

# 2018-19 UNIFIED PLANNING WORK PROGRAM

ANCHORAGE METROPOLITAN AREA TRANSPORTATION SOLUTIONS

Transportation Planning Activities

Approved November 16, 2017

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### AMATS TRANSPORTATION PLANNING

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This document was prepared as a cooperative effort of the USDOT, FHWA, FTA, and local governments as a requirement of 23 USC 134 and 135. This document does not necessarily reflect the official views or policies of the USDOT.

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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 [Fixing America's Surface Transportation \(FAST\) Act](#) 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 BLOCK 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**

The FAST Act 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 FWHA 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**

The FAST Act is the most recent federal transportation legislation passed by U.S. Congress and signed into law by President Obama in 2015. This is the first federal law in over a decade to provide long-term funding certainty for surface transportation infrastructure planning and investment. The FAST Act authorizes \$305 billion over fiscal years 2016 through 2020 for highway, highway and motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail, and research, technology, and statistics programs. The FAST Act maintains MAP-21's focus on safety, keeps intact the established structure of the various highway-related programs we manage, continues efforts to streamline project delivery and, for the first time, provides a dedicated source of federal dollars for freight projects.

AMATS began incorporating the MAP-21 planning requirements in the 2014-15 UPWP. The planning factors 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 ten planning factors as defined in federal legislation. The FAST Act added two additional planning factors: Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation and Enhance travel and tourism.

The ten planning factors 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 the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
7. Promote efficient system management and operation;
8. Emphasize the preservation of the existing transportation system;
9. Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation; and
10. Enhance travel and tourism.

The 2018-19 UPWP was prepared around the ten planning factors; some have entire tasks devoted to them, while others have their intent woven throughout the fabric of various activities.

### **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 entering its 41<sup>st</sup> year as the MPO and 26<sup>th</sup> 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, Urbanized Area Boundary, Metropolitan Planning Area Boundary, Air Quality Maintenance Area Boundary (AQMA). Maps for these boundaries can be found in the Appendix.

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:

AMATS is housed within the Municipality of Anchorage and functions under the Office of Economic and Community Development, Transportation Planning Division. Other Municipal departments provide expertise and added support. These agencies include the Project Management & Engineering Division, the Traffic Division, the Planning 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 2018-19 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 were incorporated into the 2016-17 UPWP and carryover into the 2018-19 UPWP work plan by element. The next Federal Planning Certification is scheduled for 2019.

### 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 2018-19 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: 2018-19

During the next two years of the UPWP, AMATS will continue to develop and implement performance based planning in response to the FAST Act, 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 FAST Act.

- [2040 Metropolitan Transportation Plan](#): AMATS will focus the bulk of activities during 2018-19 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 Municipality of Anchorage is ranked as the 14<sup>th</sup> 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.
- [Complete Streets Policy and Street Typologies Plan/Map](#): AMATS will develop a Complete Streets Policy and Street Typologies Map/Plan. These documents will help coordinate the efforts of local and state agencies in the planning, construction and maintenance of streets that serve a multi-modal purpose. They will also coordinate with Municipality of Anchorage's Vision Zero program to reduce traffic deaths and improve the safety of AMATS area streets. One important component will include an in depth study of maintenance capabilities and needs to keep abreast of AMATS area current and future population counts and the increased number of people choosing non-motorized transportation options.
- [Human Service Coordinated Transportation Plan Update](#): FTA 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 Human Service 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 encourage increases in transit use, while promoting sound land use practices and protecting the substantial investment in transportation projects.
- [Freight Mobility Study](#): The goal of this study is to implement 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.
- **Non-motorized Plan:** AMATS will create a Non-motorized Plan to be a comprehensive update to all three of AMATS' non-motorized plans including the Anchorage Bicycle Plan, Anchorage Pedestrian Plan, and the Anchorage Trails Plan. The purpose of this comprehensive plan update is to look at the opportunities to increase and expand multi-modal facilities, for both recreation and transportation, throughout Municipality of Anchorage. The project will consider future land use developments, major origins and destinations within Municipality of Anchorage, along with current and proposed pedestrian, bicycle and trail networks to create an interconnected multi-modal system for the residents within Municipality of Anchorage.
- **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 and FAST Act Performance Provisions, are anticipated to be delivered at various times throughout the life of this document.
- **Public Involvement and Outreach:** 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 Municipality of Anchorage'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 Plan, and complete the Muldoon Transit Hub Alternatives Analysis.
- **Travel Options:** Implementing strategies, programs, and coordinating investments to enhance traveler opportunities to walk, bike, take transit, share rides, and telecommute. These strategies provide

additional solutions to system capacity issues; while helping create 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 its planning partners within the AMATS boundary and regionally- including ADOT&PF, Mat-Su Borough, and the Native Village of Eklutna.

