Monterey Bay Region Overall Work Program (OWP)

FY 2019-2020

Amendment No. 2

Prepared by: Association of Monterey Bay Area Governments (AMBAG)
in collaboration with

Santa Cruz County Regional Transportation Commission
Transportation Agency for Monterey County
Council of San Benito County Governments
Monterey-Salinas Transit
Santa Cruz Metropolitan Transit District
California Department of Transportation
Monterey Bay Air Resources District

Adoption Date: October 9, 2019

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PREFACE

The Fixing America's Surface Transportation Act (FAST Act) calls for the development of the Overall Work Program (OWP) by the federally designated Metropolitan Planning Organization (MPO).

The Association of Monterey Bay Area Governments (AMBAG), as the designated MPO, annually develops and maintains the OWP. The OWP includes federal, state, regional and local funded planning as well as transportation/air quality planning activities proposed by AMBAG for the tri-county (Monterey, San Benito and Santa Cruz) Monterey Bay Region in Fiscal Year 2019-2020.

The FY 2019-2020 Overall Work Program (OWP) for the Monterey Bay Region was prepared by AMBAG, in consultation and coordination with Caltrans, Monterey, San Benito and Santa Cruz County Regional Transportation Planning Agencies, Monterey-Salinas Transit, Santa Cruz Metropolitan Transit District, and the Monterey Bay Air Resources District. This OWP contains work elements for the continuation of the planning process/activities pursuant to State and Federal transportation and air quality regulations, and also includes some special, one-time, projects/studies.

PROSPECTUS

An updated prospectus is included in this FY 2019-2020 OWP.

CERTIFICATION

The transportation planning certification procedure statement is included in the OWP adoption resolution. When the AMBAG Board of Directors adopts the resolution for the FY 2019-2020 Overall Work Program and Budget, it will include this certification of the metropolitan planning process. A separate sign-off statement between AMBAG and Caltrans, covering the Monterey Bay Region, is forwarded with the official OWP transmittal letter.

PRODUCTS

Products are listed under each work element enumerated in detail in Part II of this document. The actual project reports, quarterly/annual progress reports, relevant project fact sheets, etc., are posted on the agencies' websites. Hard copies of the respective products are forwarded to the appropriate agencies/departments upon completion of the project.

ABBREVIATIONS

Several acronyms, abbreviations and terms are included in the OWP. The following lists should assist the reader in reviewing the document.

AMBAG: Association of Monterey Bay Area Governments

Caltrans 5: California State Department of Transportation - District 5 office (San Luis Obispo)

CCA: Continuing Cooperative Agreement

FAST Act: Fixing America's Surface Transportation Act (Federal Transportation Authorization – successor to MAP-21)

FHWA: Federal Highway Administration

FTA: Federal Transit Administration

MST: Monterey-Salinas Transit

MPO: Metropolitan Planning Organization

OWP: Overall Work Program

RTPA: Regional Transportation Planning Agency (e.g. SCCRTC, TAMC and SBtCOG)

SBtCOG: Council of San Benito County Governments

SCCRTC: Santa Cruz County Regional Transportation

Commission

SCMTD: Santa Cruz Metropolitan Transit District

TAMC: Transportation Agency for Monterey County

FUNDING

FHWA PL: Federal metropolitan transportation planning funds allocated to AMBAG by FHWA through Caltrans

FTA Section 5303: Federal metropolitan transit planning funds allocated to AMBAG by FTA through Caltrans

SB 1: Senate Bill 1 Road Repair and Accountability Act

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PLANNING EXCELLENCE

AMBAG

Association of Monterey Bay Area Governments

PART I: PROSPECTUS

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PROSPECTUS

I. OVERVIEW OF THE COMPREHENSIVE TRANSPORTATION PLANNING PROGRAM (23 CFR 450.308 (b))

A. Introduction

The Association of Monterey Bay Area Governments (AMBAG) was organized in 1968 for the purpose of regional collaboration and problem solving. AMBAG, as it is often referred to, was formed as a Joint Powers Authority (JPA) governed by a twenty-four member Board of Directors comprised of elected officials from each City and County within the region. The AMBAG region includes Monterey, San Benito and Santa Cruz County. AMBAG serves as both a federally designated Metropolitan Planning Organization (MPO) and Council of Governments (COG). AMBAG performs metropolitan level transportation planning on behalf of the region. Among its many duties, AMBAG produces two documents, the Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) and Metropolitan Transportation Improvement Program (MTIP), which are updated periodically to comply with federal and state guidance. AMBAG also manages the region's transportation demand model and prepares regional housing, population and employment forecast that are utilized in a variety of regional plans.

Membership and participation in AMBAG is voluntary on the part of its members. Funding is primarily from state and federal transportation funds and grants as well as other project specific grants. A small, but critical component of AMBAG's funding is derived from annual membership dues.

AMBAG's vision is to strengthen the region's unique environment, economy and culture. Its mission is to provide strategic leadership and services to analyze, plan and implement regional policies for the benefit of the Counties and Cities of Monterey, San Benito and Santa Cruz, balancing local control with regional collaboration.

AMBAG is a Metropolitan Clearinghouse by the State pursuant to Executive Order 12372. AMBAG is an agency actively involved in providing solutions to regional problems and issues through regional planning and cooperation. In order to conduct planning efforts, AMBAG applies for grants through various federal, state and local grant programs. The AMBAG Board of Directors approves resolutions that allow AMBAG to apply for various grants to support the agency's role as a regional forum for planning activities.

The Overall Work Program (OWP) defines the continuing, comprehensive, and coordinated metropolitan planning process for the three-county Monterey Bay Region: Monterey, Santa Cruz and San Benito. It establishes transportation, air quality, and other regional planning objectives for the fiscal year July 1, 2019 to June 30, 2020 and the methods and timing for achieving those objectives, and identifies planning responsibilities and funding to complete the work. The OWP also serves as a management tool for AMBAG in that it identifies all projects and services to be provided during the year beyond those mandated by the metropolitan planning process. The OWP, therefore, presents an annual blueprint for the agency's use of resources for the fiscal year 2019-2020. Because the metropolitan planning process encompasses coordination and interaction of work being performed within the region, including some work not undertaken directly by AMBAG, this document also includes a summary of other major planning activities. These activities include projects and plans by Caltrans, the Transportation Agency for Monterey County (TAMC), the Council of San Benito County Governments (SBtCOG), the Santa Cruz County Regional Transportation Commission (SCCRTC), the Santa Cruz Metropolitan

Transit District (SCMTD) and Monterey-Salinas Transit (MST).

The OWP identifies all regional planning efforts in the areas of transportation. The OWP is organized in three sections:

a. The AMBAG Prospectus describes the organizational structure, institutional relationships, consultation and outreach processes, and planning emphasis areas required by federal transportation planning regulations.

b. The OWP Work Elements (WE) is an overview of the work program and regional planning efforts of the Monterey Bay Region

c. The AMBAG Budget contains the proposed budget summary which shows the use of projected revenues to complete the OWP activities during FY 2019-2020 and shows how resources will be allocated throughout the AMBAG program.

B. Role of the OWP and Agencies' Responsibilities

The AMBAG Board of Directors approved the revised AMBAG Administrative Policies and Procedures at their March 14, 2012 meeting, which established the Continuing Cooperative Agreement (CCA) to define and document the relationship between AMBAG and subrecipients, and to address AMBAG's responsibilities. The CCA is a separate, legally binding agreement that establishes procedures for the procurement of services from the sub-recipients.

AMBAG has several MOUs in place, including the Comprehensive Federal and State Transportation Planning and Programming, which was executed in February 2017. Under Title 23 of the United States Code (USC) section 134 (23 USC 134) and 23 Code of Federal Regulations (CFR) 450.104 (23 CFR 450.104) this MOU establishes a general transportation planning and programming process codifying the responsibilities of the MPO and Caltrans. This MOU is between AMBAG and Caltrans with only a cursory reference to AMBAG's partner RTPAs and the integrated role between the agencies in this unique transportation-planning region of the state.

In addition to the aforementioned MOUs for transportation planning in the region, both AMBAG and the Council of San Benito County Governments signed an MOU in May 1993, under which AMBAG provides technical and professional assistance to the Council of Governments in order for the metropolitan air basin to comply with federal transportation/air quality planning regulations. AMBAG's metropolitan planning boundaries were subsequently increased to include San Benito County. This MOU was updated in 1997 due to a sunset provision. In FY 2019-2020, AMBAG will perform tasks under Work Elements 624 and 642 to ensure the inclusion of San Benito County within the metropolitan transportation planning process.

This OWP serves four major purposes for the Monterey Bay Region:

1) A management guide for AMBAG as well as all partnering agencies operations, enabling review of the scheduling and progress of staff activities.
2) A program management tool for all transportation planning efforts in the three-county area, including assignment of budget and labor, monitoring of progress against projected program expenditures and the specification of planning products and their impact on the development of transportation improvements resulting from the planning process.
3) To provide and document a coordinated annual work program.

4) To satisfy state and federal requirements for transportation planning program descriptions as a condition of funding.

C. California Planning Emphasis Areas

In prior years, the FHWA and FTA have jointly issued planning emphasis areas for California MPOs to use in developing the OWPs. However, in FY 2019-2020, there are no State or FHWA/FTA Planning Emphasis Areas that have been set. Instead, emphasis is placed on the Planning Factors, as listed in Section IV of this Prospectus.

II. ORGANIZATION AND MANAGEMENT

A. Institutional Arrangements

The relationships among planning agencies and programs in the AMBAG area are complex. There are numerous planning programs undertaken by the RTPAs, cities, counties, and other multi-jurisdictional agencies in cooperation and consultation with AMBAG.

AMBAG is governed by a Board of Directors that is comprised of two representatives from the Board of Supervisors of each of three member counties and one representative from the City Council of each of the member cities. In addition, a representative from Caltrans, a representative from the Council of San Benito County Governments, Monterey Bay Air Resources District, Santa Cruz County Regional Transportation Commission, Transportation Agency for Monterey County, Monterey Salinas Transit and Santa Cruz Metropolitan Transit District sits on the AMBAG Board as an ex-officio member. AMBAG currently includes representatives from all 21 eligible jurisdictions.

The following documents delineate AMBAG's authority and responsibilities:

1) Joint Powers Agreement
2) Bylaws
3) Role and Scope Memorandum
4) Continuing Cooperative Agreement
5) Memoranda of Agreement, under Executive Order 12372
6) Memorandum of Understanding (MOU) for Planning and Programming between AMBAG and Caltrans
7) Memorandum of Understanding between AMBAG and the Council of San Benito County Governments (the incorporation of San Benito County into the metropolitan transportation planning process, 1993 and 1997)

B. Transportation Planning Organizational Structure

The Monterey Bay Region is the only area in the State of California where the responsibility for transportation planning is shared between a MPO and Regional Transportation Planning Agencies (RTPAs) that operate at a county level. AMBAG is the designated MPO for the tri-county (Monterey, San Benito and Santa Cruz) area and has the responsibility to carryout transportation planning activities and provide policy guidance pertaining to the transportation planning process in accordance with federal and state law.

Each RTPA is primarily responsible for preparation of Regional

Transportation Plans (RTPs) and programs required by the State of California. AMBAG retains primary responsibility for those planning elements that are regional in nature. AMBAG is also responsible for preparing for the tri-county Metropolitan Planning Area (MPA) the Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) and the Metropolitan Transportation Improvement Program (MTIP) from which projects are incorporated into the Federal Statewide Transportation Improvement Program (FSTIP).

In addition to the federal and state laws and regulations, the Continuing Cooperative Agreement and the Memorandum of Understanding cited above, specifies the roles and responsibilities of the RTPAs (a.k.a. Local Transportation Commissions) within their respective counties are governed by the provisions of the California Transportation Development Act of 1971 (SB-325) (California Public Utilities Code Sections 99200-99217) (California Government Code Section 29530-29536) and local rules and regulations adopted for the conduct of Commission business. Each Commission became the duly recognized RTPA with the implementation of AB 69 in July 1973.

Finally, under a MOU signed in May, 1993, and renewed in 1997 by AMBAG, the Council of San Benito County Governments and Caltrans, AMBAG has specific responsibilities for including San Benito County in the metropolitan transportation planning process per the MPO boundary being extended to include San Benito County.

C. Coordination Statement

The general relationship of all major parties involved in transportation planning in the region is reflected in the adopted Continuing Cooperative Agreements (CCA) and MOUs. Specific responsibilities of each agency are also detailed therein. The existing institutional arrangements and organization structures, as described above, guarantee the coordination of transportation planning efforts at all levels: county-wide, regional, state and federal. The technical advisory committees of the three RTPAs include representatives from all cities, counties, transit providers and Caltrans, the State Department of Transportation. Furthermore, Caltrans District "liaison" personnel, through continuous formal and informal communications with technical staff of the MPO and the RTPAs, achieve the desired representation at the technical level. Similarly, the structure of the Policy Advisory Committees is such as to allow for presentation of regional and state concerns at the policy making level.

The purpose of AMBAG's Public Participation Plan is to provide guidance to our partner agencies and local jurisdictions in the structuring of regional transportation planning processes to ensure that, to the greatest extent possible, interagency consultation and public participation are an integral and continuing part of the regional transportation planning and decision making process.

AMBAG coordinates the public involvement processes and outreach efforts with our partner agencies, as well as other federal, state and local agencies, including Federal Land Management Agencies (FLMAs), to enhance public involvement for regional transportation planning studies, plans and projects. Appropriate consultation is undertaken with agencies and officials responsible for planning activities within the region, as well as state and federal resource management agencies throughout the planning process. AMBAG participates in workshops with federal and state agencies, to establish and maintain interagency consultation throughout the planning process. Additionally, interagency consultation is conducted through periodic meetings, public notices and requests for input on the planning process. AMBAG will also coordinate with Native American Tribal Governments in the region, if applicable.

D. Citizen Involvement

AMBAG's Board of Directors has the ability to appoint citizen advisory committees for specific programs/plans. When a committee's mission has been accomplished, it ceases to exist. Ongoing citizens' input to the transportation planning process is obtained through the advisory committees of the three RTPAs, a unique process intended to eliminate duplication of effort.

Efforts are made to reach and engage traditional and nontraditional stakeholders in the community, including minority and low income groups as well as community-based organizations (CBOs). In 2018, AMBAG led a coordinated effort to develop and adopt the Monterey Bay Regional Coordinated Public Transit-Human Services Transportation Plan. This plan, a requirement under MAP-21, addresses the transportation gaps and unmet needs of low income, persons of color, and persons with disabilities, while establishing strategies to meet those needs.

Additional efforts to reach nontraditional stakeholders within the region include representatives from the senior citizen and disabled communities as members of the Transportation Agency for Monterey County's Social Services Transportation Advisory Council (SSTAC) and the Santa Cruz County Regional Transportation Commission's Elderly/Disabled Committee (E/D Committee). The committees regularly review and comment on proposed planning matters affecting these communities. All committee actions are reported to and considered by each transportation commission. Further public response has been and will continue to be solicited through well-advertised meetings, public hearings and workshops. AMBAG also develops ad hoc committees for various large planning efforts to ensure input from a variety of groups.

In addition to standard efforts, in consultation and coordination with RTPAs transit operators, and other transportation stakeholders, AMBAG is updating the Monterey Bay Public Participation Plan (PPP) and the 2018 Title VI Plan as required under MAP-21.

E. Equal Opportunity Statement

As a recipient of numerous federal grants for various planning activities, AMBAG has made every effort to comply with the provisions of Title VI of the Civil Rights Act of 1964. The Civil Rights Act of 1964 states that "no person in the United States shall, on the ground of race, color or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance." The Environmental Justice (EJ) Executive Order (EO 12989) further amplifies Title VI by specifically addressing minority and low income populations, early and continuously in the transportation planning process, so the values and interests of all segments of our communities are equally reflected in investment decisions.

List of Staff Positions

AMBAG's staffing organization, as of October 9, 2019 includes:

NAME	TITLE
Maura Twomey	Executive Director
Heather Adamson	Director of Planning
Amaury Berteaud	Special Projects Associate, Energy Watch
Elisabeth Bertrand	Director of Special Projects, Energy Watch
vacant	Assistant Special Projects Manager,

	Energy Watch
vacant	Intern (GIS/Planning)
Errol Osteraa	Director of Finance and Administration
Ana Flores	Senior Executive Assistant
Bobbie Grant	Office Assistant
Paul Hierling	Senior Planner
Xiang Lan	Associate Planner
Liz Hurtado-Espinosa	Principal Accountant
Bhupendra Patel	Director of Modeling
Gina Schmidt	GIS Coordinator
Aleksandra Tepedelenova	Associate Planner
Will Condon	Planner
Ahana Kowdley	Intern (Energy Watch)
Camorah King	Intern (Energy Watch)
Riley Barnacastle	Intern (Energy Watch)

III. PLANNING CERTIFICATION

As required by the metropolitan transportation planning regulations published in the Federal Register. AMBAG, as the Metropolitan Planning Organization, is required to annually certify that the planning process is being carried out in conformance with applicable laws and regulations:

1) 23 U.S.C. 134, 49 U.S.C. 5303, and subpart C of 23 CFR part 450;
2) In nonattainment and maintenance areas, sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506(c) and (d)) and 40 CFR part 93;
3) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d–1) and 49 CFR part 21;
4) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
5) Section 1101(b) of the FAST Act (Pub. L. 114-94) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
6) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
7) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38;
8) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
9) Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

In conducting a certification review, the FHWA and the FTA shall provide opportunities for public involvement within the metropolitan planning area under review. The FHWA and the FTA shall consider the public input received in arriving at a decision on a certification action.

The adopted AMBAG Board of Directors Resolution for the FY 2019-2020 Overall Work Program includes the above statement. A separate joint certification by AMBAG and Caltrans is forwarded with the Final FY 2019-2020 OWP.

