tasks will be performed to achieve the objectives of this element. The objectives of each task are listed in detail with individual descriptions on the following pages.

500 ELEMENT	Lead Agency	FHWA PL	Total
510 AMATS Program Admin, Coordination & Support	AMATS	\$178,425	\$178,425
520 Staff Development & Training	AMATS	\$33,749	\$33,749
532 Public Coordination & Outreach	AMATS	\$30,293	\$30,293
533 Stakeholder Engagement & NVE Consultation	AMATS	\$30,162	\$30,162
534 Website & Social Media	AMATS	\$17,218	\$17,218
Total		\$289,847	\$289,847

TASK 510 AMATS PROGRAM ADMINISTRATION, COORDINATION, & SUPPORT

OBJECTIVE: The purpose of this task is to administer the overall metropolitan transportation planning process in an open and collaborative environment. Program administration activities are undertaken to ensure MPO compliance with applicable provisions of Titles 23, 40, and 49 of the US Code and the Code of Federal Regulations that call for a continuing, comprehensive, and cooperative metropolitan transportation planning process.

2015 CERTIFICATION REVIEW:

Topic	CFR	Corrective Action	Recommendations/Comments	Status
Study Area Organizational Structure	23 CFR 450.310	None	1. The Federal Review Team recommends that the roles and responsibilities of the various technical, policy, and citizen committees be clarified and documented in concert with the current update of the Operating Agreement.	
Public Outreach	23 CFR 450.316, 322 & 324	None	1. AMATS should consider the formation of a Citizen's Advisory Committee with a membership that represents a broad cross-section of the AMATS area.	

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
510 Program Administration, Coordination & Support	2016	AMATS	\$178,425	\$178,425
510 Program Administration, Coordination & Support	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Administration of the metropolitan transportation planning process that complies with applicable federal and state regulations.
- ☐ Day-to-day staff operations.
- ☐ Continuing coordination between MOA and ADOT&PF staff to exchange information, discuss relevant transportation issues, and enhance MAP-21 management systems.
- ☐ Coordination with other transportation agencies, including, but not limited to the Alaska Railroad Corporation and the Port of Anchorage.

As required:

- ☐ Provide support to the Policy and TAC.
- ☐ Prepare and disseminate AMATS committee packets.
- ☐ Develop committee agendas.
- ☐ Transcribe minutes.
- ☐ Attend PC and TAC Committee meetings.

**TASK 520****STAFF DEVELOPMENT & TRAINING****OBJECTIVE:** A technically sound transportation program is staffed by skilled, qualified personnel.

This task continues the efforts toward improvement of the technical skills of AMATS and associated staff. Some development/training meetings will involve out-of-state travel (i.e., to include attending conferences, seminars, and training sessions at Transportation Research Board (TRB), Intelligent Transportation Society of America and Alaska (ITSA/A), American Planning Association (APA), US DOT Research and Innovative Technology Association (RITA), National Transit Institute (NTI), National Highway Institute (NHI), Association for Commuter Transportation (ACT), Association of Metropolitan Planning Organizations (AMPO), International Association for Public Participation (IAP2), Association of Pedestrian and Bicycle Professionals (APBP), Center for Urban Transportation Research (CUTR), Institute of Transportation Engineers (ITE), Project for Public Places, Public Relations Society of America and Alaska (PRSA/A), Shared-Use Mobility Center, and TransportationCamp).

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
520 Staff Development & Training	2016	AMATS	\$33,749	\$33,749
520 Staff Development & Training	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

2016:

- ☐ Staff will attend in-state and out-of-state conferences, seminars, and training sessions related to program needs.

2017:

- ☐ Staff will attend in-state and out-of-state conferences, seminars, and training sessions related to program needs.

**TASK 532 PUBLIC COORDINATION & OUTREACH**

OBJECTIVE: In accordance with applicable federal requirements and adopted public participation procedures, AMATS provides the general public with opportunities to participate in the metropolitan planning process by providing information on specific issues through a variety of channels. AMATS has developed a Public Participation Plan (PPP) to identify specific stakeholders and methods to gather and disseminate project-specific or plan-specific information.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
532 Public Coordination & Outreach	2016	AMATS	\$30,293	\$30,293
532 Public Coordination & Outreach	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Provide and consider how information can be disseminated so individuals can access meeting minutes and other public documents, and also assess how public comments can be handled to meet the needs of the public.
- ☐ Maintain comprehensive contact databases.
- ☐ Provide information to the general public through the website, meetings, social media, and other media.
- ☐ Coordinate and implement public involvement procedures and public participation plans (Ongoing).
- ☐ Consideration of new types of information, formats, and outlets for information distribution and dissemination.

As required:

- ☐ Create a quarterly AMATS blog/newsletter that is produced in January, April, July, and October of each year.
- ☐ Open houses and public meetings that encourage discussion between the agency and members of the public and to solicit public comment.
- ☐ Alternate methods of communication for those who do not have access to the Internet.

2016:

- ☐ Finalize AMATS style guide.
- ☐ MPO Brochures and Fact Sheets.
- ☐ Research and scope Project Outreach Program tools.

- ☐ Refine and update the Title VI Communications and Outreach Plan, including development of brochures and translation of key documents for Limited English Proficient groups.
- ☐ Adoption of AMATS Public Participation Plan.



TASK 533 STAKEHOLDER ENGAGEMENT & NVE CONSULTATION

OBJECTIVE: Provides for continuous outreach to resource agencies, freight operators, security agencies, inter-regional transit, rail providers, and air cargo carriers to integrate them into the metropolitan transportation planning process.