## 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 the FAST Act, 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	Total
110 UPWP & Fiscal Reports	AMATS	\$ 135,419	\$ 135,419
120 Transportation Improvement Program	AMATS	\$ 118,521	\$ 118,521
130 Metropolitan Transportation Plan	AMATS	\$ 266,623	\$ 266,623
140 Federal Planning Certification	AMATS	\$ 4,004	\$ 4,004
150 Public Participation Plan	AMATS	\$ 7,023	\$ 7,023
160 Title VI Program	AMATS	\$ 7,023	\$ 7,023
<b>Total</b>		<b>\$ 538,613</b>	<b>\$ 538,613</b>



### 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	<a href="#">23 CFR 450.308</a>	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.	✓
UPWP	<a href="#">23 CFR 450.308</a>	None	2. Provide an early draft of the UPWP to FHWA and FTA for review and comment.	✓
UPWP	<a href="#">23 CFR 450.308</a>	None	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	2018	AMATS	\$135,419	\$135,419
110 UPWP & Fiscal Reports	2019	AMATS		

**EXPECTED PRODUCTS & SCHEDULE**

Ongoing:

- Monitor the 2018-2019 UPWP.

As required:

- Coordinate the 2018-2019 UPWP with the MOA Planning 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.

2018:

- Prepare the 2019 Annual Fiscal Element to the UPWP for review by November 2018
- Adopt the 2019 Annual Fiscal Element of the UPWP by December 2018.

2019:

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

**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	<a href="#">23 CFR 450.324, 326 &amp; 328</a>	None	1. Project information should clearly state the type of funding being used.	✓
TIP	<a href="#">23 CFR 450.324, 326 &amp; 328</a>	None	2. In particular, the CMAQ table includes projects that are funded with other than CMAQ funds, which may be confusing.	New TIP development in progress. Will incorporate in 2019-22 TIP.

**TASK FUNDING SUMMARY:**

Task	YR	Lead Agency	FHWA PL	Total
120 Transportation Improvement Program	2018	AMATS	\$118,521	\$118,521
120 Transportation Improvement Program	2019	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.

2018:

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

2019:

- Review capital budget bills for consistency with adopted AMATS Plans and Programs.
- Develop and approve the 2019-22 TIP with adoption before August 2019.



**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	<a href="#">23 CFR 450.322</a>	None	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.	Per PC Resolution 8-24-17, the KAC will not be included in the 2040 MTP.
MTP	<a href="#">23 CFR 450.322</a>	None	2. The MTP update, scheduled for completion in December 2019, should include updated cost estimates (design, construction, operation, maintenance) and anticipated revenue sources to support the revised KAC Financial Plan.	Per PC Resolution 8-24-17, the KAC will not be included in the 2040 MTP.
MTP	<a href="#">23 CFR 450.322</a>	None	3. AMATS has a good spreadsheet tool to analyze and demonstrate financial constraint, but it is not easily understood by the public.	
MTP	<a href="#">23 CFR 450.322</a>	None	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.	The Interim 2035 MTP created an easy-to-read and understand Summary Table. This format will be used for 2040 MTP.

**TASK FUNDING SUMMARY:**

Task	YR	Lead Agency	FHWA PL	Total
130 Metropolitan Transportation Plan	2018	AMATS	\$266,623	\$266,623
130 Metropolitan Transportation Plan	2019	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.

2018:

- Continue work on 2040 MTP.

2019:

Public Review Draft anticipated by Q1 2019; approval of 2040 MTP and Air Quality Conformity Determination due by November 19, 2019. .



**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	<a href="#">23 CFR 450.334</a>	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.	
Self-Certification	<a href="#">23 CFR 450.334</a>	None	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	2018	AMATS	\$4,004	\$4,004
140 Federal Planning Certification	2019	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.