IV. PLANNING FACTORS

As discussed above, the text of the OWP identifies applicable planning factors. Each federally funded OWP work element is listed

below under the applicable planning factors.

Planning Factors

Metropolitan areas, under FAST Act, should incorporate ten planning and strategy areas into the overall transportation planning process. The areas are listed below with a summary of the federally funded work elements that address each factor. The text of the OWP also identifies applicable planning factors.

1) **Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency**

   (WEs 101, 112, 251, 257, 320, 411, 621, 622, 624, 641, 642, 680 and 684);

2) **Increase the safety of the transportation system for motorized and non-motorized users**

   (WEs 101, 112, 251, 257, 621, 622, 624, 641, 642, 680 and 684);

3) **Increase the security of the transportation system for motorized and non-motorized users**

   (WEs 101, 112, 251, 257, 621, 622, 624, 641, 642, 680 and 684);

4) **Increase the accessibility and mobility options available to people and for freight**

   (WEs 101, 112, 113, 251, 257, 621, 622, 624, 641, 642, 680 and 684);

5) **Protect and enhance the environment, promote energy conservation, improve quality of life, and promote consistency of transportation plans/programs with State and local planned growth and economic development patterns**

   (WEs 101, 112, 113, 231, 251, 257, 320, 411, 604, 605, 610, 621, 622, 624, 641, 642, 680 and 684);

6) **Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight**

   (WEs 101, 231, 251, 257, 621, 622, 624, 641, 642, 680 and 684);

7) **Promote efficient system management and operation**

   (WEs 101, 112, 231, 251, 257, 604, 605, 610, 622, 624, 641, 642, 680 and 684);

8) **Emphasize the preservation of the existing transportation system**

   (WEs 101, 231, 251, 257, 604, 605, 610, 622, 624, 641, 642, 680 and 684)

9) **Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation**

   (WEs 101, 231, 251, 257, 604, 605, 610, 622, 624, 641, 642, 680 and 684)

10) **Enhance travel and tourism**

    (WEs 101, 231, 251, 257, 622, 624, 641, 642, 680 and 684)

V. AMBAG FY 2019-2020 WORK PROGRAM PRIORITIES

The agency's strategic vision encompasses long-term areas of achievement that remain relatively unchanged on an annual basis. Supporting this strategic vision are OWP priorities which are

updated annually to highlight particular areas of focus for the coming fiscal year. The adoption of the strategic vision and priorities will fulfill AMBAG's commitment to our funding partners, Caltrans, the Federal Highway Administration and the Federal Transit Administration, to develop the OWP and FY 2019-2020 budget based on established Board priorities.

Overall Work Program Strategic Vision

Implement the regional vision and guiding principles collaboratively through the next update of the Metropolitan Transportation Plan.

Develop and implement strategies collaboratively to improve the quality of life in the region, as characterized by a sustainable economy, healthy environment, public safety, and more transportation and housing choices, consistent with the Metropolitan Transportation Plan and AMBAG mission, recognizing current and future fiscal constraints.

Enhance organizational effectiveness through continuous improvements and fiscal discipline to better support state and federal mandates for the Metropolitan Transportation Plan.

Pursue innovative solutions to fiscal and economic challenges and opportunities for AMBAG and the region.

FY 2019-2020 Overall Work Program Priorities

Modeling and Research. Employ new technologies, methodologies, and models to enhance and expand research and analysis capabilities, equipping AMBAG to more comprehensively address complex policy and operational issues in the development of the Metropolitan Transportation Plan.

Planning and Forecasts. A coordinated planning process that will lead to a scheduled adoption of the Metropolitan Transportation Plan, including a Sustainable Communities Strategy (SCS) and Regional Housing Needs Assessment (RHNA). This area of emphasis also includes collaborative efforts with partner agencies in neighboring regions, focusing on development of strategies and delivery of projects and programs that will improve mobility and sustainability in our regions.

Sustainable Development Strategies. Formulation of integrated planning, funding, and implementation strategies for regional investment in the areas of habitat conservation, water quality, shoreline preservation, smart growth, and transportation. Participate in discussions and encourage sustainable strategies in other areas, such as energy and water supply. By working together, these efforts are expected to provide the opportunity to achieve three goals simultaneously: a healthy environment, economic prosperity, and social equity in the region.

Collaborative Planning and Implementation. Ensure collaborative planning/implementation efforts among AMBAG, RTPAs, Caltrans, transit operators, and local jurisdictions to ensure rapid delivery of transportation projects and programs that improve mobility and address climate change goals. Pursue strategic efforts to enhance communications with member agencies, partner agencies, advisory committees, and the public.

PART II: OVERALL WORK PROGRAM ELEMENTS

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WORK ELEMENT NUMBER 101 **Overall Work Program, Budget and Administration** **Amendment No. 2**

Project Manager: Bhupendra Patel **Total Budget: $ 94,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change
Salaries	33,222	(620)	FHWA PL	77,000	-
Fringe Benefits	15,614	(292)	In-Kind - Toll Credits	8,832	-
Indirect	43,064	912	FTA 5303	17,000	-
Professional Services*	-	-	In-Kind - Toll Credits	1,950	-
Supplies	-	-	FHWA PL c/o	-	-
Printing	1,500	-	In-Kind - Toll Credits	-	-
Travel**	600	-	FTA 5303 c/o	-	-
Toll Credits	10,782	-	In-Kind - Toll Credits	-	-
In-Kind/Non-Federal Local Match	-	-	AMBAG General Fund	-	-
TOTAL	**94,000**	-	**TOTAL**	**94,000**	-
			% Federal	**88.53**	

**Contracts are as follows:*
None
***May include out of state travel.*

Project Description

The Overall Work Program (OWP) is a federally mandated document, annually developed by the MPO staff, approved by the MPO Board, and thereafter jointly approved by Caltrans and FHWA/FTA to carry out regional transportation planning and air quality related activities for the Monterey Bay Area. The preparation of AMBAG's OWP involves coordination and consultation on various levels with the region's Regional Transportation Planning Agencies (RTPAs), transit agencies, Caltrans, FHWA, FTA, as well as multiple local stakeholders. The OWP provides an overview of the region's Metropolitan Planning activities, with a focus on performance based transportation planning approach. It is a scope of work for transportation planning activities, including estimated costs, funding sources, and completion schedules. The OWP is also AMBAG's project management and monitoring tool for local, state, and federal funded transportation and air quality planning activities for the Monterey Bay Area.

Under this work element staff will cooperatively develop, maintain and provide oversight to the FY 2019-20 Annual Overall Work Program (OWP) and Budget in order to carry out the metropolitan transportation and related air quality planning activities as mandated by the metropolitan transportation planning regulations in 23 CFR 450. Also, AMBAG will coordinate development of the FY 2020-21 OWP and will monitor activities in consultation with regional and local transportation partners/stakeholders. Major activities include programming, monitoring and managing metropolitan transportation planning projects/activities, including monitoring expenditures against the programmed funds. Activities also include performing audits, providing quarterly progress reports and providing deliverables to Caltrans/FHWA/FTA demonstrating project progress. AMBAG will coordinate and carry out up to four (4) amendments to the FY 2019-20 AMBAG OWP. The OWP includes all activities and products, funded through FHWA and FTA combined planning grant funding available to the Metropolitan Planning Organization (MPO), as well as other federal and state grants. The OWP also includes other regionally significant planning activities proposed by AMBAG in collaboration with the RTPAs, transit agencies and Caltrans.

Project Products

- FY 2020-21 Overall Work Program and Budget.
- Up to four amendments to the FY 2019-20 OWP and Budget.
- 12 monthly progress reports and 4 quarterly progress reports.
- Executed/amended Overall Work Program Agreements (OWPA) with Caltrans.
- Project kickoff meeting, Board reports, presentation and handouts/resource materials for staff training.

Federally Eligible Tasks

- Development of the FY 2020-21 Annual Overall Work Program and Budget, amendments to the FY 2019-20 OWP, quarterly reports and coordination meetings.
- Overseeing of annual overall work program/activities and Metropolitan Transportation Planning projects/activities in accordance with federal and state requirements.
- Create, strengthen, and use partnerships to facilitate and conduct regional transportation planning activities among Caltrans, MPOs, RTPAs, transit districts, cities, counties and other stakeholders.

Previous Accomplishments

AMBAG developed and adopted the FY 2018-19 OWP and Budget; processed two amendments to the FY 2018-19 OWP and Budget; provided Caltrans detailed quarterly progress reports; coordinated Metropolitan Transportation Planning activities and held and early consultation/kickoff meeting and coordination meetings in accordance with the federal and state requirements.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 20,000**	
1.1	Carry out up to four amendments to the FY 2019-20 OWP and CCAs.	Up to four amendments to FY 2019-20 OWP		Quarterly
1.2	Coordinate, prepare and provide monthly and quarterly FY 2019-20 OWP progress reports to Caltrans.	12 monthly/4 quarterly progress reports		Monthly/ Quarterly
1.3	Administer CCA, quarterly invoicing and payment process.	Quarterly expenditure reports		Quarterly
1.4	Present Draft and final FY 2020-21 OWP at AMBAG Board and finalize the FY 2020-21 OWP submission along with necessary certificates and documents to Caltrans/FHWA/FTA for their approval.	Draft and final FY 2020-21 OWP with required certificates/forms		03/11/2020 Draft 5/13/2020 Final
1.5	Closing out FY 2018-19 OWP	FY 2018-19 OWP close out report		9/30/2019
2	**Planning**		**$ 22,000**	
2.1	Engage stakeholders and policy makers to identify MPO priorities for FY 2020-21 and FY 2021-22 in conjunction with Federal and State Planning Emphasis Areas/Planning Factors.	Draft list of MPO's OWP priority, projects/activities		11/29/2019
2.2	Consultation with AMBAG Board and Executive/Finance Committee to scope out regional long term priorities that should be reflected in FY 2020-21 OWP.	FY 2020-21 OWP priorities, projects/activities		12/19/2019

2.3	Arrange an early consultation meeting with RTPAs, Caltrans and FHWA/FTA for FY 2020-21 OWP.	Meeting agenda, resource materials and follow-up actions		12/16/2019
3	**Data Gathering and Analysis**		**$ 30,000**	
3.1	Prepare draft and final FY 2020-21 OWP in consultation with partner agencies and incorporating federal and state emphasis areas in relation to Board established priorities.	Draft and final FY 2020-21 OWP document		02/28/2020 Draft 5/13/2020 Final
3.2	Take draft and final FY 2020-21 OWP for Board review/approval. Also prepare necessary submission forms, certificates and documents to Caltrans/FHWA/FTA.	Draft and final FY 2020-21 OWP document, Board materials and other forms		03/11/2020 Draft 5/13/2020 Final
3.3	Research and participate in legislative webinars and seminars.	Meetings/Webinars/Handouts		6/30/2020
4	**Coordination**		**$ 20,000**	
4.1	Assess project performance and make adjustments to assure completion of tasks are on schedule, as per the CCA (AMBAG/RTPA/Caltrans/Transit Agencies).	Meeting agenda, handouts, notes and action items		Quarterly
4.2	Early consultation meetings with partner agencies to set regional priorities for FY 2020-21 OWP/CCA (AMBAG/RTPA/Transit Agencies/Caltrans).	Description of regional priorities to be used for development of FY 2021-22 OWP/CCAs		11/29/2019
4.3	Hold FY 2020-21 OWP kickoff meeting (AMBAG/RTPA/FHWA/FTA/Caltrans/Transit Agencies).	Meeting agenda, handouts, notes and action items		12/16/2019
4.4	Coordinate FY 2020-21 OWP and CCA development with partner agencies.	Meeting agenda, handouts, notes and action items		6/30/2020
5	**Public Participation**		**$ 2,000**	
5.1	Web hosting of FY 2019-20 OWP and amendments with highlights for all agencies as well as general public use.	Updated OWP web content		Quarterly

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
Increase the safety of the transportation system for motorized and non-motorized users.
Increase the security of the transportation system for motorized and non-motorized users.
Increase the accessibility and mobility of people and for freight.
Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local
Enhance the integration and connectivity of the transportation system, across and between modes, people and freight.
Promote efficient system management and operation.
Emphasize the preservation of the existing transportation system.
Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.
Enhance travel and tourism.

WORK ELEMENT NUMBER 112 **Transportation Plans Coordination and Interagency Liaison** **Amendment No. 2**

Project Manager: Heather Adamson **Total Budget: $ 224,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change
Salaries	77,542	(1,448)
Fringe Benefits	36,445	(681)
Indirect	100,513	2,129
Professional Services*	-	-
Supplies	-	-
Printing	-	-
Travel**	9,500	-
Toll Credits	25,463	-
In-Kind/Non-Federal Local Match	-	-
TOTAL	**224,000**	-

REVENUE	Amount ($)	Change
FHWA PL	180,000	-
In-Kind - Toll Credits	20,646	-
FTA 5303	42,000	-
In-Kind - Toll Credits	4,817	-
FHWA PL c/o	-	-
In-Kind - Toll Credits	-	-
FTA 5303 c/o	-	-
In-Kind - Toll Credits	-	-
AMBAG General Fund	2,000	-
TOTAL	**224,000**	-
% Federal	**87.74**	

**Contracts are as follows:*

None

*** May include out of state travel*

Project Description

Under this work element staff will continue to implement the metropolitan transportation planning requirements by continuing, cooperative and comprehensive process to the degree appropriate and work with State, regional and local agencies responsible for land use management, natural resources, environmental protection, conservation, and historic preservation concerning the development of a long-range transportation plan and regional transportation planning process. Develop partnerships with local jurisdictions, regional agencies, transit operators and other transportation stakeholders who are responsible for metropolitan transportation and land use planning and decisions. The main objective of this work element is to facilitate coordination of metropolitan transportation planning and air quality planning activities within the tri-county (Monterey, San Benito and Santa Cruz) Metropolitan Transportation Planning Area. The following objectives will be met with this work element:

- Ensure that transportation planning activities respond to MAP-21/FAST Act requirements with continuing coordination and consultation with transportation stakeholders.'
- Participate with local and regional agencies in technical advisory committee meetings, policy body meetings and transit agency policy boards.
- Participate in transportation and land use studies, regional and local transportation plans, programs and projects.
- Participation in seminars, meetings and conferences for the implementation of the FAST Act.

Project Products

- Project tracking, reporting with updated schedules and scopes of work.
- Published presentation materials/agendas/handouts from staff participation in local, state, national or regional events.
- Comments on federal or state transportation related legislation, participation in state, regional and local activities and presentations to other government agencies as related to MPO roles and responsibilities.
- Coordination meetings with RTPAs, transit agencies, Caltrans and other regional agencies pertaining to regional transportation planning.
- Participation in the webinar, conference call and meetings pertaining to FAST Act, performance measures target development as well as its implementation.

Federally Eligible Tasks

- Coordinate the implementation of MAP-21/FAST Act. requirements as it relates to metropolitan and regional transportation planning. This work element supports the 3-C process, as a key element for the Metropolitan Transportation Planning process. Staff participation in Technical Advisory Committees, MPO, Transit Agencies, Caltrans and RTPAs Board meetings.
- Participation in the coordination of the FAST Act.

Previous Accomplishments

In FY 2018-19, AMBAG staff participated in AMBAG Board of Directors, Regional Transportation Planning Agencies Board of Directors, Transit Agencies Board of Directors meetings and provided ongoing information to regional and local transportation agencies about metropolitan transportation planning programs and studies. AMBAG staff provided input on issues of regional significance and worked collaboratively to meet interagency coordination needs. Staff participated in multiple workshops, webinars as well as conference call meetings pertaining to performance measure discussions.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 6,000**	
1.1	Track and update the project schedule monthly and prepare monthly as well as quarterly progress reports and submit to Caltrans for necessary action. Also prepare at least one amendment for this Work Element.	Updated project timeline and scope of work. Monthly and quarterly progress report to Caltrans		Monthly/ Quarterly
1.2	Develop FY 2020-21 scope of work for the this work element to include in the FY 2020-21 OWP.	Draft and Final Work Element for FY 2020-21 OWP		2/28/2020 Draft 4/17/2020 Final
2	**Planning**		**$ 40,000**	
2.1	Attend local, state and regional agency meetings/workshops/seminars pertaining to transportation planning, land use, sustainability, or air quality planning activities as well as issues to enhance staff skills and greater participation and or coordination.	Training materials, meeting agendas, handouts, notes and presentations at AMBAG Board and other policy board meetings		Monthly
2.2	Prepare agendas and presentations for coordination meetings, Technical Advisory Committees (TAC), RTPA, Transit Agencies and inter-governmental related activities and meetings.	Meeting agendas, handouts, notes and presentations for the TACs and transit agencies		6/30/2020

3	**Data Gathering and Analysis**	**$ 43,000**	
3.1	Follow transportation legislation activities (MAP-21 and FAST Act implementation) and participate in the discussion, conduct analysis, attend conferences/workshops and prepare staff reports/presentations/handouts.	Presentation material, summary and analysis report necessary for change in MPO's role and products	6/30/2020
3.2	Participate in seminar/conference/meetings pertaining to implementation of MAP-21 and make presentation at the AMBAG as well as RTPAs Board on topics related to transportation planning activities/process.	Presentations to AMBAG Board and RTPAs/Transit agencies policy Boards and follow-up actions	6/30/2020
3.3	Participate in the coordination and implementation of the FAST Act.	Attending conference, meetings, webinar and presentations for the TACs and MPO Board	6/30/2020
4	**Coordination**	**$ 135,000**	
4.1	Coordinate executive directors meetings for enhanced coordination with AMBAG, Caltrans, the RTPAs, public transit operators and other federal, state and local agencies to carryout Metropolitan Transportation Planning activities.	Meeting agendas, handouts, notes and action items (coordinate/attend at least 8 meetings)	Monthly
4.2	Participate in and advise Regional TACs of three RTPAs for Metropolitan Transportation Planning projects and activities.	Meeting agendas, handouts, notes and action items (attend over 27 meetings)	Monthly
4.3	Attend and/or make presentations at AMBAG Executive/Finance Committee and Board of Directors (MPO) meetings as a part of the federal and state metropolitan transportation planning requirements.	Attend at least 20 meetings, meeting notes, reports and presentations	Monthly
4.4	Attend state and regional agency meetings (California Freight Advisory Committee, STIP working group, ATP working group, Critical Urban/Critical Rural technical working group, MPO/State Agency Planning Agencies, Strategic Growth Council, Air Resources Board, Housing & Community Development, Central Coast Coalition, FORA and Air District) to exchange information on transportation planning activities in order to enhance coordination among transportation plans, programs and regulations.	Reports on transportation related planning activities, including recommendations on affecting consistency in local regional plans, in monthly Board and advisory committee meeting agendas, and shared with stakeholders (attend over 20 meetings). Meeting agenda review, presentations and follow-up to the action items.	Monthly
4.5	Attend and/or make presentations at SBtCOG/SCCRTC/TAMC policy board and Advisory Committee meetings to encourage greater coordination and promote interagency consultation for metropolitan transportation planning.	Review of agendas and materials, meeting notes, materials and make presentations (attend over 10 meetings)	Monthly

4.6	Participate in meetings of Santa Cruz METRO and MST and follow up on meeting results and communicate as necessary to AMBAG Board.	Agendas, staff reports and materials, meeting notes and materials, communications and materials		Monthly
4.7	Quarterly reporting to Caltrans and AMBAG Board.	Quarterly narrative reports		Quarterly
5	**Public Participation**		**$ -**	
5.1	None.			