2015 CERTIFICATION REVIEW:

Topic	CFR	Corrective Action	Recommendations/Comments	Status
Agreements and Contracts	23 CFR 450.314	None	<p>1. The Federal Review Team recommends that AMATS consider developing an agreement with the Mat-Su Borough to define and clarify modeling protocols and procedures, including applicable model use and updates, data collection and sharing, validation techniques and socio-economic forecasting procedures.</p> <p>2. Discussions regarding the potential creation of a regional transit authority should continue to be investigated as transportation demand increases between the AMATS area and the Mat-Su Borough.</p>	

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
533 Stakeholder Engagement & NVE Consultation	2016	AMATS	\$30,162	\$30,162
533 Stakeholder Engagement & NVE Consultation	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Maintain working relationships and coordinated planning efforts.
- ☐ Utilization of stakeholder groups in agency transportation sub-area and other studies
- ☐ Facilitate and encourage information-sharing between partner agencies.
- ☐ Coordination with local governments, state agencies, Native Village of Eklutna, community groups, Military, and other stakeholders in reestablishing regional priorities, implementing projects, and identifying funding.
- ☐ Development and ongoing updates of extensive email distribution lists of potential stakeholders to be used to disseminate information on the MPO's activities and projects.
- ☐ Continue to host quarterly staff-level regional planners meetings to build relationships with our planning partners.

2017:

- ☐ Work towards developing an Agreement with MSB to address FHWA recommendations above.



TASK 534 WEBSITE & SOCIAL MEDIA MANAGEMENT

OBJECTIVE: Maintain, update, and continually improve AMATS website, Facebook, Twitter, Instagram accounts.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
534 Website & Social Media Management	2016	AMATS	\$17,218	\$17,218
534 Website & Social Media Management	2017	AMATS		

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Update and maintain an attractive, easy-to-use, informative, and up-to-date website that allows members of the public to view final AMATS projects and documents and informs users of upcoming meetings, public comment periods, and other AMATS activities.
- ☐ Develop and utilize informative and interesting social media sites such as Facebook, Twitter, Instagram pages, online ads, and any other technology or social media options that could be effectively used to reach members of the public.
- ☐ Update and enhance the AMATS website and social media sites as needed to increase ease of use and the range of information available.
- ☐ Evaluate website and social media insights

600 ELEMENT TRANSIT

OBJECTIVE: The MOA Transit Department receives funding for planning activities from the FTA Section 5303 program. These funds are passed from FTA to ADOT&PF. The Transit Department receives these funds from ADOT&PF in the form of a grant. Supplemental planning funds may be provided from the FTA Section 5307 program. Funding from FTA is to be used to conduct planning activities related to the operation and development of mass transportation services, facilities, and equipment. The program is expected to support the basic transportation planning process in place within the urbanized area; including capital planning, financial planning, and operations related planning essential to the provision of transit service, facilities, and equipment.

600 ELEMENT TASKS & FUNDING SUMMARY: The following tasks will be performed to achieve the objectives of this element. The objectives of each task are listed in detail with individual descriptions on the following pages.

600 ELEMENT	Lead Agency	FTA 5303 Carryover	FHWA CMAQ	FTA 5303	FTA 5307	Local Match	Total
610 Transit Planning Program Support & Administration	TRANSIT	\$12,000		\$100,000		\$28,000	\$140,000
620 Transit General Development & Comprehensive Planning	TRANSIT	\$56,000		\$5,000		\$15,200	\$76,250
630 Transit Long Range System Level Planning	TRANSIT	\$80,000		\$28,000		\$27,000	\$135,000
640 Transit Long Range Project Level Planning	TRANSIT			\$30,000	\$20,000	\$12,500	\$62,500
650 Transit Short-Range Transportation Planning	TRANSIT	\$2,400		\$168,000		\$42,600	\$213,000
660 Transit Transportation Improvement Program	TRANSIT	\$9,600		\$2,000		\$2,900	\$14,500
670 Transit Marketing	TRANSIT		\$438,522				\$438,522
680 Vanpooling	TRANSIT		\$300,000				\$300,000
681 Vanpool Program Administration & Management	TRANSIT		\$161,478				\$161,478
Total		\$139,000	\$900,000	\$333,000	\$40,000	\$104,200	\$1,516,200

TASK 610 PROGRAM SUPPORT AND ADMINISTRATION

OBJECTIVE: Manage the planning activities of the Transit Department to meet applicable federal, state, and municipal requirements. This task includes direct program support, administration, interagency communication and coordination, citizen participation, public information, and UPWP development. Standard compliance activities are also completed under this task.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FTA 5303 Carryover	FTA 5303	Local Match	Total
610 Transit Program Support & Administration	2016	TRANSIT	\$12,000	\$100,000	\$28,000	\$140,000
610 Transit Program Support & Administration	2017	TRANSIT	n/a	\$100,000	\$25,000	\$125,000

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Provide overall transit planning program administration; administration of transit planning grants.
- ☐ Produce quarterly and annual progress reports.
- ☐ Submit transit elements for the biennial UPWP.
- ☐ Provide staff support to AMATS.

- ☐ Attend professional development and national, state and local training opportunities.
- ☐ Solicit and encourage public participation and input for transit plans, programs, and services.
- ☐ Provide public information and local assistance for transit planning.
- ☐ Encourage and support private sector participation.
- ☐ Provide interagency coordination.
- ☐ Integrate and coordinate the Transit systems of contiguous communities.
- ☐ Encourage and support regional transportation coordination.
- ☐ Transportation coordination activities to continue planning and delivery of coordinated transportation for senior citizens, people with disabilities and low-income people.
- ☐ Administer and ensure compliance for Title VI, Limited English Proficiency (LEP), Disadvantaged/Women-Owned Business Enterprise (DBE/WBE), Affirmative Action, Americans with Disabilities Act (ADA), and other federal requirements.
- ☐ Staff support and coordination with the Public Transit Advisory Board (PTAB).

As required:

- ☐ Assist in the periodic updates of the Coordination Transportation Plan.
- ☐ Participate in the transit triennial review.