2019:

- Prepare and plan for the 2019 Federal Planning Certification.



**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	2018	AMATS	\$7,023	\$7,023
150 Public Participation Plan	2019	AMATS		



**EXPECTED PRODUCTS & SCHEDULE:**

Ongoing:

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

2018:

- Finish update to the AMATS PPP in 2nd quarter of 2018.
- Engage Anchorage public through PPP guidelines on AMATS planning efforts.
- Continue expanding Environmental Justice outreach contacts through AMATS planning efforts.

2019:

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



**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	<a href="#">23 CFR 450.334</a>	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	2018	AMATS	\$7,023	\$7,023
160 Title VI Program	2019	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.

2018:

- 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.

2019:

- 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	\$3,140	\$-	\$3,140
211 Complete Streets	AMATS	\$12,538	\$-	\$12,538
220 Local Transportation Planning Coordination	AMATS	\$42,982	\$-	\$42,982
230 Non-motorized Transportation	AMATS	\$72,931	\$-	\$72,931
242 Spenard Corridor Plan	AMATS	\$49,805	\$-	\$49,805
260 Freight Mobility	AMATS	\$7,630	\$-	\$7,630
280 Intelligent Transportation Systems	AMATS	\$7,252	\$-	\$7,252
290 Congestion Management/ Status of the System	AMATS	\$17,626	\$-	\$17,626
291 Implementation Strategies/ Signal Timing	TRAFFIC	\$-	\$350,000	\$350,000
292 Travel Options	AMATS	\$39,151	\$70,000	\$109,151
293 Human Service Coordinated Transportation	AMATS	\$40,231	\$-	\$40,231
<b>Total</b>		<b>\$293,286</b>	<b>\$ 420,000</b>	<b>\$713,286</b>



### 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 Metropolitan Transportation Plan.

#### TASK FUNDING SUMMARY:

Task	YR	Lead Agency	FHWA PL	Total
210 Official Streets & Highway Plan	2018	AMATS	\$3,140	\$3,140
210 Official Streets & Highway Plan	2019	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.

2018:

- Continue to monitor the OS&HP and provide interpretation of the adopted plan maps.
- Incorporate elements of the OSHP into development of the Complete Streets Policy and Street Typologies Map.

- Prepare necessary amendments, in accordance with the recommendations of the Comprehensive Plans adopted within the AMATS boundary, 2040 Land Use Plan, and the MTP.
- Implement the OS&HP through development project reviews, road project reviews, and special studies.

2019:

- Continue to monitor the OS&HP and provide interpretation of the adopted plan maps.
- Implement the OS&HP through development project reviews, road project reviews, and special studies.



**TASK 211 COMPLETE STREETS**

**OBJECTIVE:** Develop a Complete Streets Policy and Street Typology Plan that incorporate existing and future land uses within the AMATS boundary. 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 Complete Streets	2018	AMATS	\$12,538	\$12,538
211 Complete Streets	2019	AMATS		

**EXPECTED PRODUCTS & SCHEDULE:**

2018:

- Work with applicable MOA departments/divisions/sections and the public/communities to determine the appropriate street typology (from the list provided in the MTP and OS&HP) for each collector and arterial street within the AMATS boundary.
- 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.

2019:

- Incorporate Complete Streets Policy and Street Typologies Plan into existing and new AMATS plans and projects.



**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	2018	AMATS	\$42,982	\$42,982
220 Local Transportation Planning Coordination	2019	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 AMATS area 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	2018	AMATS	\$72,931	\$72,931
230 Non-motorized Transportation	2019	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.

2018:

- Manage the creation of the AMATS Non-motorized Plan
- Manage the BikeLife Anchorage publication as part of the AMATS initiative to perform public outreach and improve safety for bicyclists and pedestrians in the AMATS boundary.
- Coordinate with the Municipality of Anchorage’s Vision Zero program to seek continued solutions to transportation safety related concerns.

2019:

- Manage review and adoption of the AMATS Non-motorized Plan.



**TASK 242**                      **SPENARD CORRIDOR PLAN**

**OBJECTIVE:** The Spenard Corridor Plan (SCP) 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 Corridor Plan	2018	AMATS	\$49,805	\$49,805
242 Spenard Corridor Plan	2019	AMATS		

**EXPECTED PRODUCTS & SCHEDULE:**

Ongoing:

- Develop land use inventory.