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency.
Increase the safety of the transportation system for motorized and non-motorized users.
Increase the security of the transportation system for motorized and non-motorized users.
Increase the accessibility and mobility of people and for freight.
Enhance the integration and connectivity of the transportation system, across and between modes, people and freight. (Support the ability for freight shippers and providers of freight transportation services to participate in metropolitan planning processes.)
Promote efficient system management and operation.

WORK ELEMENT NUMBER 113 **Public Participation Plan** **Amendment No. 2**

Project Manager: Will Condon **Total Budget: $ 31,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change
Salaries	10,755	(201)
Fringe Benefits	5,055	(94)
Indirect	13,941	295
Professional Services*	-	-
Supplies	1,000	-
Printing	-	-
Travel	250	-
Toll Credits	3,556	-
In-Kind/Non-Federal Local Match	-	-
TOTAL	**31,000**	-

REVENUE	Amount ($)	Change
FHWA PL	26,000	-
In-Kind - Toll Credits	2,982	-
FTA 5303	5,000	-
In-Kind - Toll Credits	574	-
FHWA PL c/o	-	-
In-Kind - Toll Credits	-	-
FTA 5303 c/o	-	-
In-Kind - Toll Credits	-	-
TOTAL	**31,000**	-
% Federal	**88.53**	

**Contracts are as follows:*

None

Project Description

This work element is to update the Public Participation Plan (PPP) and maintain the Title VI Plan. The PPP contains strategies and requirements for engaging the public on the various components of transportation planning activities/projects prepared by MPO (AMBAG). Public participation as it relates to a specific project is funded under the budget of that project. However, the PPP can be updated with amendments as needed to include new project specific requirements or other legislative requirements. The Title VI Plan is a federally required document that all recipients and subrecipients of federal and state transportation funding (such as AMBAG) must create and implement a Title VI Plan, which must be updated at least every three years.

Project Products

- Update the 2019 PPP
- Maintain the Title VI Plan (as needed) to reflect changes in Federal legislative requirements and provide updates on an on-going basis to keep these plans current.
- Monitoring and tracking implementation of the PPP and Title VI Plan for MPO's activities.
- Documented consultation process for Federal Land Management Agencies (FLMA).

Federally Eligible Tasks

All tasks are federally eligible.

Previous Accomplishments

AMBAG adopted the current Public Participation Plan in April 2015, as well as the new Title VI Plan in September 2018. The agency implements both of these plans through public notices, press releases, electronic notifications, public meetings, workshops and public hearings on an ongoing basis.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 5,000**	
1.1	Oversee process to update the 2019 PPP to reflect changes to public participation requirements.	Updated 2019 PPP		9/30/2019
1.2	Include Title VI policy in upcoming contracts, RFPs and other related documents.	Title VI Policies		Ongoing
1.3	PPP Work element development for FY 2020-21 OWP.	WE 113 for the FY 2020-21 OWP		2/28/2020 Draft 4/17/2020 Final
2	**Planning**		**$ 13,000**	
2.1	Review FAST Act and identify areas in the PPP and Title VI Plan that may need to be amended.	Summary report for PPP and Title VI amendment/modification		3/31/2020
2.2	Finalize the 2019 Public Participation Plan.	Draft and Final 2019 PPP		10/31/2019
3	**Data Gathering and Analysis**		**$ 5,000**	
3.1	Update maps and demographic data on Limited English Proficiency (LEP) Populations to inform public participation efforts in upcoming planning projects, such as the 2018 Title VI updates and 2019 PPP update.	Updated LEP Maps and Data sets		6/30/2020
4	**Coordination**		**$ 5,000**	
4.1	Hold meetings with partner agencies to discuss the development and potential modifications to the 2019 PPP and 2018 Title VI Plan.	Meeting agenda, handouts, notes and action items		Quarterly
5	**Public Participation**		**$ 3,000**	
5.1	Publish newspaper ads, website postings and media coverage for public participation.	Handouts, public notices and web postings		6/30/2020

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Increase the accessibility and mobility of people and for freight.

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.

WORK ELEMENT NUMBER 122 **Water-Related Plans Coordination and Interagency Liaison** **Amendment No. 2**

Project Manager: Maura Twomey **Total Budget: $ 10,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change
Salaries	3,615	(68)	Local **	10,000	-
Fringe Benefits	1,699	(32)			
Indirect	4,686	100			
Professional Services*	-	-			
Supplies	-	-			
Printing	-	-			
Travel		-			
Toll Credits	-	-			
In-Kind/Non-Federal Local Match	-	-			
TOTAL	**10,000**	-	**TOTAL**	**10,000**	-
			% Federal	**0%**	

**Contracts are as follows:*
None
***Funding from City of Monterey Harbormaster*

Project Description

The purpose of this work element is to collect, process and transmit timely information and facilitate an interagency liaison role for regional water related issues.

Project Products

Ongoing inter-agency coordination between AMBAG and other water-related agencies.

Federally Eligible Tasks

This is a non-federal work element.

Previous Accomplishments

In the past fiscal year this work resulted in improved coordination and communication among agencies at all levels. Staff also provide analysis and evaluation of potential impacts of state, federal, and local water related programs/projects in the region.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 10,000**	
1.1	Attend various water resource related meetings within the region.	Meeting agenda, handouts, notes and action items		6/30/2019
1.2	Bring pertinent information to the AMBAG Board for consideration.	Board memos or verbal communication		6/30/2019

2	**Planning**	**$**	**-**
2.1	None.		
3	**Data Gathering and Analysis**	**$**	**-**
3.1	None.		
4	**Coordination**	**$**	**-**
4.1	None.		
5	**Public Participation**	**$**	**-**
5.1	None.		

Federal Planning Factors (PF)

This is a non-federal work element.

WORK ELEMENT NUMBER 231 **GIS Analysis, Data Collection, Uniformity, Coordination and Access** **Amendment No. 2**

Project Manager: Bhupendra Patel & Gina Schmidt **Total Budget: $ 291,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change
Salaries	98,870	(1,846)
Fringe Benefits	46,469	(868)
Indirect	128,160	2,714
Professional Services*	-	-
Supplies	10,000	-
Printing	-	-
Travel**	7,500	-
Toll Credits	33,149	(1,114)
In-Kind/Non-Federal Local Match	-	-
TOTAL	**291,000**	-

REVENUE	Amount ($)	Change
FHWA PL	155,000	-
In-Kind - Toll Credits	17,779	-
FTA 5303	59,000	-
In-Kind - Toll Credits	6,767	-
FHWA PL c/o	-	-
In-Kind - Toll Credits	-	-
FTA 5303 c/o	75,000	-
In-Kind - Toll Credits	8,603	-
AMBAG General Fund	2,000	-
TOTAL	**291,000**	-
% Federal	**87.92**	

**Contracts are as follows:*

None

***May include out of state travel.*

Project Description

The purpose of this work element is to collect regional employment, transportation, economic, population, housing, water quality, land use, traffic/truck counts, goods movements and other data used for the development of the Regional Travel Demand Model (WE 251), the Metropolitan Transportation Plan (WE 622), the Metropolitan Transportation Improvement Program (WE 641 & 642), and corridor/transit planning studies (WE 680). AMBAG will also provide data and staff support for the Highway Performance Management System (HPMS) and other regional transportation planning efforts. Staff will conduct data analysis of various Census and other products including but not limited to the American Community Survey (ACS), California Employment Development Department, California Department of Finance Data, Decennial Census, Census Transportation Planning Products (CTPP) and other data to understand the region's socio-economic, demographic structures and associated travel behavior. Staff will also conduct transit service related data assembly and analysis for various metropolitan transportation planning projects and activities.

Geographic Information Systems (GIS) data is of great importance to land use, transportation and policy planning. Under this work element staff will maintain GIS data that supports topics of regional concern, such as metropolitan transportation planning activities, demographic information, traffic counts, truck counts, goods movement, Air and water quality related information for the tri-county MPO region and the surrounding areas. GIS work supports activities such as the Metropolitan Transportation Plan (MTP), Regional Travel Demand Model (RTDM), monitoring performance measures, the Metropolitan Transportation Improvement Program (MTIP) and GIS mapping tool for Public Participation.

Project Products

-Data inputs for the AMBAG RTDM, MTP, MTIP and freight modeling.
-Traffic and truck count data monitoring/collection with GIS maps.
-Annual HPMS database updates to Caltrans.
-Population, employment, land use and socio-economic database and maps displaying various metropolitan transportation planning projects/activities.
-GIS support, mapping, and data for the MPO projects/activities, including but not limited to RTDM, MTP and SCS.
-Visualization tools, maps and graphics for public participation, reports and web applications.
-GIS database and maps for 3 counties and 18 local jurisdictions depicting population, land use, traffic counts, the transit network and roadway network for RTDM and other planning efforts.
-Airport safety zone and other land use data collection and mapping for long range planning.
-GIS web portal and maps for public participation.
-Data analysis and mapping contributing to the MTP/SCS for 2015, 2020, 2035, 2045 future horizon year and core planning functions.
-Data analysis, mapping, and GIS support to the RTDM.

Federally Eligible Tasks

-Obtain most recent American Community Survey, California Employment Development Department, California Department of Finance Data, Census, CTPP and other data as available. Assembly of these data at TAZ level for the AMBAG RTDM. Coordinate and update Census geography as part of 2020 Census Participant Statistical Areas Program (PSAP).
-AMBAG oversees the Highway Performance Monitoring System (HPMS).
-Provide and use HPMS, VMT and highway lane miles data for various transportation planning activities including MTP and MTIP.
-Maintain Geographic Information Systems data that will support topics of regional concern, such as metropolitan transportation planning projects/activities, and demographic information in the tri-county MPO region and the surrounding areas as necessary. GIS work supports the Metropolitan Transportation Plan (MTP), Regional Travel Demand Model (RTDM) and the Metropolitan Transportation Improvement Program (MTIP).
-Development of visualization tools, maps and data analysis using GIS for public participation.
-GIS data for Corridor/transit studies.

Previous Accomplishments

Provided GIS/Data and other technical support and data analysis, maps for the 2040 MTP/SCS, and providing technical assistance for MPO, RTPAs, and other agencies are the most significant accomplishments for FY 2018-2019. In addition, other ongoing tasks include traffic counts, Census and demographic data which is periodically updated and available for metropolitan transportation planning use and distribution. AMBAG has compiled a wealth of Census data since the results of the decennial Census became available. Staff also maintains a database of American Community Survey and other Census data products to use for the MTP and RTDM. The agency over the past fiscal years updated the format and organization of its GIS database to meet better and industry standard practice. The agency traffic counts database has also been updated to year 2015 for integration and calibration of traffic flows in the RTDM.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 11,000**	
1.1	Monitor and provide support for HPMS Program.	Reports and HPMS delivery to Caltrans		6/30/2020
1.2	Administer Central Coast Joint Data Committee (CCJDC) GIS data sharing activities, GIS trainings, and GIS Day.	Bi-monthly meeting, agenda, and meeting notes posted to website		Bi-monthly

1.3	Track project activities and develop FY 2020-21 scope of work for the work element consistent with Federal planning factors.	Work Element for FY 2020-21 OWP	1/31/2020 Draft 4/30/2020 Final
1.4	Provide monthly project progress report and attend/prepare for meetings.	Project progress report	Monthly
2	**Planning**	**$ 97,000**	
2.1	Participate in trainings/webinars, skill development, and capacity building activities for data analysis and GIS mapping.	Attend webinars, seminars, and conferences	6/30/2020
2.2	Provide GIS support, training, and mapping, for MPO, RTPA, other agencies and general public.	Presentations, posters, hand out materials	6/30/2020
2.3	Continue planning and developing GIS data visualization tools and GIS web applications.	Updated GIS maps and GIS database/shapefiles	Quarterly
2.4	Compile and develop land use and transportation data sets for scenario development to assist the 2045 MTP/SCS plan.	GIS database/shapefiles	6/30/2020
3	**Data Gathering and Analysis**	**$ 155,000**	
3.1	Coordinate with RTPA's, local jurisdictions, and Caltrans to assemble traffic and truck volume data at various locations throughout the Monterey Bay Region. Consolidate and convert those data into GIS format.	GIS database of traffic volume, truck counts and vehicle occupancy	6/30/2020
3.2	Work with transit agencies for the inclusion of transit information in the GIS format and host on the web portal and include in the travel demand model.	Ridership and service database for Web portal and MTP/SCS planning	6/30/2020
3.3	Obtain most recent American Community Survey, California Employment Development Department, California Department of Finance Data, Census, CTPP and other data as available. Assemble and analyze the data at various levels of geography.	Updated annual trend line database for Monterey Bay Region for internal planning analysis and web portal	6/30/2020
3.4	Continue data collection, data entry and analysis of parcel level land use data.	GIS shapefiles updated with General Plans, assessor data and other land use information	Bi-annually
3.5	Assist with compiling population, housing and employment data for each county and jurisdiction for the 2022 Regional Growth Forecast.	Compiled trend data for population and employment forecast update	6/30/2020
3.6	Coordinate the collection of traffic accident data and reported transportation safety areas.	GIS database of traffic accident locations	Quarterly
3.7	Collect data on airport safety zones and update maps.	Updated Airport safety zone maps	6/30/2020
3.8	Assist staff in collection, analysis and preparation of various maps and databases for core MPO's planning functions and activities.	Maps, databases and data visualization materials	6/30/2020

3.9	Continue hosting, maintaining, and responding to request for the Wildlife Connectivity Tool for public use.	Hosted Wildlife Connectivity Tool for public use	Quarterly
3.10	Prepare and create draft maps, graphs, and charts for MPO activities for public participation.	GIS maps, graphs, charts	6/30/2020
3.11	Collect and update GIS and transportation network.	Updated transportation, land use, TAZ and network	6/30/2020
3.12	Finalize maps, data and analysis for MTP/SCS and inputs.	GIS maps, shapefiles, graphs, charts and network files	6/30/2020
3.13	Develop draft land use model for use in RTDM/ABM/MTP.	GIS based land use model	6/30/2020
4	**Coordination**	**$ 18,000**	
4.1	Work with Caltrans, regional transportation planning agencies and local jurisdictions to coordinate traffic count data collection and reporting with Caltrans and local agencies.	Reports, data files and maps	6/30/2020
4.2	Coordinate Highway Performance Monitoring System (HPMS) program related data assembly efforts with Caltrans, RTPAs and local jurisdictions.	HPMS program data sets for Caltrans	6/30/2020
4.3	Participate and help coordinate annual CCJDC GIS day and promote public awareness of the many applications of GIS.	Presentations, posters and agenda as well as maps and web postings	11/30/2019
4.4	Coordinate the efforts related to the Wildlife Connectivity Tool.	Communication with the project manager	6/30/2020
4.5	Work with jurisdictions and partner agencies on data coordination for supporting MPO activities.	Reports, meeting participation, data files and maps	6/30/2020
4.6	Coordinate Census geography updates with regional transportation planning agencies and jurisdictions.	Communication with US Census Bureau and updated GIS files	6/30/2020
5	**Public Participation**	**$ 10,000**	
5.1	Provide count and historic traffic count data for use by government agencies and members of the public.	GIS maps, graphs, charts emailed to interested parties and list of requests	Bi-annually
5.2	Provide land use development components used in MTP/SCS as needed.	GIS online tool UrbanFootprint updates	Monthly
5.3	Provide freight movement data and mapped areas of freight movement trends to state and federal agencies, land use development proponents and members of the public as needed.	Data or maps emailed to interested parties and list of requests	6/30/2020
5.4	Provide parcel, land use and zoning data to local, state and regional agencies, land use development proponents and members of the public as needed.	GIS data or maps emailed to interested parties	Quarterly

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

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.

Enhance the integration and connectivity of the transportation system, across and between modes, people and freight.

Promote efficient system management and operation.

Emphasize the preservation of the existing transportation system.

Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.

Enhance travel and tourism.