TASK 620 TRANSIT GENERAL DEVELOPMENT & COMPREHENSIVE PLANNING

OBJECTIVE: Provide the necessary non-transportation data and analysis program in support of transit planning. This task includes the development and maintenance of related data collection and analysis systems.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FTA 5303 Carryover	FTA 5303	Local Match	Total
620 Transit General Development & Comprehensive Planning	2016	TRANSIT	\$56,000	\$5,000	\$15,200	\$76,250
620 Transit General Development & Comprehensive Planning	2017	TRANSIT	n/a	\$5,000	\$1,250	\$6,250

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Collect necessary and related data as requested/required to support transit planning efforts and studies.
- ☐ Integrate the MOA Geographic Information System (GIS) into the transit planning function.
- ☐ Provide necessary analysis involving demographic and employment characteristics, land use, housing, human services, environmental and natural resources, public facilities and utilities, as well as transportation-related data.

TASK 630 TRANSIT LONG RANGE SYSTEM LEVEL PLANNING

OBJECTIVE: Support long-range (5+ years) transit and transportation system planning and analysis at the State and metropolitan area level. This task involves ensuring transit development is incorporated into area-wide long-range transportation plans.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FTA 5303 Carryover	FTA 5303	Local Match	Total
630 Transit Long Range System Level Planning	2016	TRANSIT	\$80,000	\$28,000	\$27,000	\$135,000
630 Transit Long Range System Level Planning	2017	TRANSIT	n/a	\$26,000	\$6,500	\$32,500

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Staff support for update efforts of the MTP, plan updates and priority projects.
- ☐ Long range transit visioning and planning.

As required:

- ☐ Assist in the development of long range travel forecasting and modeling, system analysis, sketch planning, system plan development, and all long-range Transportation System Management (TSM) activities.

TASK 640 TRANSIT LONG RANGE PROJECT LEVEL PLANNING

OBJECTIVE: Support long-range project and/or corridor level planning and analysis. This task involves coordinating transit elements into transportation and site developments and investments; coordinating transportation investments, land use development, and transit facility needs.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FTA 5303	FTA 5307	Local Match	Total
640 Transit Long Range Project Level Planning	2016	TRANSIT	\$30,000	\$20,000	\$12,500	\$62,500
640 Transit Long Range Project Level Planning	2017	TRANSIT	\$30,000	\$40,000	\$17,500	\$87,500

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Review plans/proposals of other public agencies or private developers that impact the Transit system, particularly as they influence transit operations and services.
- ☐ Plan for bus stop facilities consistent with adjacent land uses and transit needs.
- ☐ Develop and analyze transit capital facilities and equipment; transit campus facilities; safety and security needs assessments; audit/upgrade bus stops for compliance with the ADA, and the DCM.
- ☐ Provide staff resources and data for transit elements of local projects including corridor and sub-area studies.
- ☐ Plan for transit-oriented, pedestrian-friendly improvements, including bus shelters, stop locations, pathways to bus stops, and crossing improvements.
- ☐ Plan and develop/improve transit centers and transfer facilities in support of Anchorage's 2020 Comprehensive Plan recommendation of Town Center development.
- ☐ Conduct a feasibility analysis of alternative transit center facilities.

As required:

- ☐ Conduct transit supportive development corridor studies.
- ☐ Provide staff support for cost effectiveness studies, facility and location studies, and the preparation of draft environmental impact studies.

2016:

- ☐ Conduct and participate in transit supportive development corridor studies including the Spenard Corridor Strategic Plan.
- ☐ Conduct a feasibility analysis of alternative transit center facilities including the Muldoon Transfer Center.

2017:

- ☐ Conduct and participate in transit supportive development corridor studies including the Spenard Corridor Strategic Plan.

TASK 650 TRANSIT SHORT-RANGE TRANSPORTATION PLANNING

OBJECTIVE: Provide short range transit system and project planning and analysis proposed in the next three to five years. To implement specific programs, projects, and recommendations contained in long range policies and plans. Proposed transit projects will be reviewed for their potential impacts on the regional transportation network and for consistency with the PTD's strategic goals and policies.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FTA 5303 Carryover	FTA 5303	Local Match	Total
650 Transit Short-Range Transportation Planning	2016	TRANSIT	\$2,4000	\$168,000	\$42,600	\$213,000
650 Transit Short-Range Transportation Planning	2017	TRANSIT	n/a	\$168,000	\$42,000	\$201,000

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Provide necessary staff support for short-range transportation system or project planning and analysis proposed in the next three to five years.
- ☐ Continue on-going management analyses of internal operations and service planning for short-range programs and projects, including appropriate data base development and maintenance.
- ☐ Collect, monitor and analyze transit performance data including ridership, productivity, capacity, schedule adherence, operating cost, and revenue.
- ☐ Analyze and evaluate the system on a system, route, and segment level. Develop practices to verify, analyze and disseminate data collected.
- ☐ Continue to maintain transit operations data to support the transit planning function.
- ☐ Utilizing ITS technologies and other data collection tools conduct studies of running times, passenger activities, and automated passenger counting.
- ☐ Incorporate Intelligent Transportation Systems (ITS) in short-range transit planning projects to facilitate movement of transit buses in mixed traffic, improve communications, and enhance operational efficiencies, safety, and system performance.
- ☐ Provide support to new ITS activities.
- ☐ Support short range planning with attitude/awareness surveys, monthly and annual ridership reports, onboard surveys, ridership forecasts and origin-destination studies.
- ☐ Develop, propose, adopt, and coordinate implementation of route/service modifications, consistent with service design guidelines and plans.
- ☐ Perform service/operations planning activities which implement route restructure recommendations; develop/implement budget-mandated service adjustments.
- ☐ Provide staff resources to collect, manage, and maintain a geo-database of all bus stop locations with associated amenities to complement planning efforts.
- ☐ Financial management planning, including alternative farebox policies.
- ☐ Maintain an on-going system to aggregate and analyze farebox ridership data and structure.
- ☐ All short range Transportation System Management activities including vanpool/ridesharing, high occupancy vehicle studies, and parking management.