- Project management of SCP.

2018:

- Oversee Spenard Corridor Plan adoption and plan distribution
- Oversee formation of the Spenard Corridor Plan Implementation Committee

2019:

- Oversee implementation of the Spenard Corridor Plan.



**TASK 260 FREIGHT MOBILITY**

**OBJECTIVE:** Continue to prioritize and implement recommendations of the adopted 2017 Freight Mobility Study, 2035 Metropolitan Transportation Plan and the future recommendations of the 2040 Metropolitan Plan (when complete) with assistance of the Freight Advisory Committee.

**TASK FUNDING SUMMARY:**

Task	YR	Lead Agency	FHWA PL	Total
260 Freight Mobility	2018	AMATS	\$7,630	\$7,630
260 Freight Mobility	2019	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.
- Conduct the biennial Anchorage Freight Forum, 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 an effort to develop identified freight corridors.

2018:

- Implement Freight Mobility Study.
- Select Freight Infrastructure projects for TIP nomination.
- Develop data procedures and collection efforts required for freight performance measures.
- Apply for appropriate federal grants.

2019:

- Implement Freight Mobility Study and recommendations from the MTP.
- Select Freight Infrastructure projects for TIP nomination.
- Continue data collection efforts for freight performance measures.
- Evaluate the feasibility of freight corridors.



**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	<a href="#">23 CFR 940</a>	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	2018	AMATS	\$7,252	\$7,252
280 Intelligent Transportation Systems	2019	AMATS		

**EXPECTED PRODUCTS & SCHEDULE:**

Ongoing:

- Work with stakeholders to implement and maintain the Anchorage Regional ITS Architecture, as needed
- 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, including autonomous/connected vehicles.

2019:

- Develop Request for Proposal for ITS Strategic Implementation Plan by end of 2019, to be combined with Request for Proposal for Congestion Management Strategic Implementation Plan (see Task 290) into a single Transportation Systems Management and Operations (TSMO) Strategic Implementation Plan.

**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. AMATS updated and approved the CMP to be compliant with MAP-21 legislation and guidance in 2016.

**2015 CERTIFICATION REVIEW:**

Topic	CFR	Corrective Action	Recommendations/Comments	Status
Congestion Management Process (CMP)	<a href="#">23 CFR 450.320</a>	None	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).	✓
Congestion Management Process (CMP)	<a href="#">23 CFR 450.320</a>	None	2. Current efforts to further develop the CMP should be coordinated with FHWA/FTA to ensure the previous corrective action (2011) is addressed adequately.	✓
Congestion Management Process (CMP)	<a href="#">23 CFR 450.320</a>	None	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.	See Task 290, 2019.

**TASK FUNDING SUMMARY:**

Task	YR	Lead Agency	FHWA PL	Total
290 Congestion Management/ Status of the System	2018	AMATS	\$17,626	\$17,626
290 Congestion Management/ Status of the System	2019	AMATS		

**EXPECTED PRODUCTS & SCHEDULE:**

2018:

- Develop Request for Proposal for the Status of the System Report.
- Develop Request or Proposal for Congestion Management Strategic Implementation Plan.

2019:

- Coordinate with RPF for ITS Strategic Implementation Plan under Task 280.
- Contract with consultant for Status of the System Report.
- Contract with consultant for Congestion Management Strategic Implementation Plan.

**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	2018	TRAFFIC	\$-	\$350,000	\$350,000
291 Implementation Strategies/ Signal Timing	2019	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:** Transportation Demand Management strategies that emphasize multimodal transportation use. Travel options provides information and education on the various modes available; improving community mobility and accessibility.

**TASK FUNDING SUMMARY:**

Task	YR	Lead Agency	FHWA PL	FHWA STP	Total
292 Travel Options	2018	AMATS	\$39,151	\$70,000	\$109,151
292 Travel Options	2019	AMATS			

**EXPECTED PRODUCTS & SCHEDULE:**

Ongoing:

- Encourage alternative of transportation options, telecommuting, cooperation of large employers, and creative solutions that will provide choice and reduce traffic.
- Coordinate with Department of Health and Human Services Air Quality on the use of LinkAK and Bike to Work Day.
- Coordinate with Transit to maximize Employee Transportation Coordinators (ETC) program through the use of LinkAK.