WORK ELEMENT NUMBER 251 **Regional Travel Demand Model (RTDM)** **Amendment No. 2**

Project Manager: Bhupendra Patel **Total Budget: $ 351,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change
Salaries	116,403	(2,174)
Fringe Benefits	54,710	(1,022)
Indirect	150,887	3,196
Professional Services*		-
Supplies	20,000	-
Printing	-	-
Travel**	9,000	-
Toll Credits	40,260	-
In-Kind/Non-Federal Local Match	-	-
TOTAL	**351,000**	-

**Contracts as follows:*
No contracts

***May include out of state travel.*

REVENUE	Amount ($)	Change
FHWA PL	190,000	-
In-Kind - Toll Credits	21,793	-
FTA 5303	61,000	-
In-Kind - Toll Credits	6,997	-
FHWA PL c/o	100,000	-
In-Kind - Toll Credits	11,470	-
FTA 5303 c/o		-
In-Kind - Toll Credits	-	-
MBARD	-	-
TOTAL	**351,000**	
% Federal	**88.53**	

Project Description

To support the metropolitan transportation planning activities and decision making process AMBAG staff develops, maintains and applies a Regional Travel Demand Model (RTDM). The AMBAG RTDM has been peer reviewed by professional experts and meets best practice standards. Regional Travel Demand Modeling (RTDM) is used to support metropolitan transportation and air quality planning and programming activities within the tri-county Metropolitan Planning Area. AMBAG staff in consultation with Caltrans, local and regional agencies continuously collect, analyze and applies most recent population, employment and land use data to develop and enhance the RTDM as well as provides technical assistance/guidance to regional agencies, cities and counties including Caltrans for model use and its applications. The AMBAG-RTDM is available for public agency/consultant use by signing an AMBAG Board approved Model Use Agreement (MUA) for corridor and project planning. Travel demand modeling activities performed for San Benito County are partially included in WE 624 of the AMBAG OWP and also included in the SBtCOG's OWP. The calibrated/validated AMBAG RTDM is primarily used to develop and compare various transportation and land use alternatives for the Metropolitan Transportation Plan (WE 622), air quality conformity analysis for the Environmental Impact Report (EIR), Sustainable Community Strategy (SCS), Major Investment Studies (MIS), Freight Study, and Metropolitan Transportation Improvement Program (MTIP) (WE 641 & 642) project activities.

TAMC, SCCRTC, SBtCOG, MBARD, Caltrans and professional model users are involved in AMBAG's travel demand model updates/enhancements activities through participation in the Technical Advisory Committees (TACs), Central Coast Model Users Group as well as project specific coordination meetings.

Project Products

Maintenance of the 2015-2020-2035-2040 AMBAG RTDM and technical guidance to regional agencies, state and transportation stakeholder.
Ongoing support of the 2040 MTP/SCS with model years of 2015-2020-2035-2040, and research for future years model trendline data for 2045.
Presentation at Technical Advisory Committee meetings for model improvements and feedback for the new 2015-2020-2035-2040 AMBAG RTDM.
Participation in peer review/modeling related committees, workshops and seminars.
Update the travel model input datasets for 2020, 2035, 2045 MTP/SCS (trendline analysis from 2022 RGF).
Research new trends in RTDM, information collection for upgrade of the AMBAG RTDM (Activity-Based Model, land use and Bike model integration).
Data collection for truck Model component.
Model data for Performance Measures framework for AMBAG MPO area.
Draft 2015 base year Activity-Based Model (ABM) Framework for AMBAG region.

Federally Eligible Tasks

Enhance, maintain, and apply Regional Travel Demand Model (RTDM) for the MPO's transportation planning and programming activities including but not limited to MTP/SCS, MTIP, air conformity analysis as per the 23 CFR, and system performance management as per MAP-21 requirements.
Various data collection, analysis and refinements for the current AMBAG RTDM.
Presentation at TAC and other seminars as well as participation in meetings, conferences and technical committees for Travel Demand Forecast as well as air quality analysis related subjects.
Development of Performance Measures framework, maintenance and reports.
Freight Movement related data collection, planning and forecasting for AMBAG region.
Development of Activity-Based Model (ABM) Framework for AMBAG region.

Previous Accomplishments

AMBAG completed an entirely new 2010-2020-2035 RTDM in FY 2013-14, used to develop and support the 2035 and 2040 MTP/SCS with associated SB 375 mandates. In FY 15-16 to FY 17-18 AMBAG staff performed a technical updated to the RTDM including future forecast year of 2020, 2035 and 2040. Staff also performed multiple MTP/SCS scenario analysis. The agency has also performed modeling activities and provided technical support for regional transportation planning agencies, the Air District, Caltrans, and consultants hired by local and regional agencies.
In FY 2010-11, AMBAG began updating the RTDM to include the new base year 2010, interim year 2020 and horizon year 2035 as part of the long term Model Improvement Plan (MIP), partly funded by a Strategic Growth Council grant from Proposition 84 funds. In FY 2013-14, AMBAG finalized the implementation of over thirty improvements to the model recommended as short and medium term improvements by the FHWA sponsored TMIP Peer Review conducted in March 2011. AMBAG in coordination with the RTPAs and state procured a sample size of over 2,000 surveys from the California Household Travel Survey (CHTS) for use in the model development and calibration. Other inputs for the MIP include the Central Coast Commercial Flows study data and the Monterey Bay Origin Destination Study completed in FY 2012-13. AMBAG collected various datasets for base year 2015, updated 2015 transportation networks and land use data as part of the 2040 MTP/SCS. Completed development of multiple scenarios (Model network and land used layers) for 2040 MTP/SCS update. AMBAG staff participated in various webinars/workshop pertaining to Performance Measures and target setting.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 10,000**	
1.1	Continue to provide access to the AMBAG RTDM for interested parties after executing the Model Use Agreement (MUA).	Signed Model Use Agreements		6/30/2020
1.2	Administration of WE 257 ABM model framework.	Attend Monthly meetings, progress report and invoices		Monthly

1.3	Track project activities and develop FY 20-21 scope of work for the Regional Travel Demand Model work element to include in the FY 20-21 OWP.	Draft Work Element for FY 2020-2021 OWP	2/27/2020 Draft 4/17/2020 Final
1.4	Provide quarterly project progress report and attend various MTP/SCS and other project meetings.	Project progress report, summary findings, presentations and email responses	Monthly
2	**Planning**	**$ 125,000**	
2.1	Integrate disaggregated population, employment and housing data into TAZ layer for modeling MTP/SCS scenarios for 2020, 2035, 2045 (with consultant assistance, WE257).	TAZ layers and population synthesis data layers for 2020, 2035, 2045	6/30/2020
2.2	Prepare framework for land use modeling for 2020, 2035, and 2045 forecast years for AMBAG's 2045 MTP/SCS.	Prepare draft input land use layers at TAZ or parcel level	6/30/2020
2.3	Review system performance final rule for National Performance Measure and prepare data to assess National Highway System (NHS).	Measures that evaluate system performance	6/30/2020
2.4	Participate/attend model peer review, TRB or other conferences, webinar to present and learn new modeling trends and tools.	Meeting summary, presentations, agenda and follow-up	6/30/2020
3	**Data Gathering and Analysis**	**$ 194,000**	
3.1	Conduct trend line analysis for model inputs and outputs for the 2045 SCS/MTP model update.	Model input layers including but not limited to TAZ, roadway, transit, traffic counts, population, employment, and updated projects completed within the base year horizon	12/31/2019
3.2	Analyze trend line truck and freight data to strengthen the truck modeling capabilities of the RTDM (with consultant assistance, WE257).	Updated truck and freight dataset	6/30/2020
3.3	Validate data with existing ground truck information sources including but not limited to traffic counts, freight flows, population and employment counts (with technical assistance from consultant, WE 257).	Validated and integrated model data set	6/30/2020
3.4	Study and collect data sets, model parameters to implement Activity-Based Model approach for certain component(s) of the current RTDM (with technical assistance from consultant, WE 257).	Technical memorandum and database model prototypes, etc.	6/30/2020
3.5	Conduct data collection and performance analysis for National Performance Management.	Performance measures about Bridge and Pavement and System Performance	6/30/2020

4	**Coordination**		**$ 12,000**	
4.1	Coordinate Model Technical Advisory Committee meetings.	Meeting agenda, handouts, notes and action items		Two Meetings
4.2	Provide technical assistance to model users (annual average is 20 requests).	Documentation of assistance provided		Bi-Weekly
4.3	Coordinate with regional transportation planning agencies and local jurisdictions to collect data for the transportation and land use updates to the RTDM.	Updated network and TAZ layers for Base year and future years		6/30/2020
5	**Public Participation**		**$ 10,000**	
5.1	Participate and/or help organize the Central Coast Model Users Group meeting.	Meeting agenda, handouts, notes and action items		Quarterly
5.2	Process MTP model (inputs and outputs) data to be hosted on AMBAG web page and presentation at MTP/SCS public meetings.	Simplified model output files for web page, handouts, maps, tables		6/30/2020
5.3	Host and maintain model data on AMBAG Model web page for stakeholders as well as the general public.	Web page with data posted		6/30/2020
5.4	Provide access and/or technical assistance to the public and model stakeholders pertaining to model data and its applications.	Technical assistance, maps table or reports		6/30/2020

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.

Increase the safety of the transportation system for motorized and non-motorized users.

Increase the security of the transportation system for motorized and non-motorized users.

Increase the accessibility and mobility of people and for freight.

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.

Enhance the integration and connectivity of the transportation system, across and between modes, people and freight.

Promote efficient system management and operation.

Emphasize the preservation of the existing transportation system.

Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.

Enhance travel and tourism.

WORK ELEMENT NUMBER 257 **Central Coast Supra-Regional Activity-Based Model Framework** **Amendment No. 2**

Project Manager: Bhupendra Patel **Total Budget: $ 557,793**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change
Salaries	57,042	332	FHWA SPR, Part I, Strategic Partnerships	407,793.35	3,793
Fringe Benefits	26,810	156	Local Fund	150,000	-
Indirect	73,941	3,305	SLOCOG	-	-
Professional Services*	390,000	-	SBCAG	-	-
Supplies	-	-	FHWA PL c/o	-	-
Printing	-	-	In-Kind - Toll Credits	-	-
Travel	10,000	-	FTA 5303 c/o	-	-
Toll Credits	-	-	In-Kind - Toll Credits	-	-
In-Kind/Non-Federal Local Match	-	-	MBARD	-	-
TOTAL	**557,793**	3,793	**TOTAL**	**557,793**	3,793
			% Federal	**73.11%**	

**Contracts are as follows:*

(1) Caliper Corporation 390,000 Technical services for the development of an Activity-Based Model (ABM) Framework for the Central Coast Supra-Region (AMBAG, SLOCOG and SBCAG). Total contract amount is $899,680

Local fund/Cash Match: AMBAG 75,000, SLOCOG 37,500 and SBCAG 37,500

***May include out of state travel and supportive cost for peer review panel*

Project Description

Under this work element staff at AMBAG, SLOCOG, SBCAG, and Caltrans are partners in developing a cost-effective and advanced Activity-Based Model (ABM) framework for California's Central Coast region. Under this project, recent travel behavior survey data (CHTS and NHTS) will be used to develop, calibrate, validate and forecast passenger travel using daily simulated activity patterns. The Activity-Based Model framework will then replace AMBAG, SLOCOG and SBCAG's existing four-step regional travel demand models and be used for the third round of Regional Transportation Plans and Sustainable Communities Strategies (SCS) updates. The final framework with ABM approach will help each MPO evaluate transportation policies and performance of the transportation system. This project products will provide a turnkey ABM framework for consideration and can be used by other MPOs throughout the state who are facing similar modeling challenges. This project will be jointly managed by AMBAG, SLOCOG, SBCAG and Caltrans staff.

Project Products

- Agendas, meeting materials, meeting notes, quarterly reports, and invoicing
- Comparative analysis report of ABM framework, recommendations for ABM and ABM implementation plan/technical report
- Household and other travel survey data analysis report with methodology to implement into ABM framework, processed survey data, tables, charts
- Fully calibrated and validated ABM framework for the Central Coast region (targeted at County level)
- Updated 2015, 2020, 2035, 2040 and 2045 transportation model networks for each MPO
- TAZ update and validation
- Integrated fully functional ABM model for each MPO (AMBAG, SLOCOG and SBCAG; hands-on training for CCMDC)
- Truck model for 2015, 2020, 2035, 2040 and 2045 with technical report; truck trip assignment and VMT report by county
- Model sensitivity test report, presentation of sensitivity testing results to CCMDC and peer review panel
- Draft model calibration and validation report for peer review panel
- Peer review report/recommendations
- Final model technical report
- Selected performance reports by county and MPO
- Training materials and model user guide

Federally Eligible Tasks

Entire project activities and tasks are federally eligible. The project is funded by FHWA State Planning and Research (SPR), Part I, Strategic Partnerships planning grant ($650,000) and local cash match ($400,000).

Previous Accomplishments

AMBAG along with SBCAG and SLOCOG have collaboratively been working together with Caltrans and other stakeholders to develop a new ABM framework. For the Central Coast Supra-Regional Activity-Based Model Framework, data analysis and methodology to implement into ABM are completed for five counties and the three MPOs. Deliverables for the ABM include the consolidated household travel survey (combined CHTS and NHTS datasets), ACS, employment databases, and the population synthesis module for 2015.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 23,000**	
1.1	Project administration. Ongoing task will continue into next OWP FY 20/21.	Updated project work plan, public outreach materials, invoices and progress reports		6/30/2021
1.2	Monthly/Quarterly meeting, reporting and invoicing. Ongoing task will continue into next OWP FY 20/21.	Agendas, meeting materials, and meeting notes. Quarterly reports and invoicing		6/30/2021
1.3	Work with SBCAG, SLOCOG and Caltrans for tri-MPO Activity Based Model of the next RTDM (with technical assistance from consultant). Ongoing task will continue into next OWP FY 20/21.	Activity-Based Model related progress report and meetings		6/30/2021

2	**Planning**	**$ 26,000**	
2.1	Comparative analysis of ABM framework and implementation plan development.	Comparative analysis report of ABM framework, meeting and presentation materials. Recommendations for ABM and ABM implementation plan	12/31/2019
3	**Data Gathering and Analysis**	**$ 448,793**	
3.1	Develop, calibrate and validate ABM (at County level or MPO level), including ABM Day Pattern Models (primary and secondary tours) and Destination Choice Models by time of day.	Fully calibrated and validated ABM framework for the Central Coast (targeted at County level or MPO level)	9/30/2019
3.2	Develop 2015, 2020, 2035, 2040 and 2045 Highway, Transit, and Bike networks Choice Models by time of day.	Updated 2015, 2020, 2035, 2040 and 2045 networks for each MPO. Model technical report	9/30/2019
3.3	Integrate ABM framework into the three regional models Choice Models by time of day.	Integrated fully functional ABM model for each MPO (AMBAG, SLOCOG and SBCAG). Hands-on training for CCMDC. Model technical report	9/30/2019
3.4	Develop 2015, 2020, 2035, 2040 and 2045 truck models; truck trip assignments and truck VMT reports.	Truck model for 2015, 2020, 2035, 2040 and 2045 with technical report; truck trip assignment and VMT report by county	9/30/2019
3.5	Highway, Transit and Bike Assignments for each Metropolitan Planning Organization (time-of-day assignments).	2015, 2020, 2035, 2040 and 2045 congested skims for feedback to activity-based modeling components. 2015 validated highway assignments with validation results for peak and off-peak periods and 24 hours. Summary report by functional class and county. 2020, 2035, 2040 and 2045 highway assignments. 2015 validated transit assignment with validation results. 2020, 2035, 2040 and 2045 transit assignments/bike assignment (if feasible)	6/30/2020
3.6	Transportation, land use, and other parameter sensitivity testing.	Draft model sensitivity report. Presentation of sensitivity testing results to CCMDC and peer review panel	6/30/2020
4	**Coordination**	**$ 60,000**	
4.1	Peer review with modelers, consultants, and third parties.	Draft model calibration and validation statistic report for peer review panel. PowerPoint presentation and other handouts for peer review panel. Draft peer review report/recommendations and final model technical report	6/30/2020

4.2	Hold monthly progress meetings and streamline data management, air quality analysis-related outputs, performance measures reports and train Metropolitan Planning Organization and Caltrans staff on use of modeling products. Ongoing task will continue into next OWP FY 20/21.	Selected performance reports by county and MPO training materials and model user guide	Monthly
4.3	Public outreach meetings for SBCAG/SLOCOG/AMBAG Area. Ongoing task will continue into next OWP FY 20/21.	Meeting agendas, presentations and follow-up to action items. Six public meetings (two meetings in each MPO area)	6/30/2021

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
Increase the safety of the transportation system for motorized and non-motorized users.
Increase the security of the transportation system for motorized and non-motorized users.
Increase the accessibility and mobility of people and for freight.
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.
Enhance the integration and connectivity of the transportation system, across and between modes, people and freight.
Promote efficient system management and operation.
Emphasize the preservation of the existing transportation system.
Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.
Enhance travel and tourism.

WORK ELEMENT NUMBER 320 **AMBAG PG&E Local Governments Partnership Program (Energy Watch)** **Amendment No. 2**

Project Manager: Elisabeth Bertrand **Total Budget: $ 584,198**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change
Salaries	207,754	(29,788)
Fringe Benefits	97,644	(14,001)
Indirect	269,300	(26,566)
Professional Services*	-	-
Supplies	5,000	(13,518)
Printing	500	(3,500)
Travel	4,000	(3,500)
Toll Credits	-	-
In-Kind/Non-Federal Local Match	-	-
TOTAL	**584,198**	(90,873)

REVENUE	Amount ($)	Change
PG&E LGP 2019	584,198	(90,873)
TOTAL	**584,198**	(90,873)
% Federal	**0%**	

**Contracts are as follows:*

None

Project Description

AMBAG Energy Watch is a program that provides energy efficiency and climate action planning to the diverse market sectors within the AMBAG region. These market sectors include services provided to municipal governments, special districts, non-profits, school districts, hospitality businesses, agriculture businesses, and residents. The program operates on funding provided through the California Public Utilities Commission (CPUC) and through a partnership with Pacific Gas and Electric Company (PG&E). The AMBAG Energy Watch program has been in operation since 2006. Types of services the program provides includes: highly subsidized turnkey direct installation of energy efficiency measures across all market sectors, support in accessing funding for energy efficiency, technical support in energy benchmarking, greenhouse gas inventories, energy action strategies, and complex project management, and education and training for the region in areas related to energy efficiency and climate action planning.