2016:

- ☐ Prepare short range transit visioning and Transit Development Plan.

TASK 660 TRANSIT TRANSPORTATION IMPROVEMENT PROGRAM

OBJECTIVE: Develop, monitor, and update the 6-year Municipal Capital Improvement Program and the Transportation Improvement Program (TIP) for Transit projects. The TIP process is used to satisfy the public participation process of the Program of Projects (POP) that is required in U.S.C. Section 5307.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FTA 5303 Carryover	FTA 5303	Local Match	Total
660 Transit Transportation Improvement Program	2016	TRANSIT	\$9,600	\$2,000	\$2,900	\$14,500
660 Transit Transportation Improvement Program	2017	TRANSIT	n/a	\$2,000	\$500	\$2,500

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Monitor and develop, as necessary, the Transit component of the TIP, based on transit level-of-service and projected capital needs.
- ☐ Coordinate transit projects contained in the TIP with the Municipal Capital Improvement Program (MOA/CIP) and State of Alaska Capital Improvement Program.

**TASK 670 TRANSIT MARKETING**

OBJECTIVE: Increase ridership, build institutional and service identity, and increase awareness of Transit's role and contribution to the community. Transit marketing seeks to: increase usage and market share for Transit and rideshare services, increase user quality and friendliness of Transit services, enhance Transit's image and brand, and Build community support for Transit and alternative modes.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA CMAQ	Total
670 Transit Marketing	2016	TRANSIT	\$438,522	\$438,522
670 Transit Marketing	2017	TRANSIT	\$480,286	\$480,286

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Promoting Transit's economic role as a workforce delivery system; educating passengers on acceptable and expected behaviors; and celebrating the diversity of our passengers through personal testimonials.
- ☐ Target major employment centers and educate employers about Transit benefits; provide employees with information about riding the bus.
- ☐ Attend job fairs, job centers and civic organizations.
- ☐ Write articles on Transit in targeted newsletters throughout the community.
- ☐ Reach out to new demographics.
- ☐ Expand U-Pass ridership by promoting existing U-Pass agreements with University of Alaska Anchorage, Alaska Pacific University, Charter College, Alaska Career College, Anchorage Charter College, ConocoPhillips, Anchorage School District and the MOA to grow ridership.
- ☐ Conduct an analysis of marketing programs, strategies, materials and resource allocation to examine the effectiveness of current and future marketing initiatives.
- ☐ Develop specific, primary marketing strategies using market research, travel behavior inputs, and cost-effectiveness criteria to guide strategic deployment of marketing resources.
- ☐ Formulate and evaluate direct marketing techniques to increase route ridership.
- ☐ Conduct survey(s) on ridership and collect data.

- ☐ Design marketing campaigns and materials to address key target audiences including “Choice Riders”, downtown commuters, large employers, commercial centers, and the Glenn Hwy corridor.
- ☐ Continue and increase staff development and training for both Transit and Marketing strategies.
- ☐ Create and execute 2016 & 2017 Transit Marketing Plans.
- ☐ Continue to implement Marketing Plan strategies through the 2016-2017 Work Program while looking for new ideas and areas for increased growth and ridership.
- ☐ Assist Transit Department with outreach and educational efforts for employees, riders and the general public.
- ☐ Through vanpool contractor and Share-A- Ride division, promote ridesharing benefits including, but not limited to Guaranteed Ride Home and Try-A-Ride.
- ☐ Recognize outstanding ETC’s, employers and participants through press releases and feature media articles.



TASK 680 VANPOOLING

OBJECTIVE: Increase the number of active vanpool commuters and groups by providing an efficient and cost-effective alternative commute service to Anchorage-area commuters.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA CMAQ	Total
680 Vanpooling	2016	TRANSIT	\$300,000	\$300,000
680 Vanpooling	2017	TRANSIT	\$258,236	\$258,236

EXPECTED PRODUCTS & SCHEDULE:

2016:

- ☐ Award a multi-year vanpool contract modifying the Anchorage vanpool program to incorporate Rideshare Best Practices and provide efficient and cost effective services.

Ongoing:

- ☐ The vanpool contract will provide at minimum vanpool matching, registration, driver and participant training, vehicles, fleet maintenance, vanpool account management, record management, Disadvantage Business Enterprise program goals, service reporting and National Transit Database reporting.
- ☐ Oversee vanpool program activities to increase the number of active vanpools in the Anchorage and Mat-Su commute area which may include vendor supplied vehicles, empty seat subsidies and/or high occupancy rate incentives.
- ☐ Reach out to database applicants to ensure their continual interest in the program, update their information in an effort to match them with other commuters. Ensure vanpool contractor promotes benefits of Guaranteed Ride Home program.



TASK 681 VANPOOL PROGRAM ADMINISTRATION & MANAGEMENT

OBJECTIVE: Provide Share-A-Ride program administration and management in an efficient and effective manner. Encourage and support alternatives to single occupant vehicle (SOV) drivers by coordinating with employers, sponsoring vanpool services and disseminating rideshare information.

TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA CMAQ	Total
680 Ridesharing Work Program	2016	TRANSIT	\$161,478	\$161,478
680 Ridesharing Work Program	2017	TRANSIT	\$161,748	\$161,478

EXPECTED PRODUCTS & SCHEDULE:

Ongoing:

- ☐ Rideshare staff will be a liaison for vanpool commuters with complaints and issues involving the vanpool service contractor.
- ☐ Operate the Share-A-Ride office weekdays 8a-5p, excluding Municipal holidays.
- ☐ Provide telephone, web information and coordination, as required.
- ☐ Maintain sound internal procedures; monitor and document performance; produce timely and accurate statistical and program reports.
- ☐ Provide grant management/reporting to ADOT&PF and FHWA, including employee supervision, issuance of quarterly and annual reports and budget oversight.
- ☐ Survey current vanpool participant to ensure vanpool contractor and program satisfaction.
- ☐ Increase the number of Employee Transportation Coordinators (ETC) by 5% each year through outreach, training, informational materials and media in the Municipality and commute areas, including the Mat-Su Borough.
- ☐ Provide outreach to employers with 35 or more employees in the downtown and midtown areas of Anchorage, including U-Med agencies, local, state and federal agencies to enlist Employee Transportation Coordinators who will promote alternate transportation options, commuter tax benefits, guaranteed ride home service and trial commuting trips.
- ☐ Increase staff knowledge and training on best practices in the rideshare industry through webinars, best practice guides, professional rideshare networks and conferences.
- ☐ Work with the Transit Marketing Division to develop Share-A-Ride program marketing strategies and provide promotional materials.
- ☐ Attend the Association for Commuter Transportation (ACT) conference or similar on an annual basis.
- ☐ Participate in online and teleconference meetings, networking and resource sharing.

APPENDIX A: 2015 KEY ACCOMPLISHMENTS BY ELEMENT

2015 KEY ACCOMPLISHMENTS BY ELEMENT

100 ELEMENT PLANS & PROGRAMS

- 2035 Interim Metropolitan Transportation Plan adopted.
- [Public Participation Plan Update.](#)
- Used Census data to map the concentration of Environmental Justice communities in the study area

200 ELEMENT SUBAREA/SPECIAL STUDIES

- [Regional Household Travel Survey and Transit Onboard Survey completed.](#)
- [ITS Architecture Update completed.](#)
- [Spenard Road Corridor Study REQUEST FOR PROPOSAL.](#)
- [CMP Update in progress.](#)
- [BikeLife Anchorage publication.](#)
- [Freight PSA.](#)
- [Travel with Care Campaign.](#)
- Creation of web based multimodal trip planner and smartphone/tablet applications for Apple and Android in progress.

300 ELEMENT AIR QUALITY

- Bike to Work Day 2015, 176 business teams registered and 3,677 riders on trails/streets from 6-8:30a.
- Generated 2 million exposures to clean air messages in 2015 through media as well as outreach events and presentations.

400 ELEMENT DATA COLLECTION/COMPUTER MODELING

- Adopted and approved socio-economic and employment forecasts for the Travel Demand Model Update and the 2040 MTP update.
- Initiated Travel Demand Model Update and created the Model Users Group.
- Surveyed the Model Users Group.
- Data collection included: Bluetooth/Origin and Destination Study for the Travel Demand Model Update, Travel Times on 27 corridors for the CMP and the 2015 Status of the System.

500 ELEMENT ADMINISTRATION & INVOLVEMENT

- Expanded the AMATS newsletter mailing list to include more non-profit organizations representing underserved populations.
- Website and social media audit and overhaul.
- Created and appointed membership to the Citizens Advisory Committee.
- Quarterly regional planners meetings.
- Ongoing coordination with the Mat-Su Borough on the Transportation

600 ELEMENT TRANSIT

- Implemented a service change.
- Initiated the Muldoon Transit Hub Alternatives Analysis.
- Improved route scheduling.
- Produced videos promoting vanpooling and added website details on the bus decals promoting vanpooling.
- Maintained vanpool participation during the summer 2015.
- Completed ride guide translations into Spanish, Korean, Russian, Hmong, and Tagalog
- Increased Web Page visits by 150%.
- Launched bus etiquette campaign by wrapping 12 bus ceilings and the Downtown Transit Center storefront.
- Increased number of trips taken by UPass riders in 2015.

APPENDIX B: UPWP TASKS & MAP-21 NATIONAL GOALS

UPWP TASKS & MAP-21 NATIONAL GOALS

2016 UPWP ELEMENT & TASKS	MAP-21 NATIONAL GOALS						
	Economic Vitality	Safety & Security	Access & Mobility	Environment	Connectivity	Efficiency	Preservation
100 PLANS & PROGRAMS							
110 UPWP & Fiscal Reports	x	x	x	x	x	x	x
120 Transportation Improvement Program	x	x	x	x	x	x	x
130 Metropolitan Transportation Plan	x	x	x	x	x	x	
140 Federal Planning Certification	x	x	x	x	x	x	x
150 Public Participation Plan	x	x	x	x	x	x	x
160 Title VI Program	x	x	x	x	x	x	x
200 SUBAREA/SPECIAL STUDIES							
210 Official Streets & Highway Plan		x	x	x	x		
211 Street Typology & Complete Streets		x	x	x	x		
220 Local Transportation Planning Coordination	x	x	x	x	x	x	
230 Non-motorized Transportation	x	x		x		x	x
231 Pedestrian Plan	x	x		x		x	x
232 Bicycle Plan	x	x		x		x	x
233 Areawide Trails Plan	x	x		x		x	x
242 Spenard Road Corridor	x	x	x	x	x	x	x
260 Freight Mobility	x		x	x	x	x	x
270 Emergency Transportation Mgt Safety & Security		x			x		
280 Intelligent Transportation Systems	x	x	x	x	x	x	x
290 Congestion Management/ Status of the System							
291 Implementation Strategies/ Signal Timing	x	x	x	x	x	x	x
292 Travel Options	x		x	x	x	x	
293 Coordinated Transportation	x	x	x	x	x	x	
300 AIR QUALITY							
310 Air Quality Monitoring/Analysis/ Reporting				x			
320 AQ Planning & SIP Revisions				x			
330 AQ Conformity Analysis				x		x	
340 Evaluation of Transportation related Air Pollution Controls				x			
350 Air Quality Promotion & Public Awareness Programs				x			
400 DATA & MODELING							
410 Traffic & Transportation Data							
440 Socio-Economic & Employment Data	x	x	x		x	x	
450 MAP-21 Project Modeling	x	x	x	x	x	x	x
480 TransCAD Simulation Model	x	x	x	x	x	x	x
500 ADMIN & INVOLVEMENT							
510 Program Administration, Coordination & Support	x	x	x	x	x	x	x
520 Staff Development & Training	x	x	x	x	x	x	x
532 Public Coordination & Outreach	x	x	x	x	x	x	
533 Stakeholder Engagement & NVE Consultation	x	x	x	x	x	x	