- Coordinate within the Municipality of Anchorage and Mat-Su Borough to engage citizens traveling along the Glenn Highway.

As required:

- Create outreach materials for LinkAK.
- Create outreach materials for LinkAK App.

2018:

- Use LinkAK for Bike to Work Day (week).
- Establish SchoolPool at least five (2) schools in Anchorage.
- Host challenge Participate in National Rideshare Month (October).
- Draft Request for Proposal for Transportation Demand Management Plan.

2019:

- Release Request for Proposal for Transportation Demand Management Plan.
- Continue to use LinkAK for Bike to Work Day (week).
- Establish SchoolPool at least seven (7) schools in Anchorage.
- Host two local Commuter Challenges and participate in National Rideshare Month (October).



**TASK 293**      HUMAN SERVICE COORDINATED TRANSPORTATION

**OBJECTIVE:** Transportation coordination activities to continue planning and delivery of coordinated transportation for senior citizens, people with disabilities, people with limited English proficiency, and low-income populations; and prepare periodic updates of the Coordinated Transportation Plan in accordance with the FAST Act.

**TASK FUNDING SUMMARY:**

Task	YR	Lead Agency	FHWA PL	Total
293 Coordinated Transportation	2018	AMATS	\$40,231	\$40,231
293 Coordinated Transportation	2019	AMATS		

**EXPECTED PRODUCTS & SCHEDULE:**

2018:

- Contract with consultant to complete the Coordinated Transportation Plan update.

## 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 STP	Total
310 Air Quality Monitoring/Analysis/ Reporting	DHHS	\$ 40,000	\$-	\$-
320 AQ Planning & SIP Revisions	DHHS	\$ 2,500	\$-	\$-
330 AQ Conformity Analysis	DHHS	\$ 5,000	\$-	\$-
340 Evaluation of Transportation related Air Pollution Controls	DHHS	\$ 10,000	\$-	\$-
350 Air Quality Promotion & Public Awareness Programs	DHHS	\$ 5,000	\$ 300,000	\$305,000
<b>Total</b>		\$ 62,500	\$ 300,000	\$362,500



### 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	Total
310 Air Quality Monitoring/Analysis/ Reporting	2018	DHHS	\$ 40,000	\$ 40,000
310 Air Quality Monitoring/Analysis/ Reporting	2019	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.

2018:

- 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.

2019:

- 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	Total
320 AQ Planning & SIP Revisions	2018	DHHS	\$ 2,500	\$ 2,500
320 AQ Planning & SIP Revisions	2019	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	Total
330 AQ Conformity Analysis	2018	DHHS	\$5,000	\$5,000
330 AQ Conformity Analysis	2019	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	Total
340 Evaluation of Transportation related Air Pollution Controls	2018	DHHS	\$10,000	\$10,000
340 Evaluation of Transportation related Air Pollution Controls	2019	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 STP	Total
350 Air Quality Promotion & Public Awareness Programs	2018	DHHS	\$5,000	\$300,000	\$305,000
350 Air Quality Promotion & Public Awareness Programs	2019	DHHS			

#### EXPECTED PRODUCTS & SCHEDULE:

2018:

- 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.

2019:

- 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	\$ 105,721	\$ 460,000	\$ 113,202	\$ 678,923
440 Socio-Economic & Employment Data	AMATS	\$ 21,519	\$ -	\$ -	\$ 21,519
450 Project Modeling	AMATS	\$ 14,346	\$ -	\$ -	\$ 14,346
480 TransCAD Simulation Model	AMATS	\$ 46,809	\$ -	\$ -	\$ 46,809
<b>Total</b>		\$ 188,879	\$ 460,000	\$ 113,202	\$ 762,081



**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. Supports coordination of data activities between the MOA and the State. Improves transparency of transportation information and statistics with a publically accessible system.

**TASK FUNDING SUMMARY:**

Task	YR	Lead Agency	FHWA PL Funds	FHWA STP	Local Match	Total
410 Traffic & Transportation Data	2018	TRAFFIC	\$ 105,721	\$ 460,000	\$ 113,202	\$ 678,923
410 Traffic & Transportation Data	2019	TRAFFIC				

**EXPECTED PRODUCTS & SCHEDULE:**

Ongoing:

- MOA Traffic staff collects, analyzes and produces a statistical and informational report for further use and traffic trend evaluation regarding roadways and trails within the Municipality.
- MOA Traffic staff updates and manages a public web-accessible system containing available transportation information.