Project Products

Energy efficiency throughout region in multiple market segments.
Climate action planning support for all of AMBAG's 21 jurisdictions.

Federally Eligible Tasks

This is a non-federal work element.

Previous Accomplishments

The Energy Watch Program has reduced annual energy use in the region since its inception in 2006. It has worked with the 21 AMBAG jurisdictions to complete the greenhouse gas inventories for both their facilities and for their jurisdictions as a whole (referred to as the Community-wide Inventories). It has completed the baseline 2005 inventories and the subsequent 2009 and 2010 updates. It has used this data to support the development of Community-wide Energy Action Strategies for each of the 21 jurisdictions. It has completed energy benchmarking for the municipal facilities in the AMBAG region. The program serves residents, hospitality businesses, non-profits, special districts, schools and municipalities.

Tasks & Deliverables

Step	*Description*	*Completion Date*
1	Direct Install for jurisdictions, special districts, non-profits, small businesses, hospitality businesses, and agriculture businesses.	6/30/2020
2	Financing support and complex energy efficiency project management support for jurisdictions, special districts, schools and agriculture.	6/30/2020
3	Energy-Efficiency Education & Information Services.	6/30/2020
4	Energy Benchmarking for jurisdictions and school districts.	6/30/2020
5	Community-wide Greenhouse Gas (GHG) Inventories and updates.	6/30/2020
6	Regional coordination of California Home Energy Renovation Opportunity (HERO) Program under Memorandum of Understanding (MOU) with Western Riverside Council of Governments (WRCOG).	6/30/2020

Task	*Description*	*Completion Date*
1	Provide free home energy audits and energy-efficiency components (ex. Light bulbs, showerheads) to just above low income homes.	Ongoing
2	Provide energy efficiency, renewable energy, and climate action planning training to all market segments.	Ongoing
3	Develop and support the new program serving school districts with implementing Prop 39 energy efficiency projects.	Ongoing
4	Provide climate action planning training.	Ongoing
5	Implement Strategic Energy Efficiency using Benchmarking Data for 21 AMBAG jurisdictions.	Ongoing

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
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.

WORK ELEMENT NUMBER 411 **Clearinghouse** **Amendment No. 2**

Project Manager: Will Condon **Total Budget: $ 12,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change	E
Salaries	4,338	(81)	FHWA PL	10,000	-	
Fringe Benefits	2,039	(38)	In-Kind - Toll Credits	1,147	-	
Indirect	5,623	119	FTA 5303	2,000	-	
Professional Services*	-	-	In-Kind - Toll Credits	229	-	
Supplies	-	-	FHWA PL c/o	-	-	
Printing	-	-	In-Kind - Toll Credits	-	-	
Travel	-	-	FTA 5303 c/o	-	-	
Toll Credits	1,376	-	In-Kind - Toll Credits	-	-	
In-Kind/Non-Federal Local Match	-	-				
TOTAL	**12,000**	-	**TOTAL**	**12,000**	-	
			% Federal	**88.53**		

**Contracts are as follows:*

None

Project Description

The purpose of this project is to inform local governments, concerned agencies and citizens of local, regional, and regionally significant state projects in order to promote early review and consideration of projects and anticipated impacts. AMBAG provides comments on key project which may have an impact on the implementation of the MTP/SCS and MTIP. This work element allows AMBAG to monitor regionally significant projects and their impact on the regional travel demand model and regional transportation performance targets. Additionally, the information collected can be used to track and facilitate coordination across jurisdictions and MPO boundaries on land use plans and projects that have transportation implications, and transportation plans and projects that have land use implications.

Project Products

Monthly record of projects and plans requiring compliance with the California Environmental Quality Act (CEQA).

Federally Eligible Tasks

Collection and documentation of regionally significant project proposals and state planning programs.

Previous Accomplishments

AMBAG developed and implemented a Regional Clearinghouse database. Staff has entered into a database, written clearinghouse records since 2002.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 3,000**	
1.1	Provide a summary to the AMBAG Board of Directors on activities that have come through the clearinghouse since the previous board meeting.	Board memos, agenda and minutes		Monthly
2	**Planning**		**$ 4,000**	
2.1	Review environmental documents for consistency with regional plans. Provide feedback to lead agencies about developments that will impact the regional transportation system and information sharing with partner agencies will be addressed through regional coordination and liaison work elements.	Correspondence		Weekly
3	**Data Gathering and Analysis**		**$ 3,000**	
3.1	Continuously track projects in a regional database for the purposes of examining land use in the region.	Access database updated weekly		Weekly
3.2	Collect data from project proponents and summarize data for reports.	Correspondence		Weekly
4	**Coordination**		**$ -**	
4.1	None.			
5	**Public Participation**		**$ 2,000**	
5.1	Disseminate information to the general public and policy makers on projects that are subject to CEQA.	Reports summarizing projects received by the clearinghouse		Bi-monthly

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.

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.

WORK ELEMENT NUMBER 502 **Regional Analysis & Planning Services, Inc. Administration** **Amendment No. 2**

Project Manager: Maura Twomey & Errol Osteraa **Total Budget: $ 2,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change
Salaries	723	(14)
Fringe Benefits	340	(6)
Indirect	937	20
Professional Services*	-	-
Supplies	-	-
Printing	-	-
Travel	-	-
Toll Credits	-	-
In-Kind/Non-Federal Local Match	-	-
TOTAL	**2,000**	-

REVENUE	Amount ($)	Change
RAPS	2,000	-
TOTAL	**2,000**	-
% Federal	**0%**	

**Contracts are as follows:*
None

Project Description

RAPS Administration oversees the operation of AMBAG's nonprofit arm, Regional Analysis and Planning Services (RAPS), Inc.

Project Products

RAPS Board reports, financial statements and audits.

Federally Eligible Tasks

This is a non-federal work element.

Previous Accomplishments

RAPS is a non-profit corporation chartered by AMBAG in 1991. The primary goals of the organization are to provide date resource and planning services to all segments of the community to government agencies, non-profit organizations, and private concerns.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 2,000**	
1.1	Prepare RAPS Board meeting agendas, reports and other meeting materials.	Meeting agenda, handouts, notes and action items		6/30/2020
1.2	Bring pertinent information to the AMBAG Board for consideration.	Board memos or verbal communication		6/30/2020
1.3	Prepare financial statements and audits for RAPS.	Financials and audit reports		6/30/2020
2	**Planning**		**$ -**	
2.1	None.			
3	**Data Gathering and Analysis**		**$ -**	
3.1	None.			
4	**Coordination**		**$ -**	
4.1	None.			
5	**Public Participation**		**$ -**	
5.1	None.			

Federal Planning Factors (PF)

This is a non-federal work element.

WORK ELEMENT NUMBER 511 **Regional Analysis & Planning Services, Inc. Technical Assistance** **Amendment No. 2**

Project Manager: Maura Twomey **Total Budget: $ 50,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change	E
Salaries	18,075	(338)	RAPS	50,000	-	
Fringe Benefits	8,495	(159)				
Indirect	23,430	497				
Professional Services*	-	-				
Supplies	-	-				
Printing	-	-				
Travel	-	-				
Toll Credits	-	-				
In-Kind/Non-Federal Local Match	-	-				
TOTAL	**50,000**	-	**TOTAL**	**50,000**	-	
			% Federal	**0%**		

**Contracts are as follows:*
None

Project Description

Provides technical assistance to government agencies, non-profit organizations and private entities, as requested.

Project Products

Technical assistance, as needed, including reports, maps, graphics and presentations.

Federally Eligible Tasks

This is a non-federal work element.

Previous Accomplishments

Provided technical (GIS, Modeling, Census) services/assistance to various agencies. Prepared sub-area TDM for the City of Salinas. Provided census and forecast data to Soquel Water District, and Santa Cruz County. Prepared Procurement and Human Resource Manuals for the City of Carmel. Prepared Administrative Support Guidebook and provided training to El Dorado County Transportation Commission. Reviewed Accounting and Procurement Procedures for Calaveras Council of Governments (CCOG). Provided the County of San Benito with an Organizational Analysis of its Resource Management Agency. Provided administrative and financial consulting services to the Sacaramento Area Council of Governments (SACOG).

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 48,500**	
1.1	Report activities to RAPS Board of Directors.	Meetings, memos and presentations		6/30/2020
2	**Planning**		**$ -**	
2.1	None.			
3	**Data Gathering and Analysis**		**$ 1,500**	
3.1	Provide assistance to public, non-profit or private entities needing technical assistance.	GIS data and maps, Census data analysis, forecast analysis and other data products		6/30/2020
4	**Coordination**		**$ -**	
4.1	None.			
5	**Public Participation**		**$ -**	
5.1	None.			

Federal Planning Factors (PF)

This is a non-federal work element.

WORK ELEMENT NUMBER 530 **Pajaro River Watershed Flood Prevention Authority Administration** **Amendment 2**

Project Manager: Ana Flores & Maura Twomey **Total Budget: $ 40,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change
Salaries	14,460	(270)	RAPS	40,000	-
Fringe Benefits	6,796	(127)			
Indirect	18,744	397			
Professional Services*	-	-			
Supplies	-	-			
Printing	-	-			
Travel	-	-			
Toll Credits	-	-			
In-Kind/Non-Federal Local Match	-	-			
TOTAL	**40,000**	-	**TOTAL**	**40,000**	-
			% Federal	**0%**	

**Contracts are as follows:*
None

Project Description

Provide administrative services to the Pajaro River Watershed Flood Prevention Authority.

Project Products

Agendas, minutes, and financial records and reports.

Federally Eligible Tasks

This is a non-federal work element.

Previous Accomplishments

The Authority was established in July 2000 by State Assembly Bill 807 in order to "identify, evaluate, fund, and implement flood prevention and control strategies in the Pajaro River Watershed, on an intergovernmental basis." The watershed covers areas of four counties and four water districts and the board is comprised of one representative from each of the eight following agencies:

- County of Monterey
- County of San Benito
- County of Santa Clara
- County of Santa Cruz
- Monterey County Water Resources Agency
- San Benito County Water District
- Santa Clara Valley Water District
- Santa Cruz County Flood Control and Water Conservation District, Zone 7

The Authority acts as a governing body through which each member organization can participate and contribute to finding a method to provide flood protection in the watershed and promote general watershed interests. In addition to flood protection, some identified benefits could include:

- Municipal, agricultural, and industrial water supply
- Groundwater recharge
- Support of rare, threatened, or endangered species
- Migration and spawning of aquatic organisms
- Preservation of wildlife habitat
- Water quality

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 40,000**	
1.1	Prepare Pajaro Board meeting agendas, reports and other meeting materials.	Meeting agenda, handouts, notes and action items		6/30/2020
1.2	Bring pertinent information to the AMBAG Board for consideration.	Board memos or verbal communication		6/30/2019
1.3	Prepare financial statements and audits.	Financials and audit reports		6/30/2020
2	**Planning**		**$ -**	
2.1	None.			
3	**Data Gathering and Analysis**		**$ -**	
3.1	None.			
4	**Coordination**		**$ -**	
4.1	None.			

5	**Public Participation**	**$ -**
5.1	None.	

Federal Planning Factors (PF)

This is a non-federal work element.

WORK ELEMENT NUMBER 604 **Sustainable Communities Planning (FY 2018-2019)** **Amendment No. 2**

Project Manager: Heather Adamson **Total Budget: $ 205,490**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change
Salaries	73,020	62,621	SB1 Formula & Competitive Grants (FY 2018-2019)	181,920.59	156,921
Fringe Benefits	34,319	29,432	FHWA PL	23,569.74	20,331
Indirect	94,651	81,699			-
Professional Services*		-			-
Supplies	2,500	2,500			-
Printing		-			-
Travel**	1,000	1,000			-
Toll Credits	-	-			-
In-Kind/Non-Federal Local Match	-	-			-
TOTAL	**205,490**	177,252	**TOTAL**	**205,490**	177,252
			% Federal	**11.47%**	

**Contracts are as follows:*

None

***May include out of state travel.*

Project Description

This work element will conduct local and regional multimodal transportation and land use planning that further the AMBAG's MTP/SCS, contribute to the State's GHG reduction goals, targets and other sustainability goals. Under this work element, AMBAG staff will work with local jurisdictions, transportation partner agencies, Caltrans and key stakeholders to develop and implement key components and strategies of the MTP/SCS. AMBAG will collaborate with local jurisdictions to provide various plans, strategies and data that will be used in the AMBAG MTP/SCS. Additionally, task included in this work element include updating the draft regional growth forecast.

Project Products

- Research, identify and collect data for MTP/SCS implementation.
- Develop SCS GIS database, mapping and graphics.
- Develop SB 1 MTP/SCS planning implementation framework.
- Develop Draft Regional Growth Forecast

Federally Eligible Tasks

This work element contains Federal and State funding. "The Road Repair and Accountability Act of 2017, Senate Bill (SB) 1," provides the first significant, stable, and ongoing increase in state transportation funding in more than two decades. The Legislature has increased revenues and expanded the California Transportation Commission's (CTC) role to provide transparent oversight and accountability for transportation infrastructure investments. SB 1 has allocated $25 million annually for Sustainable Communities Grants to encourage local and regional planning that further state goals, including, but not limited to, the goals and best practices cited in the regional transportation plan guidelines adopted by the CTC. However, this work element directly supports federally required MTP/SCS development, public participation and implementation, monitoring and update related tasks. It helps meet the objectives of the AMBAG Metropolitan Transportation Plan, in that it utilizes techniques that assist in community-based development of innovative regional transportation and land use alternatives to improve community livability, long-term economic stability and sustainable development.

Previous Accomplishments

- Researched and updated data for MTP/SCS development and implementation.
- Updated SCS mapping and graphics.
- Developed initial process for AMBAG local jurisdiction MOU agreement for data sharing and MTP/SCS implementation.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 7,990**	
1.1	Track and update the project schedule monthly and prepare monthly as well as quarterly progress reports and submit to Caltrans for necessary action.	Updated project timeline and scope of work. Monthly and quarterly progress report to Caltrans		Monthly/ Quarterly
2	**Planning**		**$ 115,000**	
2.1	Attend local, state and regional agency meetings/workshops/seminars pertaining to transportation, land use, housing, habitat, economic, climate adaptation, sustainability, or air quality planning activities as well as issues to enhance staff skills and greater participation and or coordination.	Training materials, meeting agendas, handouts, notes and presentations at AMBAG Board and other policy board meetings		Monthly
2.2	Develop a framework for conducting local sustainability planning, including but not limited to active transportation plans, housing studies, transit oriented development and other planning activities that will implement the AMBAG SCS.	Draft framework for Sustainable Communities local and subregional activities		6/30/2020
3	**Data Gathering and Analysis**		**$ 45,000**	
3.1	Collect and compile data (public health, environmental justice, disadvantaged communities, housing, habitat, natural resources, farmland, transportation, etc.) and data analysis.	Data, spreadsheets, tables, GIS layers, etc.		6/30/2020
3.2	Develop regional growth projections, including data collection, analysis and visualization.	Data, technical documentation and graphic materials		3/31/2020

3.3	Develop GIS database, maps, graphs and charts for the SCS and local jurisdictions.	GIS database, maps, graphs and charts	6/30/2020
4	**Coordination**	**$ 35,000**	
4.1	Coordinate with local, state, federal agencies and key stakeholders for data collection, identifying responsible agencies and coordination for data support and if needed, MOU/agreements.	Reports, GIS shapefiles, database, maps, and MOUs for data agreements	6/30/2020
4.2	Attend state, regional and local agency meetings (including MPO/State Agency Planning Agencies, Strategic Growth Council, Office of Planning & Research, Air Resources Board, Housing & Community Development, California Transportation Agency Sustainable Leaders Network, FORA and Monterey Bay Air Resources District) to exchange information on transportation and land use planning activities in order to enhance coordination among transportation plans, programs and regulations.	Reports on transportation related planning activities, including recommendations on affecting consistency in local regional plans, in monthly Board and advisory committee meeting agendas, and shared with stakeholders (attend over 20 meetings). Meeting agenda review, presentations and follow-up to the action items	Monthly
5	**Public Participation**	**$ 2,500**	
5.1	Sustainable Communities Strategy meetings.	Meeting agendas, presentations, handouts, meeting notes and action items	Quarterly or as needed.
5.2	Coordination meetings with partner agencies.	Meeting agendas, presentations, handouts, meeting notes and action items	Monthly

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

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.

Promote efficient system management and operation.

Emphasize the preservation of the existing transportation system.

Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.