2016-17 UPWP ELEMENT & TASKS	Economic Vitality	Safety & Security	Access & Mobility	Environment	Connectivity	Efficiency	Preservation
534 Website & Social Media				x		x	
600 TRANSIT							
610 Transit Planning Program Support & Administration	x	x	x	x	x	x	x
620 Transit General Development & Comprehensive Planning	x	x	x	x	x	x	x
630 Transit Long Range System Level Planning	x	x	x	x	x	x	x
640 Transit Long Range Project Level Planning	x	x	x	x	x	x	x
650 Transit Short-Range Transportation Planning	x	x	x	x	x	x	x
660 Transit Transportation Improvement Program	x	x	x	x	x	x	x
670 Transit Marketing	x		x	x	x	x	
680 Vanpooling	x		x	x	x	x	
681 Vanpool Program Administration & Management			x			x	

Indicates MAP-21 Nation Goal is addressed.

x

APPENDIX C: ACRONYMS

ACRONYMS

3C	Continuing, Comprehensive & Cooperative Planning Process
ADA	<u>Americans with Disabilities Act</u>
ADOT&PF	<u>Alaska Department of Transportation & Public Facilities</u>
AMHTA	<u>Alaska Mental Health Trust Authority</u>
ATP	<u>Areawide Trails Plan</u>
BPAC	<u>Bicycle and Pedestrian Advisory Committee</u>
CAC	<u>Citizens Advisory Committee</u>
CMAQ	<u>Congestion Mitigation Air Quality</u>
CMP	<u>Congestion Management Process</u>
CO	<u>Carbon Monoxide</u>
EJ	<u>Environmental Justice</u>
EPA	<u>Environmental Protection Agency</u>
FAC	<u>Freight Advisory Committee</u>
FHWA	<u>Federal Highway Administration</u>
FTA	<u>Federal Transit Administration</u>
GIS	<u>Geographic Information System</u>
GPS	<u>Global Positioning System</u>
ITS	<u>Intelligent Transportation System</u>
MAP-21	<u>Moving Ahead for Progress in the 21st Century Act</u>
MOA	<u>Municipality of Anchorage</u>
MOU	Memorandum of Understanding
MPA	<u>Metropolitan Planning Area</u>
MPO	<u>Metropolitan Planning Organization</u>
MTP	<u>Metropolitan Transportation Plan</u>
PC	<u>Policy Committee</u>
PL	<u>Planning Funds</u>
PM-10	<u>Particulate Matter</u>
PPP	<u>Public Participation Plan</u>
SAFETEA-LU	<u>Safe, Accountable, Flexible, and Efficient Transportation Equity Act - A Legacy for Users</u>
STP	<u>Surface Transportation Program</u>
STIP	<u>State Transportation Improvement Program</u>
TAC	<u>Technical Advisory Committee</u>
TAP	<u>Transportation Alternative Program</u>
TDM	<u>Travel Demand Management</u>
TIP	<u>Transportation Improvement Program</u>
TOD	<u>Transit Oriented Development</u>
TMA	<u>Transportation Management Area</u>
USDOT	<u>United States Department of Transportation</u>
UPWP	<u>Unified Planning Work Program</u>

APPENDIX D: POLICY & TECHNICAL ADVISORY COMMITTEE MEMBERS

POLICY & TECHNICAL ADVISORY COMMITTEE MEMBERS

POLICY COMMITTEE:

Robert Campbell, Chair
 ADOT&PF Central Region Director
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Ethan Berkowitz, Vice Chair
 Municipality of Anchorage Mayor
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TECHNICAL ADVISORY COMMITTEE:

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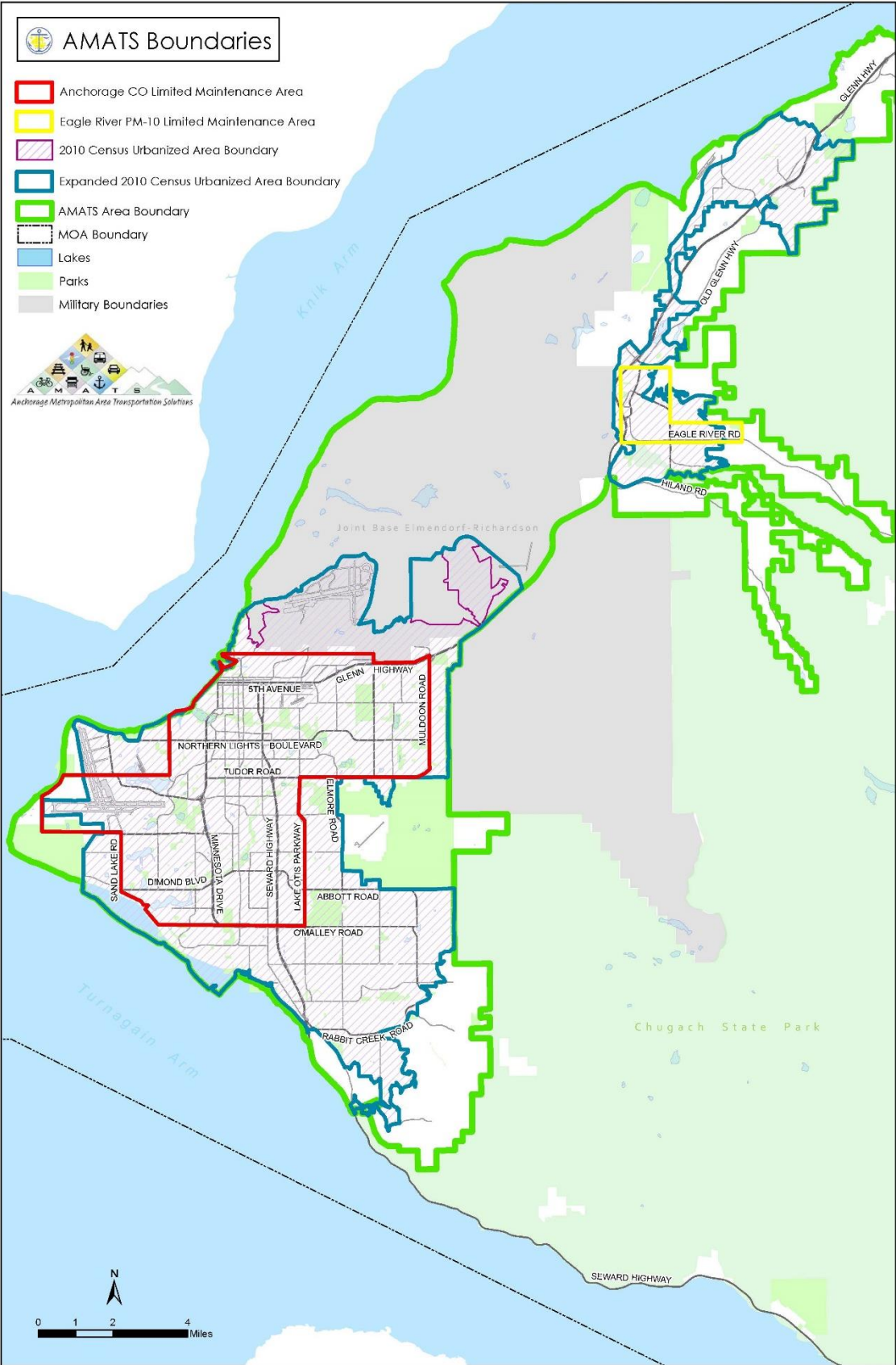
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APPENDIX E: METROPOLITAN AREA BOUNDARY MAP



APPENDIX F: UPDATING THE UPWP

UPDATING THE UPWP

Unified Planning Work Program Update

The UPWP is developed every two years and is amended as needed. The UPWP budget is updated annually. The UPWP update is reviewed by the CAC (program only), ADOT&PF, and the TAC (program and budget). The UPWP update is approved by the PC, FHWA, and the FTA (program and budget). The Federal funds are appropriated by the Anchorage Municipal Assembly.

The public review and comment period for the program (not the budget) is a minimum of 30 days.

Unified Planning Work Program Major Amendments

A major amendment includes cumulative budget adjustments at the element level, when amounts exceed 20% of original element budgets, or changes of \$25,000 or more to element budgets, or significant changes to the scope of individual tasks. UPWP major amendments are approved by the TAC, the PC, the ADOT&PF, FHWA and the FTA.

There is no public comment period for UPWP major amendments.

Unified Planning Work Program Minor Amendments

A minor amendment includes a cumulative budget adjustment when the estimate is less than 20 percent of the original budget. UPWP minor amendments are approved by the TAC only. A notice of the UPWP minor amendment is distributed to the PC, ADOT&PF, FHWA, and FTA.

There is no public comment period for UPWP minor amendments.

APPENDIX G: 2016 UPWP BUDGET

FINAL PC Approved Table 2. AMATS CY 2016 Annual Element Budget

Revenues and Expenditures of FHWA Metropolitan Planning (PL) funds, FTA 5303 (includes carryover) & 5307