**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 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. The AMATS household travel survey is complete and the model now reflects current travel patterns and socio-economic data.

**TASK FUNDING SUMMARY:**

Task	YR	Lead Agency	FHWA PL	Total
440 Socio-Economic & Employment Data	2018	AMATS	\$21,519	\$21,519
440 Socio-Economic & Employment Data	2019	AMATS		

**EXPECTED PRODUCTS & SCHEDULE:**

As required:

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

2018:

- 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 MOA Planning Department and the Public Transportation Department to integrate land use and zoning with transportation projections.
- Analyze and evaluate transportation cost/benefit analysis and socioeconomic programs to establish whether such a program is needed for AMATS.

2019:

- 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 MOA Planning Department to integrate land use and zoning with transportation projections.
- Determine an appropriate transportation cost/benefit analysis and socioeconomic programs and purchase.



**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	2018	AMATS	\$14,346	\$14,346
450 Project Modeling	2019	AMATS		

**EXPECTED PRODUCTS & SCHEDULE:**

As required:

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

2018:

- Draft Model request process.
- Draft Model request materials.

2019:

- Update Model request process as needed.
- Develop Model guidance and policy.

**TASK 480      TRANSCAD SIMULATION MODEL**

**OBJECTIVE:** Monitor and update the transportation demand model for accuracy. As part of this effort, AMATS contracted with a professional consulting firm to provide technical and operational support of the transportation demand model along with updating the travel demand model to reflect current traffic and socio-economic data.

**TASK FUNDING SUMMARY:**

Task	YR	Lead Agency	FHWA PL	Total
480 TransCAD Simulation Model	2018	AMATS	\$46,809	\$46,809
480 TransCAD Simulation Model	2019	AMATS		

**EXPECTED PRODUCTS & SCHEDULE:**

2018:

- Activities within this task include any/all work necessary to run and execute the model for all and any MTP work.
- Prepare maps, forecasts, and other data tools as needed.
- Determine needed model post processors.
- Collaborate with regional partners and agencies to reflect current trends and data.

2019:

- Activities within this task include any/all work necessary to run and execute the model for all and any MTP work.
- Prepare maps, forecasts, and other data tools as needed.
- Implement new post processors.
- Collaborate with regional partners and agencies to reflect current trends and data.

**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	\$217,114	\$217,114
520 Staff Development & Training	AMATS	\$54,915	\$54,915
532 Public Involvement & Outreach	AMATS	\$87,849	\$87,849
534 Website & Social Media	AMATS	\$21,184	\$21,184
<b>Total</b>		<b>\$381,062</b>	<b>\$381,062</b>



**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	<a href="#">23 CFR 450.310</a>	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.	In Progress
Public Outreach	<a href="#">23 CFR 450.316, 322 &amp; 324</a>	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	2018	AMATS	\$217,114	\$217,114
510 Program Administration, Coordination & Support	2019	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 the Municipality of Anchorage and ADOT&PF staff to exchange information, discuss relevant transportation issues, and enhance MAP-21/FAST Act 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, TAC, and CAC.
- Prepare and disseminate AMATS committee packets.
- Develop committee agendas.
- Transcribe minutes.
- Attend PC, TAC, and CAC Committee meetings.

2018:

- Purchase iPads and accompanying equipment for Policy Committee and Technical Advisory Committee to reduce time and materials needed for Committee member meeting packets.

  **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	2018	AMATS	\$54,915	\$54,915
520 Staff Development & Training	2019	AMATS		

**EXPECTED PRODUCTS & SCHEDULE:**

2018:

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

2019:

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



**TASK 532 PUBLIC INVOLVEMENT & 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 the Public Participation Plan (PPP) to identify specific stakeholders and methods to gather and disseminate project-specific or plan-specific information. Additionally, this task 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	<a href="#">23 CFR 450.314</a>	None	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.	See below, Task 532 2018/19.
Agreements and Contracts	<a href="#">23 CFR 450.314</a>	None	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.	