WORK ELEMENT NUMBER 605 **Sustainable Communities Planning (FY 2019-2020)** **Amendment No. 2**

Project Manager: Heather Adamson **Total Budget: $ 366,976**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change
Salaries	106,608	878	SB1 Formula & Competitive Grants (FY 2019-2020)	324,884	9,617
Fringe Benefits	50,106	413	FHWA PL	42,092	1,246
Indirect	138,190	6,500			
Professional Services*	48,072	(1,928)			
Supplies	15,000	5,000			
Printing	1,000	-			
Travel**	8,000	-			
Toll Credits	-	-			
In-Kind/Non-Federal Local Match	-	-			
TOTAL	**366,976**	10,863	**TOTAL**	**366,976**	10,863
			% Federal	**11.47%**	

**Contracts are as follows:*

Population Reference Bureau 48,072 Forecast and RHNA Consultant

***May include out of state travel.*

Project Description

This work element will conduct local and regional multimodal transportation and land use planning that further the AMBAG's MTP/SCS, contribute to the State's GHG reduction goals, targets and other sustainability goals. Under this work element, AMBAG staff will work with local jurisdictions, transportation partner agencies, Caltrans and key stakeholders to develop and implement key components and strategies of the MTP/SCS. AMBAG will collaborate with local jurisdictions to provide various plans, strategies and data that will be used in the AMBAG MTP/SCS. Additionally, task included in this work element include finalizing the regional growth forecast and updating the Regional Housing Needs Allocation (RHNA) Plan.

Project Products

- Research, identify and collect data for MTP/SCS implementation.
- Refine SCS GIS database, mapping and graphics.
- Finalize Regional Growth Forecast
- Housing planning data analysis
- Develop and evaluate RHNA methodologies

Federally Eligible Tasks

This work element contains Federal and State funding. "The Road Repair and Accountability Act of 2017, Senate Bill (SB) 1," provides the first significant, stable, and ongoing increase in state transportation funding in more than two decades. The Legislature has increased revenues and expanded the California Transportation Commission's (CTC) role to provide transparent oversight and accountability for transportation infrastructure investments. SB 1 has allocated $25 million annually for Sustainable Communities Grants to encourage local and regional planning that further state goals, including, but not limited to, the goals and best practices cited in the regional transportation plan guidelines adopted by the CTC. However, this work element directly supports federally required MTP/SCS development, public participation and implementation, monitoring and update related tasks. It helps meet the objectives of the AMBAG Metropolitan Transportation Plan, in that it utilizes techniques that assist in community-based development of innovative regional transportation and land use alternatives to improve community livability, long-term economic stability and sustainable development.

Previous Accomplishments

- Researched and updated data for MTP/SCS development and implementation.
- Updated SCS mapping and graphics.
- Developed initial process for AMBAG local jurisdiction MOU agreement for data sharing and MTP/SCS implementation.
- Developed draft regional growth forecast

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 17,000**	
1.1	Track and update the project schedule monthly and prepare monthly as well as quarterly progress reports and submit to Caltrans for necessary action.	Updated project timeline and scope of work. Monthly and quarterly progress report to Caltrans		Monthly/ Quarterly
1.2	In consultation with local and regional partners, develop FY 2020-21 scope of work for the Sustainable Communities Planning work element to include in the FY 2019-20 OWP.	Draft and Final Work Element for FY 2020-21 OWP		2/28/2020 Draft 4/17/2020 Final
2	**Planning**		**$ 144,976**	
2.1	Attend local, state and regional agency meetings/workshops/seminars pertaining to transportation, land use, housing, habitat, economic, climate adaptation, sustainability, or air quality planning activities as well as issues to enhance staff skills and greater participation and or coordination.	Training materials, meeting agendas, handouts, notes and presentations at AMBAG Board and other policy board meetings		Monthly
2.2	Research potential options for RHNA methodologies and other regional housing planning efforts.	Data collection, policy analysis, etc.		6/30/2020
2.3	Develop framwork/approach for evaluating greenhouse gas emissions from various land uses for the SCS scenarios.	Data collection and technical documentation		6/30/2020

3	**Data Gathering and Analysis**	**$ 130,000**	
3.1	Collect and compile data (public health, environmental justice, disadvantaged communities, housing, habitat, natural resources, farmland, transportation, etc.) and data analysis.	Data, spreadsheets, tables, GIS layers, etc.	6/30/2020
3.2	Develop subregional growth projections, including data collection, analysis and visualization.	Data, technical documentation and graphic materials	6/30/2020
3.3	Refine housing projections and develop/evaluate potential alternative allocation methodologies.	Data, spreadsheets, technical documentation and graphic materials	6/30/2020
3.4	Update GIS database, maps, graphs and charts for the SCS and local jurisdictions.	GIS database, maps, graphs and charts	6/30/2020
4	**Coordination**	**$ 50,000**	
4.1	Coordinate with local, state, federal agencies and key stakeholders for data collection, identifying responsible agencies and coordination for data support and if needed, MOU/agreements.	Reports, GIS shapefiles, database, maps, and MOUs for data agreements	6/30/2020
4.2	Attend state, regional and local agency meetings (including MPO/State Agency Planning Agencies, Strategic Growth Council, Office of Planning & Research, Air Resources Board, Housing & Community Development, California Transportation Agency Sustainable Leaders Network, FORA and Monterey Bay Air Resources District) to exchange information on transportation and land use planning activities in order to enhance coordination among transportation plans, programs and regulations.	Reports on transportation related planning activities, including recommendations on affecting consistency in local regional plans, in monthly Board and advisory committee meeting agendas, and shared with stakeholders (attend over 20 meetings). Meeting agenda review, presentations and follow-up to the action items	Monthly
5	**Public Participation**	**$ 25,000**	
5.1	Public workshops and public participation activities.	Meeting agendas, presentations, handouts, meeting notes and action items	Quarterly or as needed.
5.2	Sustainable Communities Strategy meetings.	Meeting agendas, presentations, handouts, meeting notes and action items	Quarterly or as needed.
5.3	Coordination meetings with partner agencies.	Meeting agendas, presentations, handouts, meeting notes and action items	Monthly

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

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.

Promote efficient system management and operation.

Emphasize the preservation of the existing transportation system.

Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.

WORK ELEMENT NUMBER 610 **Transportation Performance Management (TPM)** **Amendment No. 2**

Project Manager: Paul Hierling **Total Budget: $ 90,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change
Salaries	31,993	(597)	FHWA PL	73,000	-
Fringe Benefits	15,037	(281)	In-Kind - Toll Credits	8,373	-
Indirect	41,471	878	FTA 5303	17,000	-
Professional Services*	-	-	In-Kind - Toll Credits	1,950	-
Supplies	-	-	FHWA PL c/o	-	-
Printing	-	-	In-Kind - Toll Credits	-	-
Travel**	1,500	-	FTA 5303 c/o	-	-
Toll Credits	10,323	-	In-Kind - Toll Credits	-	-
In-Kind/Non-Federal Local Match	-	-	AMBAG General Fund	-	-
TOTAL	**90,000**	-	**TOTAL**	**90,000**	-
			% Federal	**88.53**	

**Contracts are as follows:*

None

***May include out of state travel.*

Project Description

The Moving Ahead for Progress in the 21st Century (MAP-21) Act and the Fixing America's Surface Transportation (FAST) Act transformed the Federal-aid highway program by establishing new requirements for performance management. Performance management increases accountability and transparency and provides for a framework to support improved investment decision making through a focus on performance outcomes for key national transportation goals. Under this Work Element staff will conduct research, identify, collect and develop a Transportation Performance Management (TPM) measure analysis framework for future use as established under MAP-21 and FAST Act. TPM measures framework will include but is not limited to, motorized and non-motorized safety performance, condition for highways, bridges, transit assets, and National Highway System (NHS) performance. NHS performance to include: person-miles traveled, total emission reductions, travel time reliability and traffic congestion.

TPM represents the opportunity to prioritize needs, and align resources for optimizing system performance in a collaborative manner. TPM measures work supports activities such as the Metropolitan Transportation Plan (MTP), Regional Travel Demand Model (RTDM), the Metropolitan Transportation Improvement Program (MTIP), transit system planning. Data collection, developing infrastructure plans and developing a performance measure analysis framework will aid the performance measurement tracking, and reporting to State, FHWA and FTA as required by MAP-21 and FAST Act, while supporting Regional Models of Cooperation and Ladders of Opportunity.

Project Products

- Research, identify, and collect data for TPM measures analysis.
- Participate in TPM measures related meetings, webinars and target setting process with State, federal and local agencies.
- Work with State and Federal agencies to develop and compile TPM measures metrics and a performance measure analysis framework.

Federally Eligible Tasks

-All tasks of this work element are eligible for Federal funding.

Previous Accomplishments

-Presented informational material on TPMs to AMBAG Board, regional partners and local jurisdictions. Coordinated with Caltrans and FHWA on identifying Statewide TPMs. Compiled performance measure data for inclusion in AMBAG's 2040 MTP/SCS and MTIP.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 6,000**	
1.1	Monitor, report and provide support for development of TPM measures.	Compile information and State and Federal reporting		6/30/2020
1.2	Development of Transportation Performance Management (TPM) Work Element for the FY 2020-21.	Draft and Final Work Element for FY 2020-21.		2/28/2020 Draft 4/17/2020 Final
2	**Planning**		**$ 18,000**	
2.1	Researching FAST Act requirements for TPM data needs, analysis and performance measures, targets and reporting.	Participating in meetings pertaining to TPM; FAST Act implementation		4/30/2020
2.2	Research and identify TPM measure monitoring indicators to be used for performance measure analysis framework as established under MAP-21 and FAST Act.	Attend workgroup meetings/webinars. Compile research materials and draft outline of performance monitoring indicators		6/30/2019
3	**Data Gathering and Analysis**		**$ 46,000**	
3.1	Collect and compile performance monitoring indicator data (safety, transportation infrastructure, system reliability, congestion, economic vitality, environmental sustainability, and freight movement data) for reference. This will include data collection from the National Performance Management Research Data Set and associated analysis. Regional performance target setting.	Regional measures and targets.		5/29/2020

4	**Coordination**	**$ 18,000**	
4.1	Coordinate with local, state, federal agencies and key stakeholders for data collection, identifying responsible agencies and coordination for data support and if needed, MOU/agreements.	Reports, data and MOUs for data agreements	6/30/2020
4.2	Attend and participate in meetings, webinars and working groups.	Agendas, handouts and follow-up actions	5/29/2020
5	**Public Participation**	**$ 2,000**	
5.1	Provide performance measure information and data for use by government agencies and members of the public.	Data availability	Quarterly

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

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.

Promote efficient system management and operation.

Emphasize the preservation of the existing transportation system.

Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.

WORK ELEMENT NUMBER 621 **Elderly & Disabled & Americans with Disabilities Act** **Amendment No. 2**

Project Manager: Will Condon **Total Budget: $ 33,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change
Salaries	11,749	(219)	FHWA PL	25,000	-
Fringe Benefits	5,522	(103)	In-Kind - Toll Credits	2,868	-
Indirect	15,229	322	FTA 5303	8,000	-
Professional Services*	-	-	In-Kind - Toll Credits	918	-
Supplies	-	-	FHWA PL c/o	-	-
Printing	-	-	In-Kind - Toll Credits	-	-
Travel**	500	-	FTA 5303 c/o	-	-
Toll Credits	3,786	-	In-Kind - Toll Credits	-	-
In-Kind/Non-Federal Local Match	-	-			
TOTAL	**33,000**	-	**TOTAL**	**33,000**	-
			% Federal	**88.53**	

**Contracts are as follows:*
None
***May include out of state travel.*

Project Description

The purpose of this work element is to perform outreach, education, and coordination related to the Coordinated Public Transit-Human Services Transportation Plan (CPTP) and the Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) as it relates to the CPTP. The CPTP is a key planning document which identifies shortcomings in essential services to the elderly, disabled, low income and health challenged individuals, and provides strategies to mediate these shortcomings.

Project Products

- MAP-21/FAST Act Coordinated Public Transit-Human Services Transportation Plan (CPTP) outreach, education and coordination.
- Unmet transit needs recommendations.

Federally Eligible Tasks

All tasks listed below and deliverables are federally eligible.

Previous Accomplishments

In FY 2018-19 AMBAG, in coordination with its partners, developed the FAST Act required Coordinated Public Transit Human Services Transportation Plan (CPTP). The AMBAG Board adopted the CPTP in November 2018. As part of its ongoing coordination efforts, AMBAG staff attended the social services transportation committees of each RTPA and provided input on unmet needs and gaps in the existing transportation network.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 4,500**	
1.1	Meetings, emails, and phone calls with project partners and stakeholders.	Correspondence and meeting minutes		6/30/2020
1.2	PPP Work element development for FY 2020-21 OWP.	WE 621 for the FY 2020-21 OWP		2/28/2020 Draft 4/17/2020 Final
2	**Planning**		**$ 10,000**	
2.1	Maintain and amend the Coordinated Plan (as needed).	Update the Coordinated Plan with any new Federal/State Guidelines		6/30/2020
3	**Data Gathering and Analysis**		**$ 8,000**	
3.1	Update maps and demographic data for the Coordinated Plan.	Updated maps and data		Ongoing
4	**Coordination**		**$ 6,000**	
4.1	Participate in ad hoc and advisory committees of the RTPAs and AMBAG.	Meeting agenda, handouts, notes and action items		6/30/2020
4.2	Coordination meetings with AMBAG and regional advisory councils for updates on issues related to the Coordinated Plan.	Meeting agenda, handouts, notes and action items		6/30/2020
5	**Public Participation**		**$ 4,500**	
5.1	Participate in public meetings on issues related to the Coordinated Plan.	Outreach materials		6/30/2020

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency.
Increase the safety of the transportation system for motorized and non-motorized users.
Increase the security of the transportation system for motorized and non-motorized users.
Increase the accessibility and mobility of people and for freight.
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.
Enhance the integration and connectivity of the transportation system, across and between modes, people and freight.

WORK ELEMENT NUMBER 622 **Metropolitan Transportation Planning** **Amendment No. 2**

Project Manager: Heather Adamson **Total Budget: $ 315,407**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change	E
Salaries	102,633	(6,155)	FHWA PL	182,907	(11,508)	
Fringe Benefits	48,237	(2,893)	In-Kind - Toll Credits	20,979	(1,320)	
Indirect	133,037	(2,460)	FTA 5303	25,000	-	
Professional Services*	17,500	-	In-Kind - Toll Credits	2,868	-	
Supplies	5,000	-	FHWA PL c/o	100,000	-	
Printing	1,000	-	In-Kind - Toll Credits	11,470	-	
Travel**	8,000	-	FTA 5303 c/o	-	-	
Toll Credits	35,317	(1,320)	In-Kind - Toll Credits	-	-	
In-Kind/Non-Federal Local Match	-	-	AMBAG General Fund/Cash Contributions	7,500	-	
TOTAL	**315,407**	(12,828)	**TOTAL**	**315,407**	(12,828)	
			% Federal	**86.42**		

**Contracts are as follows:*

(1) Sohagi Law Group 7,500 Legal professional services consultants $75,000.00 ($7,500 for FY20, $25,000 for FY21 & $42,500 for FY22)

(2) Rincon Consultants 10,000 EIR Consultant, $225,000.00 ($10K for FY20, $70K for FY21, $145K for FY22)

*** May include out of state travel.*

Project Description

Develop/update and implement the Metropolitan Transportation Plan (MTP) for the Monterey Bay Metropolitan Planning Region, in accordance with MAP-21/FAST Act's regulations. AMBAG, SCCRTC, TAMC, SBtCOG, Caltrans, transit agencies (MST and SC METRO) coordinate and cooperatively develop the region's MTP (also see WE 624.) The MTP consists of a regional vision, policies and goals, transportation improvement projects and a financial forecast. The development and adoption of the MTP is a multi-year project with an expected adoption date of June 2022.

Project Products

Draft vision, goals, objectives, education materials, revised cost estimates, revenue forecasts, data collection for forecast, charts, graphs, etc.

Federally Eligible Tasks

All tasks listed below and deliverables are federally eligible.

Previous Accomplishments

Past accomplishments include preparation and adoption of the 2040 Metropolitan Transportation Plan in June 2018 as well as a joint Environmental Impact Report for the 2040 MTP/SCS and the RTPAs RTPs with extensive public participation and regional coordination.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 15,000**	
1.1	MTP/SCS Working Group and Executive Steering Committee meetings.	Meeting agendas, presentations, handouts, meeting notes and action items		Monthly
1.2	Development of the Metropolitan Transportation Planning Work Element for FY 2020-21 OWP.	Draft and Final Work Element for FY 2020-21		2/28/2020 Draft 4/17/2020 Final
2	**Planning**		**$ 159,915**	
2.1	Refine/update MTP/SCS vision, goals and policy objectives.	MTP/SCS vision, goals and policy objectives.		1/31/2020
2.2	Update transportation project costs and revenue projections.	Project cost estimates and revenue projections		6/30/2020
2.3	Issue Notice of Preparation and begin initial work on the EIR.	Notice of Preparation		3/31/2020
2.4	Develop a framework to update the AMBAG regional ITS plan, including identifying recent innovations, policies and regulations, to improve the efficiency and safety of the transportation system to include in the MTP/SCS.	Draft ITS strategies, policies and regulations		6/30/2020
2.5	Work with local jurisdictions to develop and incorporate new policies in their general/specific plans/ordinances that help achieve the goals of the MTP.	Policies ready for incorporation into general plans and zoning ordinances		6/30/2020
2.6	Work with local jurisdictions to update the land use patterns within the region and develop land use specific transportation improvements consistent with local city and county general plans.	Updated land use and place types, mapping, GIS layers, etc.		6/30/2020
3	**Data Gathering and Analysis**		**$ 96,000**	
3.1	Develop maps, graphs and charts in support of the 2045 MTP/SCS, in addition to maps for 2040 MTP/SCS education and outreach.	Maps, graphs and charts		6/30/2020
3.2	Maintain and update the transportation project database.	Telus database		Quarterly review and updates

4	**Coordination**	**$ 45,000**	
4.1	Coordinate with regional and local agencies to develop the 2045 MTP/SCS.	Meeting agendas, presentations, handouts, meeting notes and action items for 12-15 meetings	Monthly
4.2	Conduct Planning Directors Forum meetings.	Meeting agendas, presentations, handouts, meeting notes and action items for 3-6 meetings	Quarterly
4.3	Coordination meetings with partner agencies.	Meeting agendas, presentations, handouts, meeting notes and action items for 9 - 12 meetings	Monthly
5	**Public Participation**	**$ 11,000**	
5.1	Continue to provide updates on the progress of planning projects included the adopted 2040 MTP/SCS and the 2045 MTP/SCS currently under development in public forums.	Meeting agendas, presentations, handouts, meeting notes and action items	6/30/2020

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency.