Task	Description	Prelim Estimated FHWA PL \$ to AMATS	FHWA PL \$ to AMATS in-house personnel	FHWA PL \$ to AMATS contractual services	FHWA PL funds to ADOT * Planning 2	FHWA PL FUNDS TOTAL	FHWA SPR funds to ADOT * Planning	FHWA STP to AMATS 3	FHWA STP to Central Reg ADOT	FHWA CMAQ to MOA Transit	FTA 5303 to MOA Transit	FTA 5307 to MOA Transit	EPA / DEC Grants to DHHS	TOTAL FEDERAL REVENUE FUNDS	MOA Operating In-Kind Match	MOA Transit Local Match	ADOT *PL Cash Match	ADOT *SPR Cash Match	ADOT STP Cash Match	TOTAL WORK EFFORT FUNDING
110	UPWP/Fiscal Reports	\$ 129,663	\$ 129,663	\$ -	\$ -	\$ 129,663	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 129,663	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 129,663
120	Transportation Improvement Program (TIP)	\$ 10,487	\$ 10,487	\$ -	\$ 20,000	\$ 30,487	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,487	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,487
130	Metropolitan Transportation Plan (MTP)	\$ 170,000	\$ 150,000	\$ 20,000	\$ 51,200	\$ 221,200	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 821,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 821,200
140	Federal Planning Certification	\$ 3,952	\$ 3,952	\$ -	\$ -	\$ 3,952	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,952	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,952
150	Public Participation Plan	\$ 6,815	\$ 6,815	\$ -	\$ -	\$ 6,815	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,815	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,815
160	Title VI Program	\$ 6,815	\$ 6,815	\$ -	\$ -	\$ 6,815	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,815	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,815
	100 Element - Subtotal	\$ 327,732	\$ 307,732	\$ 20,000	\$ 71,200	\$ 398,932	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 998,932	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 998,932
210	Official Streets & Highways Plan	\$ 2,863	\$ 2,863	\$ -	\$ -	\$ 2,863	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,863	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,863
211	Street Typology & Complete Streets	\$ 8,558	\$ 8,558	\$ -	\$ -	\$ 8,558	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,558	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,558
220	Local Transportation Planning Coordination	\$ 66,588	\$ 66,588	\$ -	\$ -	\$ 66,588	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 66,588	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 66,588
230	Non-Motorized Transportation	\$ 43,644	\$ 28,644	\$ 15,000	\$ -	\$ 43,644	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,644	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,644
231	Pedestrian Plan	\$ 6,535	\$ 6,535	\$ -	\$ -	\$ 6,535	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,535	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,535
232	Bicycle Plan	\$ 32,507	\$ 32,507	\$ -	\$ -	\$ 32,507	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,507	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,507
233	Areawide Trails Plan	\$ 30,093	\$ 30,093	\$ -	\$ -	\$ 30,093	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,093	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,093
242	Spenard Road Corridor Study	\$ 50,741	\$ 50,741	\$ -	\$ -	\$ 50,741	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
260	Freight Mobility	\$ 42,316	\$ 42,316	\$ -	\$ -	\$ 42,316	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 292,316	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 292,316
270	Emergency Transportion Management, SAFETY & SECURITY	\$ 21,466	\$ 21,466	\$ -	\$ -	\$ 21,466	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,466	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,466
280	Intelligent Transportation Systems	\$ 14,311	\$ 14,311	\$ -	\$ 6,400	\$ 20,711	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,711	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,711
290	Congestion Management / Status of the System	\$ 7,155	\$ 7,155	\$ -	\$ 12,800	\$ 19,955	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,955	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,955
291	Implementation Strategies / Signal Timing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000
292	Travel Options	\$ 28,627	\$ 28,627	\$ -	\$ -	\$ 28,627	\$ -	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 98,627	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 98,627
293	Coordinated Transportation	\$ 15,403	\$ 15,403	\$ -	\$ -	\$ 15,403	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,403	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,403
	200 Element - Subtotal	\$ 370,807	\$ 355,807	\$ 15,000	\$ 19,200	\$ 390,007	\$ -	\$ 670,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,060,007	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,060,007
310	Air Quality Monitoring/ Analysis/ Reporting	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 140,000
320	AQ Planning & SIP Revisions	\$ 2,500	\$ 2,500	\$ -	\$ -	\$ 2,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 7,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,500
330	AQ Conformity Analyses	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000
340	Evaluation of Transportation-related Air Pollution Controls	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000
350	Air Quality Promotion and Public Awareness Programs	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 305,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 305,000
	300 Element - Subtotal	\$ 62,500	\$ 62,500	\$ -	\$ -	\$ 62,500	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 130,000	\$ 492,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 492,500
410	Traffic & Transportation Data	\$ 55,721	\$ 55,721	\$ -	\$ -	\$ 55,721	\$ -	\$ 320,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 375,721	\$ 113,202	\$ -	\$ -	\$ -	\$ -	\$ 488,923
440	Socio-Econ & Employment Data	\$ 21,519	\$ 21,519	\$ -	\$ 18,447	\$ 39,966	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,966	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,966
450	MAP-21 Project Modeling	\$ 14,346	\$ 14,346	\$ -	\$ -	\$ 14,346	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,346	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,346
480	TransCAD Simulation Model	\$ 41,519	\$ 21,519	\$ 20,000	\$ -	\$ 41,519	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 41,519	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 41,519
	400 Element - Subtotal	\$ 133,105	\$ 113,105	\$ 20,000	\$ 18,447	\$ 151,552	\$ -	\$ 320,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 471,552	\$ 113,202	\$ -	\$ -	\$ -	\$ -	\$ 584,754
510	AMATS Program Admin, Coord & Support	\$ 162,024	\$ 162,024	\$ -	\$ 16,401	\$ 178,425	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 178,425	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 178,425
520	Staff Development & Training	\$ 33,749	\$ 33,749	\$ -	\$ -	\$ 33,749	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,749	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,749
532	Public Coordination and Outreach	\$ 30,293	\$ 27,293	\$ 3,000	\$ -	\$ 30,293	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,293
533	Stakeholder Engagement and Consultation	\$ 30,162	\$ 30,162	\$ -	\$ -	\$ 30,162	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,162
534	Website and Social Media	\$ 17,218	\$ 17,218	\$ -	\$ -	\$ 17,218	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,218
	500 Element - Subtotal	\$ 273,446	\$ 270,446	\$ 3,000	\$ 16,401	\$ 289,847	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 289,847	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 289,847
610	Transit Program Support and Administration	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 112,000	\$ -	\$ -	\$ -	\$ -	\$ 28,000	\$ -	\$ -	\$ -	\$ 140,000
620	Transit General Development & Comprehensive Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,250	\$ -	\$ -	\$ -	\$ -	\$ 1,250	\$ -	\$ -	\$ -	\$ 7,500
630	Transit Long Range System Level Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 150,000
640	Transit Long Range Project Level Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 12,500	\$ -	\$ -	\$ -	\$ 42,500
650	Transit Short Range Transportation Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 224,000	\$ -	\$ -	\$ -	\$ -	\$ 56,000	\$ -	\$ -	\$ -	\$ 280,000
660	Transit Transportation Improvement Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000	\$ -	\$ -	\$ -	\$ -	\$ 500	\$ -	\$ -	\$ -	\$ 2,500
670	Transit Marketing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 438,522	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 438,522
680	Vanpooling	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
681	Vanpool Program Administration & Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 161,478	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 161,478
	600 Element - Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 900,000	\$ 494,250	\$ 20,000	\$ -	\$ -	\$ -	\$ 128,250	\$ -	\$ -	\$ -	\$ 1,542,500
	Total -- Year 2016 Work Program	\$ 1,167,590	\$ 1,109,590	\$ 58,000	\$ 125,248	\$ 1,292,838	\$ -	\$ 1,890,000	\$ -	\$ 900,000	\$ 494,250	\$ 20,000	\$ 130,000	\$ 4,727,088	\$ 113,202	\$ 128,250	\$ -	\$ -	\$ -	\$ 4,968,540
Incorporates MOA Community Development Dept/Transportation Planning indirect cost allocation rate for 2016 = 0.225 (i.e., overhead rate of 22.5%)																				