**TASK FUNDING SUMMARY:**

Task	YR	Lead Agency	FHWA PL	Total
532 Public Involvement & Outreach	2018	AMATS	\$87,849	\$87,849
532 Public Involvement & Outreach	2019	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 potential stakeholders to be used to disseminate information on the MPO’s activities and projects.

- 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.
- Maintain working relationships and coordinated planning efforts.
- 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.
- Continue to host quarterly staff-level regional planners meetings to build relationships with our planning partners.
- Continue efforts toward implementing a safety campaign and educational materials to meet FHWA outreach safety initiatives.

As required:

- Participate and/or host open houses and public meetings that encourage discussion between the agency and members of the public and to solicit public comment.
- Utilization of stakeholder groups in agency transportation sub-area and other studies.
- Alternate methods of communication for those who do not have access to the Internet.
- Purchase brand related items to help promote AMATS plans, programs, and activities at outreach events.

2018:

- Develop Request for Proposal for Branding, Media Creation, and Placement. This includes graphic creation and placement of general advertisements including but not limited to news and social media ads, newsletters, social media content, radio, television, video production, and Public Service Announcements.
- Contract with Consultant for Branding, Media Creation, and Placement.
- Research and scope Project Outreach Program tools.
- Work towards developing an Agreement with MSB to address FHWA recommendations above.

2019:

- Work towards developing an Agreement with MSB to address FHWA recommendations above.
- Begin updating AMATS Public Participation Plan.
- As part of the PPP update, refine the Title VI Communications and Outreach Plan.



**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	2018	AMATS	\$21,184	\$21,184
534 Website & Social Media Management	2019	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

2018:

- Develop Request for Proposal for the development of an externally hosted website for AMATS.

2019:

- Contract with Consultant for the development of an externally hosted website for AMATS.
- Develop and implement an externally hosted website.

## 600 ELEMENT TRANSIT

**OBJECTIVE:** The MOA Public Transportation 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			100,000		25,000	125,000
620 Transit General Development & Comprehensive Planning	TRANSIT			5,000		1,250	6,250
630 Transit Long Range System Level Planning	TRANSIT			28,000		7,000	35,000
640 Transit Long Range Project Level Planning	TRANSIT			30,000		7,500	37,500
650 Transit Short-Range Transportation Planning	TRANSIT			164,162		41,041	205,203
660 Transit Transportation Improvement Program	TRANSIT			2,000		500	2,500
670 Transit Marketing	TRANSIT		534,460				534,460
680 Vanpooling	TRANSIT		235,540				235,540
681 Vanpool Program Administration & Management	TRANSIT		130,000				130,000
<b>Total</b>			<b>900,000</b>	<b>329,161</b>		<b>82,290</b>	<b>1,311,451</b>

### TASK 610 PROGRAM SUPPORT AND ADMINISTRATION

**OBJECTIVE:** Manage the planning activities of the Public Transportation Department to meet applicable federal, state, and municipal requirements. This task includes direct program support, administration, interagency communication and coordination, citizen participation, public information, training, 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	2018	TRANSIT		100,000	25,000	125,000
610 Transit Program Support & Administration	2019	TRANSIT				

#### 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 DATA COLLECTION & COMPREHENSIVE PLANNING**

**OBJECTIVE:** Provide the necessary data and analysis 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	2018	TRANSIT		5,000	1,250	6,250
620 Transit General Development & Comprehensive Planning	2019	TRANSIT				

**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.
- 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.

- Provide staff resources to collect, manage, and maintain a geo-database of all bus stop locations with associated amenities to complement planning efforts.
- Maintain an on-going system to aggregate and analyze farebox ridership data and structure.

**TASK 630 TRANSIT LONG RANGE SYSTEM LEVEL PLANNING**

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

**TASK FUNDING SUMMARY:**

Task	YR	Lead Agency	FTA 5303 Carryover	FTA 5303	Local Match	Total
630 Transit Long Range System Level Planning	2018	TRANSIT		28,000	7,000	35,000
630 Transit Long Range System Level Planning	2019	TRANSIT				

**EXPECTED PRODUCTS & SCHEDULE:**

Ongoing:

- Staff support for update efforts of the MTP, plan updates and priority projects.
- Integrate transit with the Metropolitan Transportation Plan.
- 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	2018	TRANSIT		30,000	7,500	37,500
640 Transit Long Range Project Level Planning	2019	TRANSIT				

**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 Land Use Plan recommendation of Town Center development.

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.