Increase the safety of the transportation system for motorized and non-motorized users.

Increase the security of the transportation system for motorized and non-motorized users.

Increase the accessibility and mobility of people and for freight. Enhance the integration and connectivity of the transportation system, across and between modes, people and freight.

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.

Enhance the integration and connectivity of the transportation system, across and between modes, people and freight. (Support the ability for freight shippers and providers of freight transportation services to participate in metropolitan planning processes.)

Promote efficient system management and operation.

Emphasize the preservation of the existing transportation system.

Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.

Enhance travel and tourism.

WORK ELEMENT NUMBER 624 **San Benito County Regional Transportation Planning** **Amendment No. 2**

Project Manager: Heather Adamson **Total Budget: $ 27,650**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change	E
Salaries	9,815	(183)	FHWA PL	27,650	-	
Fringe Benefits	4,613	(86)	In-Kind - Toll Credits	3,171	-	
Indirect	12,722	269	FTA 5303	-	-	
Professional Services*	-	-	In-Kind - Toll Credits	-	-	
Supplies	-	-	FHWA PL c/o	-	-	
Printing		-	In-Kind - Toll Credits	-	-	
Travel	500	-	FTA 5303 c/o	-	-	
Toll Credits	3,171	-	In-Kind - Toll Credits	-	-	
In-Kind/Non-Federal Local Match	-	-				
TOTAL	**27,650**	-	**TOTAL**	**27,650**	-	
			% Federal	**88.53**		

**Contracts are as follows:*
None

Project Description

This work element is programmed as per the Memorandum of Understanding (MOU) between AMBAG, the Council of San Benito County Governments (SBtCOG) and Caltrans. The main objective of this work element is to develop and maintain the federally mandated Metropolitan Transportation Plan (MTP) for the Metropolitan Transportation Planning Area which includes San Benito County (a rural county within the AMBAG metropolitan planning area). It also includes developing and maintaining a San Benito County database used for the AMBAG Regional Travel Demand Model (RTDM) in order to meet the metropolitan transportation planning requirements, including but not limited to evaluating transportation projects and carrying out air quality analysis in a regional context.

AMBAG conducts and coordinates metropolitan transportation planning activities for San Benito County in accordance with MAP-21/FAST Act. requirements and in conjunction with each county's RTP (SCCRTC, TAMC and SBtCOG as detailed in the WE 622), to ensure that they have common formatting for the project database, financial forecasts, project selection criteria, modeling analysis and environmental review (EIR) with the MPO's MTP. Additionally under this work element planning is conducted for the Sustainable Communities Strategy (SCS), public participation and air quality, including but not limited to strategies for reducing Vehicle Miles Travel (VMT) as well as greenhouse gases (GHG) emissions. This work element is developed in conjunction with WE 622.

Project Products

Draft vision, goals, objectives, education materials, revised cost estimates, revenue forecasts, data collection for forecast, charts, graphs, etc. for San Benito County.

Federally Eligible Tasks

All tasks listed below and deliverables are federally eligible.

Previous Accomplishments

Adoption of the 2040 MTP/SCS.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 2,500**	
1.1	MTP/SCS Working Group and Executive Steering Committee meetings.	Meeting agendas, presentations, handouts, meeting notes and action items for 9-12 meetings		Monthly
1.2	Development of the Metropolitan Transportation Planning Work Element for FY 2020-21 OWP.	Draft and Final Work Element for FY 2020-21		2/28/2020 Draft 4/17/2020 Final
2	**Planning**		**$ 9,000**	
2.1	Refine/update MTP/SCS vision, goals and policy objectives.	MTP/SCS vision, goals and policy objectives.		1/31/2020
2.2	Update transportation project costs and revenue projections.	Project cost estimates and revenue projections		12/31/2020
	Issue Notice of Preparation and begin initial work on the EIR.	Notice of Preparation		3/31/2020
2.3	Work with local jurisdictions to develop and incorporate new policies in their general/specific plans/ordinances that help achieve the goals of the MTP.	Policies ready for incorporation into general plans and zoning ordinances		6/30/2020
2.4	Work with local jurisdictions to update the land use patterns within the region and develop land use specific transportation improvements consistent with local city and county general plans.	Updated land use and place types, mapping, GIS layers, etc.		6/30/2020
3	**Data Gathering and Analysis**		**$ 6,000**	
3.1	Develop maps, graphs and charts in support of the 2045 MTP/SCS, in addition to maps for 2040 MTP/SCS education and outreach.	Maps, graphs and charts		6/30/2020
3.2	Maintain and update the transportation project database.	Telus database		Quarterly review and updates
4	**Coordination**		**$ 7,650**	
4.1	Coordinate with regional and local agencies to develop the 2045 MTP/SCS.	Meeting agendas, presentations, handouts, meeting notes and action items for 9 - 12 meetings		Monthly
4.2	Conduct Planning Directors Forum meetings.	Meeting agendas, presentations, handouts, meeting notes and action items for 3 - 6 meetings		Quarterly
4.3	Coordination meetings with partner agencies.	Meeting agendas, presentations, handouts, meeting notes and action items for 9 - 12 meetings		Monthly

5	Public Participation		$ 2,500	
5.1	Continue to provide updates on the progress of planning projects included the adopted 2040 MTP/SCS and the 2045 MTP/SCS currently under development in public forums.	Meeting agendas, presentations, handouts, meeting notes and action items		6/30/2020

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency.

Increase the safety of the transportation system for motorized and non-motorized users.

Increase the security of the transportation system for motorized and non-motorized users.

Increase the accessibility and mobility of people and for freight.

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.

Enhance the integration and connectivity of the transportation system, across and between modes, people and freight.

Promote efficient system management and operation.

Emphasize the preservation of the existing transportation system.

Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.
Enhance travel and tourism.

WORK ELEMENT NUMBER 641 **Metropolitan Transportation Improvement Program (MTIP)** **Amendment No. 2**

Project Manager: Sasha Tepedelenova **Total Budget: $ 189,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change	E
Salaries	67,239	(1,256)	FHWA PL	153,000	-	
Fringe Benefits	31,602	(590)	In-Kind - Toll Credits	17,549	-	
Indirect	87,158	1,846	FTA 5303	36,000	-	
Professional Services*	-	-	In-Kind - Toll Credits	4,129	-	
Supplies	1,500	-	FHWA PL c/o	-	-	
Printing	500	-	In-Kind - Toll Credits	-	-	
Travel **	1,000	-	FTA 5303 c/o	-	-	
Toll Credits	21,678	-	In-Kind - Toll Credits	-	-	
In-Kind/Non-Federal Local Match	-	-			-	
TOTAL	**189,000**	-	**TOTAL**	**189,000**	-	
			% Federal	**88.53**		

**Contracts are as follows:*

None

***May include out of state travel.*

Project Description

This work element programs the Monterey and Santa Cruz County portion of work related to the Monterey Bay Metropolitan Transportation Improvement Program (MTIP) for FFY 2018-19 to FFY 2021-22. The MTIP implements the Monterey Bay Metropolitan Transportation Plan (MTP), as required by the Fixing America's Surface Transportation (FAST) Act, including projects that meet the region's performance measures and goals, as stated in the adopted 2040 MTP/SCS (access and mobility, economic vitality, environment, healthy communities, social equity, system preservation and safety). It lists multimodal transportation related improvements and includes all federally funded transportation improvement projects, as well as regionally significant transportation improvement projects regardless of funding source. The document is financially constrained, updated every two years and amended as warranted. According to the federal regulations, the Monterey Bay MTIP is first approved by the AMBAG Board of Directors as MPO, then by the State Governor, and upon federal (FHWA and FTA) approval, it is included in the Federal Statewide Transportation Improvement Program (FSTIP).

The main objective of this work element is to maintain the federally mandated MTIP for FFY 2018-19 to FFY 2021-22 and to develop the MTIP for FFY 2020-21 to FFY 2023-24 for the AMBAG Region as a part of the metropolitan transportation planning requirements. The MTIP is developed in coordination, cooperation, and consultation with the area's transit providers (MST, San Benito County LTA and SC METRO), Regional Transportation Planning Agencies (TAMC, SCCRTC and San Benito COG), local jurisdictions, Caltrans, FHWA, FTA, and other transportation stakeholders.

Project Products

- Four formal amendments to the MTIP for FFY 2018-19 to FFY 2021-22.
- Ten administrative modifications to the MTIP for FFY 2018-19 to FFY 2021-22.
- Annual List of Federally Obligated Projects by December 31, 2019.
- Notices for public participation for MTIP adoption/amendments.
- Board meetings staff memoranda and other supporting materials.
- Presentations to TAMC and SCCRTC Technical Advisory Committees and participation in the California Federal Programming Group (CFPG).
- State/federal reports, as mandated or requested for the MPO region.
- Information to local agencies/transit agencies/RTPAs about MTIP.

Federally Eligible Tasks

- Preparation and amendment of the AMBAG's Monterey Bay MTIP.
- Ensure public participation, publish notices and hold public hearings.
- Inter-agency coordination and cooperation in the preparation and amendment of the MTIP.
- Prepare and publish federally mandated annual reports.

Previous Accomplishments

- In coordination, consultation, and cooperation with the RTPAs, transit agencies, local jurisdictions, Caltrans, FHWA, FTA, and other interested stakeholders, developed the Monterey Bay MTIP for FFY 2018-19 to FFY 2021-22.
-Issued fourteen (14) formal amendments and administrative modifications to the Monterey Bay MTIP for FFY 2016-17 through FFY 2019-20 and two (2) to the Monterey Bay MTIP for FFY 2018-19 through FFY 2021-22..
-Programmed HSIP, FTA, SRTS and other special funding and provided guidance to regional and local agencies.
-Provided Concurrence Letters for MST and SCMETRO grant applications to the FTA and executed Supplemental Agreements.
-Published Annual List of Federally Obligated Projects for FFY 2017-18.
-Attended six (6) CFPG meetings.
-Attended six (6) TAC meetings.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 14,000**	
1.1	Engage in coordination, cooperation and consultation efforts with staff from the RTPAs, transit agencies, Caltrans, local agencies, and other project managers for the development of the MTIP for FFY 2020-21 to FFY 2023-24 MTIP.	Meeting agendas, presentations materials and email exchange		6/30/2020
1.2	Make at least two presentations at the TAC/ITAC meetings (TAMC and SCCRTC) for MTIP update.	Staff reports, presentation materials and handouts		3/30/2020
1.3	Prepare Board agendas, resolutions and provide Board presentations for MTIP formal amendments.	Staff reports, resolutions and presentation materials		Monthly

1.4	Review and provide transit agencies the project consistency certification for FTA funds.	Certificate/letter for grant applications	6/30/2020
1.5	Attend CFPG and other MTIP related meetings.	Meeting notes and follow-up items	Every 6 weeks
1.6	Monitor and update the project schedule and associated funding for MTIP, as well as follow-up with necessary action items.	Updated project timeline and scope of work	Monthly
1.7	Development of the MTIP work elements for the FY 2020-21 OWP.	OWP work element	2/28/2020
2	**Planning**	**$ 30,000**	
2.1	Solicit MTIP Formal Amendment and Administrative Modification requests.	Amendment requests	Quarterly
2.2	Program MTIP amendment projects into CTIPS.	CTIPS programming pages and amendment packages	Quarterly
2.3	Prepare group backup listings.	Group backup listings	Quarterly
2.4	Participate in various webinars/meetings pertaining to Performance Measures in relation to next MTIP development and reporting requirements.	Meetings/Webinars/Handouts	6/30/2020
3	**Data Gathering and Analysis**	**$ 85,000**	
3.1	Prepare 2018 MTIP financial constraint summary tables.	Financial Constraint Summary Tables	6/30/2020
3.2	Coordinate Formal Amendment/Administrative Modification requests with local jurisdictions.	Four formal amendments and ten administrative modifications	Monthly
3.3	Prepare financial tables for each Formal Amendment of the MTIP.	Updated financial tables to go with formal amendments	Quarterly
3.4	Prepare federally mandated MTIP reports.	Annual report and other reports/web posting	12/31/2019
3.5	Publish FY 2018-19 annual list of obligated projects for the AMBAG Region.	Annual list of obligated projects report	12/31/2019
3.6	Update projects for MTIP FFY 2018-19 to FFY 2021-22 in CTIPS.	Draft projects for the MTIP FFY 2018-19 to FFY 2021-22	6/30/2020
4	**Coordination**	**$ 45,000**	
4.1	Attend monthly TAC/ITAC meetings of TAMC and SCCRTC.	At least 6 meetings, attendance, and presentations	Monthly
4.2	Coordinate MTIP amendment process with RTPAs and project implementing agencies.	Agenda, email, handouts etc.	Quarterly
5	**Public Participation**	**$ 15,000**	
5.1	Publish public notice for Formal Amendments to the MTIP for public comments/review periods.	Newspaper notices	Quarterly

5.2	Post Formal Amendments to web for public comments/review.	Multiple web postings	Monthly
5.3	Publish annual list of obligated projects for public review/record.	Web posting of annual list of obligated projects	12/31/2019

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
Increase the safety of the transportation system for motorized and non-motorized users.
Increase the security of the transportation system for motorized and non-motorized users.
Increase the accessibility and mobility of people and for freight.
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.
Enhance the integration and connectivity of the transportation system, across and between modes, people and freight.
Promote efficient system management and operation.
Emphasize the preservation of the existing transportation system.
Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.
Enhance travel and tourism.

WORK ELEMENT NUMBER 642 **San Benito Transportation Improvement Program** **Amendment No. 2**

Project Manager: Sasha Tepedelenova **Total Budget: $ 13,500**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change	REVENUE	Amount ($)	Change	E
Salaries	4,880	(91)	FHWA PL	13,500	-	
Fringe Benefits	2,294	(43)	In-Kind - Toll Credits	1,548	-	
Indirect	6,326	134	FTA 5303	-	-	
Professional Services*	-	-	In-Kind - Toll Credits	-	-	
Supplies		-	FHWA PL c/o	-	-	
Printing	-	-	In-Kind - Toll Credits	-	-	
Travel		-	FTA 5303 c/o	-	-	
Toll Credits	1,548	-	In-Kind - Toll Credits	-	-	
In-Kind/Non-Federal Local Match	-	-				
TOTAL	**13,500**	-	**TOTAL**	**13,500**	-	
			% Federal	**88.53**		

**Contracts are as follows:*
None

Project Description

This work element programs the San Benito County portion of work related to the Monterey Bay Metropolitan Transportation Improvement Program (MTIP) for FFY 2018-19 to FFY 2021-22. The MTIP implements the Monterey Bay Metropolitan Transportation Plan (MTP), as required by the Fixing America's Surface Transportation (FAST) Act, including projects that meet the region's performance measures and goals, as stated in the adopted 2040 MTP/SCS (access and mobility, economic vitality, environment, healthy communities, social equity, system preservation and safety). It lists multimodal transportation related improvements and includes all federally funded transportation improvement projects, as well as regionally significant transportation improvement projects regardless of funding source. The document is financially constrained, updated every two years and amended as warranted. The Monterey Bay MTIP is first approved by the AMBAG Board of Directors, then by the State Governor, and upon federal (FHWA and FTA) approval, it is included in the Federal Statewide Transportation Improvement Program (FSTIP).
The main objective of this work element is to maintain the federally mandated MTIP for FFY 2018-19 to FFY 2021-22 and to initiate the process of development of the MTIP for FFY 2020-21 to 2023-24, which include projects from San Benito County as part of the metropolitan transportation planning requirements.

Project Products

- Four formal amendments to the MTIP for FFY 2018-19 to FFY 2021-22.
- Ten administrative modifications to the MTIP for FFY 2018-19 to FFY 2021-22.
- Annual List of Federally Obligated Projects by December 31, 2019.
- Notices for public participation for four Formal Amendments.
- Board meetings staff memoranda and other supporting materials.
- Presentations to SBtCOG Technical Advisory Committees and participation in the California Federal Programming Group (CFPG).
- State/federal reports, as mandated or requested for the MPO region.

Federally Eligible Tasks

- Preparation and amendment of the AMBAG's Monterey Bay MTIP.
- Ensure public participation, publish notices and hold public hearings.
- Inter-agency coordination and cooperation in the preparation and amendment of the MTIP.
- Prepare and publish federally mandated annual reports.

Previous Accomplishments

- In coordination, consultation, and cooperation with the RTPAs, transit agencies, local jurisdictions, Caltrans, FHWA, FTA, and other interested stakeholders, developed the Monterey Bay MTIP for FFY 2018-19 to FFY 2021-22.

-Issued fourteen (14) formal amendments and administrative modifications to the Monterey Bay MTIP for FFY 2016-17 through FFY 2019-20 and two (2) to the Monterey Bay MTIP for FFY 2018-19 through FFY 2021-22..

-Programmed HSIP, FTA, SRTS and other special funding and provided guidance to regional and local agencies.

-Published Annual List of Federally Obligated Projects for FFY 2017-18.