2018/19:

- Continue to participate in transit supportive development corridor studies including the Spenard Corridor Strategic Plan.
- Plan for Glenn Highway transit solutions linking MSB, Eklutna, Chugiak, Eagle River, and Anchorage.
- Update Chapter 7 of the MOA Design Criteria Manual (DCM).

**TASK 650 TRANSIT SHORT-RANGE TRANSPORTATION PLANNING**

**OBJECTIVE:** Provide short range transit system and project planning and analysis proposed within 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, plans and policies.

**TASK FUNDING SUMMARY:**

Task	YR	Lead Agency	FTA 5303 Carryover	FTA 5303	Local Match	Total
650 Transit Short-Range Transportation Planning	2018	TRANSIT		164,162	41,041	205,203
650 Transit Short-Range Transportation Planning	2019	TRANSIT				

**EXPECTED PRODUCTS & SCHEDULE:**

Ongoing:

- Provide necessary staff support for short-range transportation system or project planning and analysis proposed in the next five years.
- Continue on-going management analyses of internal operations and service planning for short-range programs and projects
- 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.
- Financial management planning, including alternative farebox policies.
- All short range Transportation System Management activities including vanpool/ridesharing, high occupancy vehicle studies, and parking management.

2018/19:

- Prepare a short range transit plan that builds on Anchorage Talks Transit and provides a path forward for the next five years.
- Update and Develop PTD performance measures and targets compliant with FTA regulations.
- Participate in the development of a Transit Asset Management Plan.



**TASK 660 TRANSIT TRANSPORTATION IMPROVEMENT PROGRAM**

**OBJECTIVE:** Develop, monitor, and update the 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	2018	TRANSIT		2,000	500	2,500
660 Transit Transportation Improvement Program	2019	TRANSIT				

**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	2018	TRANSIT	534,460	534,460
670 Transit Marketing	2019	TRANSIT		

**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 and promote existing U-Pass agreements 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.

- Continue to implement Marketing Plan strategies through the 2018-2019 Work Program while looking for new ideas and areas for increased growth and ridership.
- Assist PTD with outreach and educational efforts for employees, riders and the general public.
- Through vanpool contractor and RideShare 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.

2018/19:

- Develop a strategy and implement a re-branding of PTD's services, including People Mover, AnchorRIDES, and RideShare.



**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	2018	TRANSIT	235,540	235,540
680 Vanpooling	2019	TRANSIT		

**EXPECTED PRODUCTS & SCHEDULE:**

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	2018	TRANSIT	130,000	130,000
680 Ridesharing Work Program	2019	TRANSIT		

**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: ACRONYMS

**ACRONYMS**

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

## APPENDIX B: POLICY & TECHNICAL ADVISORY COMMITTEE MEMBERS

## POLICY &amp; TECHNICAL ADVISORY COMMITTEE MEMBERS

**POLICY COMMITTEE:**

Dave Kemp, Chair  
Central Region Director

Mayor Ethan Berkowitz, Vice Chair  
Municipality of Anchorage

Cindy Heil  
Air Non-Point & Mobile Sources Program Mgr

Christopher Constant  
Municipal Assembly

John Weddleton  
Municipal Assembly

Pete Petersen  
Municipal Assembly

**TECHNICAL ADVISORY COMMITTEE:**

Stephanie Mormilo, Chair  
MOA Traffic Engineer

Jerry Hansen  
MOA Deputy Director, PM&E Division, Public Works  
Dept.

Dr. Jim Brown  
Air Quality Advisory Committee Member

DeeAnn Fetko  
MOA Department of Health & Human Services  
Deputy Director

Sharen Walsh  
Port of Anchorage  
Deputy Director

Hal Hart  
MOA Planning Director

Todd VanHove, Vice Chair  
ADOT&PF Central Region Chief of Planning

Brian Lindamood  
Alaska Railroad Corporation  
Special Projects Manager

Wolfgang Junge  
ADOT&PF Central Region

Teri Buck  
Environmental Program Specialist ADEC

Abul Hassan  
MOA Transit Director

## APPENDIX C: METROPOLITAN AREA BOUNDARY MAP





## APPENDIX D: 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.***