-Attended three (3) TAC meetings.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 3,355**	
1.1	Engage in coordination, cooperation and consultation efforts with staff from San Benito COG for the development of the MTIP for FFY 2020-21 to FFY 2023-24 MTIP.	Meeting agendas, presentations materials and email exchange		6/30/2020
1.2	Make at least two presentations at the San Benito TAC meeting for MTIP update.	Staff reports, presentation materials and handouts		3/30/2019
1.3	Prepare Board agendas, resolutions and provide Board presentations for MTIP formal amendments.	Staff reports, resolutions and presentation materials		Monthly
1.4	Review and provide transit agencies the project consistency certification for FTA funds.	Certificate/letter for grant applications		6/30/2020
1.5	Attend CFPG and other MTIP related meetings.	Meeting notes and follow-up items		Every 6 weeks
1.6	Monitor and update the project schedule and associated funding for MTIP, as well as follow-up with necessary action items.	Updated project timeline and scope of work		Monthly
1.7	Development of the MTIP work elements for the FY 2020-21 OWP.	OWP work element		2/28/2020
2	**Planning**		**$ 4,247**	
2.1	Solicit MTIP Formal Amendment and Administrative Modification requests.	Amendment requests		Quarterly
2.2	Program MTIP amendment projects into CTIPS.	CTIPS programming pages and amendment packages		Quarterly
2.3	Prepare group backup listings.	Group backup listings		Quarterly

2.4	Participate in various webinars/meetings pertaining to Performance Measures in relation to next MTIP development and reporting requirements.	Meetings/Webinars/Handouts		6/30/2020
3	**Data Gathering and Analysis**		**$ 3,544**	
3.1	Prepare 2018 MTIP financial constraint summary tables.	Financial Constraint Summary Tables		6/30/2020
3.2	Coordinate Formal Amendment/Administrative Modification requests with local jurisdictions.	Four formal amendments and ten administrative modifications		Monthly
3.3	Prepare financial tables for each Formal Amendment of the MTIP.	Updated financial tables to go with formal amendments		Quarterly
3.4	Prepare federally mandated MTIP reports.	Annual report and other reports/web posting		12/31/2019
3.5	Publish FY 2018-19 annual list of obligated projects for the AMBAG Region.	Annual list of obligated projects report		12/31/2019
3.6	Update projects for MTIP FFY 2018-19 to FFY 2021-22 in CTIPS.	Draft projects for the MTIP FFY 2018-19 to FFY 2021-22		6/30/2020
4	**Coordination**		**$ 1,177**	
4.1	Attend monthly TAC meetings of San Benito COG.	At least 3 meetings, attendance, and presentations		Monthly
4.2	Coordinate MTIP amendment process with RTPAs and project implementing agencies.	Agenda, email, handouts etc.		Quarterly
5	**Public Participation**		**$ 1,177**	
5.1	Publish public notice for Formal Amendments to the MTIP for public comments/review periods.	Newspaper notices		Quarterly
5.2	Post Formal Amendments to web for public comments/review.	Multiple web postings		Monthly
5.3	Publish annual list of obligated projects for public review/record.	Web posting of annual list of obligated projects		12/31/2019

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
Increase the safety of the transportation system for motorized and non-motorized users.
Increase the security of the transportation system for motorized and non-motorized users.
Increase the accessibility and mobility of people and for freight.
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.
Enhance the integration and connectivity of the transportation system, across and between modes, people and freight.
Promote efficient system management and operation.
Emphasize the preservation of the existing transportation system.
Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.
Enhance travel and tourism.

WORK ELEMENT NUMBER 680 **Rail Planning/Corridor Studies** **Amendment No. 2**

Project Manager: Paul Hierling **Total Budget: $ 38,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change
Salaries	13,556	(253)
Fringe Benefits	6,371	(119)
Indirect	17,572	372
Professional Services*	-	-
Supplies	-	-
Printing	-	-
Travel	500	-
Toll Credits	4,359	-
In-Kind/Non-Federal Local Match	-	-
TOTAL	**38,000**	-

REVENUE	Amount ($)	Change
FHWA PL	30,000	-
In-Kind - Toll Credits	3,441	-
FTA 5303	8,000	-
In-Kind - Toll Credits	918	-
FHWA PL c/o	-	-
In-Kind - Toll Credits	-	-
FTA 5303 c/o	-	-
In-Kind - Toll Credits	-	-
AMBAG General Fund/Cash Contributions	-	-
TOTAL	**38,000**	-
% Federal	**88.53**	

**Contracts are as follows:*

None

Project Description

The purpose of this work element is to conduct and/or participate in feasibility studies, prepare plans for regionally significant major corridor studies including but not limited to rail, transit, highway corridors within the tri-county Monterey Bay Region. Under this work element AMBAG will participate in highway/transit/rail corridor planning projects in cooperation with MPO, RTPA, transit agencies and Caltrans. Coordination will improve inter-agency cooperation on rail service and corridor planning.

Project Products

- Plans for best return on investment on rail and highway corridor infrastructure for the tri-county region including reports and findings from corridor studies, rail studies and transit studies.
- Organize and attend project coordination meetings, agenda and presentation materials.

Federally Eligible Tasks

Participate/assist in the preparation of the alternatives analyses/corridor studies being prepared throughout the region.

Previous Accomplishments

Participated in rail alternative analysis/corridor studies meetings and provided technical guidance per the MTP policies/strategies. Staff has supported RTPA (TAMC) involvement in the Rail Policy Committee and Coast Rail Coordinating Council. Staff participation includes the Hwy 1/United Corridor study, Hwy 101 TCR, Passenger Rail Feasibility Study, the MST and SCMETRO Bus on Shoulder Study, the MTC Mega Regional Goods Movement Study, the Pajaro to Prunedale Corridor Study, the Caltrans District 5 Active Transportation Plan, and other corridor studies. Staff has also reviewed and provided comments on the SR 9, SR 25, SR 68, SR 183, SR 198 and SR 218 TCRs.

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 4,000**	
1.1	Monitor rail, multimodal, and highway corridor planning activities, attend meetings and update other government agencies on plans.	Meeting agenda, handouts, notes and action items		Quarterly
1.2	Development of the Rail Planning/Corridor Studies Work Element for the FY 2020-21 OWP.	Draft and Final Work Element for FY 2020-21		2/28/2020 Draft 4/17/2020 Final
2	**Planning**		**$ 13,000**	
2.1	Provide a regional forum for discussion on inter-county connections for future rail projects.	Meeting agenda, handouts, notes and action items		6/30/2020
2.2	Review technical studies, concept scenario evaluations and environmental considerations for partner projects.	Technical memoranda and draft report		6/30/2020
3	**Data Gathering and Analysis**		**$ 5,000**	
3.1	Provide data and/or analysis of partner agencies' corridor studies and plans.	Data sets and analysis		6/30/2020
4	**Coordination**		**$ 16,000**	
4.1	Participate and review SBtCOG, TAMC and SCCRTC corridor studies, MST/METRO studies and other partner studies.	Meeting agenda, handouts, notes and action items, reports and summary findings		6/30/2020
4.2	Review and provide comments on the Caltrans corridor studies, active transportation studies, rail studies, and other state studies.	Comments on comprehensive corridor plans and other studies		6/30/2020
5	**Public Participation**		**$ -**	
5.1	None.			

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.

Increase the safety of the transportation system for motorized and non-motorized users.

Increase the security of the transportation system for motorized and non-motorized users.

Increase the accessibility and mobility of people and for freight.

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.

Enhance the integration and connectivity of the transportation system, across and between modes, people and freight.

Promote efficient system management and operation.

Emphasize the preservation of the existing transportation system.

Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.

Enhance travel and tourism.

WORK ELEMENT NUMBER 684 **Central Coast Highway 1 Climate Resiliency Study** **Amendment No. 2**

Project Manager: Heather Adamson **Total Budget: $ 325,927**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2019-2020

EXPENDITURES	Amount ($)	Change
Salaries	30,846	2,042
Fringe Benefits	14,498	960
Indirect	39,984	4,108
Professional Services*	239,100	19,099
Supplies	1,000	-
Printing	-	-
Travel	500	-
Toll Credits		-
In-Kind/Non-Federal Local Match	20,768	20,768
TOTAL	**325,927**	26,209

REVENUE	Amount ($)	Change
PTA Adaptation Planning Grants	231,929.42	36,279
In-Kind/Non-Federal Local Match	20,768	1,605
FHWA PL	9,281	(19,786)
SHA Sustainable Communities	75,000	-
FHWA PL	9,717	9,717
TOTAL	**325,927**	26,209
% Federal	**2.68%**	

**Contracts are as follows:*

(1) The Nature Conservancy	61,371	Natural resources planning.
(2) Center for the Blue Economy	39,450	Adaptation planning and economic analysis.
(3) Environmental Sciences Associates	138,279	Transportation/adaptation planning and outreach.

Project Description

The eight-mile stretch of Highway 1 near Elkhorn Slough is already constrained and will be increasingly impacted by coastal storm flooding and sea level rise. Driven by a need to sustain this critical transportation corridor and protect the iconic coastal habitat in the face of the unique challenges posed by climate change, a suite of unlikely partners in the Monterey Bay area are joining together to find innovative ways to address this complex transportation adaptation problem by exploring creative transportation solutions and the use of natural infrastructure approaches to promote transportation, habitat and economic resilience for the region.

Project Products

- Develop a transportation corridor concept by developing an analytical approach that merges consideration of natural resources with transportation mobility and efficiency priorities.
- Develop mapping and graphics
- Final report and findings
- Organize and attend project coordination meeting, public meetings, agenda and presentation materials.

Federally Eligible Tasks

Develop a corridor concept for the Highway 1 Corridor.

Previous Accomplishments

This work will build off previous work and studies such as the Moss Landing Coastal Climate Vulnerability Report (June 2017).

Tasks & Deliverables

Task	*Description*	*Deliverables*	*Budget*	*Completion Date*
1	**Administrative**		**$ 12,500**	
1.1	Attend project meetings, oversee consultant and subrecipients and monitor invoices.	Meeting agenda, handouts, notes and action items		Quarterly
1.2	Monitor and update subrecipient agreements for the Nature Conservancy (TNC) and the Center for Blue Economy (CBE).And agreement for the study consultant Environmental Science Associates (ESA).	Agreements for TNC and CBE, ESA agreement and progress reports		Quarterly
2	**Planning**		**$ 189,931**	
2.1	Develop adaptation concepts and transportation corridor/adaptation scenarios, develop preferred adaptation strategy and identify potential funding sources.	Technical memoranda and findings		2/28/2020
2.2	Develop Central Coast Highway 1 Resiliency Study report.	Draft/final report		6/30/2020
3	**Data Gathering and Analysis**		**$ 75,000**	
3.1	Provide data, mapping and analysis for the corridor study.	Data sets and analysis		12/31/2019
3.2	Evaluate transportation corridor/adaptation scenarios.	Performance measures		2/28/2020
4	**Coordination**		**$ 23,496**	
4.1	Coordinate with local, state, federal agencies and key stakeholders, including the Monterey County Resource Management Agency, for data collection, identifying responsible agencies and coordination for data support and if needed, MOU/agreements.	Reports, GIS shapefiles, database, maps and MOUs for data agreements		12/31/2019
4.2	Attend state, regional and local agency meetings to exchange information on transportation and land use planning activities in order to enhance coordination among transportation plans, programs and regulations.	Meeting agenda review, presentations and follow-up to the action items		Monthly
5	**Public Participation**		**$ 25,000**	
5.1	Public workshops and public participation activities.	Meeting agenda, handouts, notes, action items and other workshop materials.		6/30/2020

5.2	Coordination meetings with partner agencies.	Meeting agendas, handouts, notes and action items	6/30/2020

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency.

Increase the safety of the transportation system for motorized and non-motorized users.

Increase the security of the transportation system for motorized and non-motorized users.

Increase the accessibility and mobility of people and for freight.

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.

Enhance the integration and connectivity of the transportation system, across and between modes, people and freight.

Promote efficient system management and operation.

Emphasize the preservation of the existing transportation system.

Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.

Enhance travel and tourism.

Table A: Sources of Funds By Work Element: FY 2019-2020

WE #	Project Title	Local	FHWA PL		FHWA PL Carryover		FTA 5303		FTA 5303 Carryover		FHWA SPR, Part I, Strategic Partnerships		SB 1 Sustainable Communities (SC) (FY 2019-20)			SB 1 Sustainable Communities (SC) (FY 2018-19)			SB 1 Adaptation Planning (SP)			SHA Sustainability Community			Other Local, State, In-Kind or Federal		Toll Credits*	Total (Excluding In-Kind/Non-Federal Local Match and Toll Credits)
		AMBAG or other Local	Federal share	Toll Credits*	Federal share	Toll Credits*	Federal share	Toll Credits*	Federal share	Toll Credits*	Federal share	Local Match	SB 1 (SC) Share	Local Match		SB 1 (SC) Share	Local Match		SB 1 (AP) share	Local Match or In-Kind		SHA Share	Local Match					
101	Overall Work Program, Budget and Administration	-	77,000	8,832			17,000	1,950																	-		10,782	94,000
112	Transportation Plans Coordination and Interagency Liaison	2,000	180,000	20,646			42,000	4,817																	-		25,463	224,000
113	Public Participation Plan	-	26,000	2,982			5,000	574																	-		3,556	31,000
122	Water-Related Plans Coordination and Interagency Liaison	10,000	-				-																		-		-	10,000
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	2,000	155,000	17,779			59,000	6,767	75,000	8,603															-		33,149	291,000
251	Regional Travel Demand Model (RTDM)	-	190,000	21,793	100,000	11,470	61,000	6,997																	-		40,260	351,000
257	Central Coast Supra-Regional Activity-Based Model Framework	-	-				-				407,793	150,000													-		-	557,793
320	AMBAG PG&E Local Governments Partnership Program (Energy Watch)	-	-				-																		584,198		-	584,198
411	Clearinghouse	-	10,000	1,147			2,000	229																	-		1,376	12,000
502	Regional Analysis & Planning Services, Inc. Administration	-	-				-																		2,000			2,000
511	Regional Analysis & Planning Services, Inc. Technical Assistance	-	-				-																		50,000		-	50,000
530	Pajaro River Watershed Flood Prevention Authority Administration	-	-				-																		40,000		-	40,000
604	Sustainable Communities Planning (FY 2018-2019)	-	23,569.74				-									181,920.59	23,569.74	FHWA									-	205,490
605	Sustainable Communities Planning (FY 2019-2020)		42,092										324,884	42,092	FHWA												-	366,976
610	Transportation Performance Management (TPM)	-	73,000	8,373			17,000	1,950																	-		10,323	90,000
621	Elderly & Disabled & Americans with Disabilities Act	-	25,000	2,868			8,000	918																	-		3,786	33,000
622	Metropolitan Transportation Planning	7,500	182,907	20,979	100,000	11,470	25,000	2,868																	-		35,317	315,407
624	San Benito County Regional Transportation Planning	-	27,650	3,171			-																		-		3,171	27,650
641	Metropolitan Transportation Improvement Program (MTIP)	-	153,000	17,549			36,000	4,129																	-		21,678	189,000
642	San Benito Transportation Improvement Program	-	13,500	1,548			-																		-		1,548	13,500
680	Rail Planning/Corridor Studies	-	30,000	3,441			8,000	918																	-		4,359	38,000
684	Central Coast Highway 1 Climate Resiliency Study	-	18,998				-												231,929.42	9,281	FHWA	75,000	9,717	FHWA	20,768	INK	-	325,927
	Total	**21,500**	**1,227,717**	**131,108**	**200,000**	**22,940**	**280,000**	**32,117**	**75,000**	**8,603**	**407,793**	**150,000**	**324,884**	**42,092**		**181,921**	**23,570**		**231,929**	**9,281**		**75,000**	**9,717**		**676,198**		**194,768**	**3,851,942**

*Toll credits provided by the State of California are being utilized as a match for federal FHWA PL and FTA 5303 funds. The FHWA PL and FTA 5303 amounts shown in the Budget Revenue Summary Sheet represent 100% of the total federal participation cost, therefore toll credits are not included in the total revenue amount.

Table B: Estimated Expenditures by Work Element: FY 2019-2020

WE #		AMBAG	Contractor	Local Match*	Total (Excluding Local Match)
101	Overall Work Program, Budget and Administration	94,000	-	10,782	94,000
112	Transportation Plans Coordination and Interagency Liaison	224,000	-	25,463	224,000
113	Public Participation Plan	31,000	-	3,556	31,000
122	Water-Related Plans Coordination and Interagency Liaison	10,000	-	-	10,000
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	291,000	-	33,149	291,000
251	Regional Travel Demand Model (RTDM)	351,000	-	40,260	351,000
257	Central Coast Supra-Regional Activity-Based Model Framework	167,793	390,000	-	557,793
320	AMBAG PG&E Local Governments Partnership Program (Energy Watch)	584,198	-	-	584,198
411	Clearinghouse	12,000	-	1,376	12,000
502	Regional Analysis & Planning Services, Inc. Administration	2,000	-	-	2,000
511	Regional Analysis & Planning Services, Inc. Technical Assistance	50,000	-	-	50,000
530	Pajaro River Watershed Flood Prevention Authority Administration	40,000	-	-	40,000
604	Sustainable Communities Planning (FY 2018-2019)	205,490	-	-	205,490
605	Sustainable Communities Planning (FY 2019-2020)	318,904	48,072	-	366,976
610	Transportation Performance Management (TPM)	90,000	-	10,323	90,000
621	Elderly & Disabled & Americans with Disabilities Act	33,000	-	3,786	33,000
622	Metropolitan Transportation Planning	297,907	17,500	35,317	315,407
624	San Benito County Regional Transportation Planning	27,650	-	3,171	27,650
641	Metropolitan Transportation Improvement Program (MTIP)	189,000	-	21,678	189,000
642	San Benito Transportation Improvement Program	13,500	-	1,548	13,500
680	Rail Planning/Corridor Studies	38,000	-	4,359	38,000
684	Central Coast Highway 1 Climate Resiliency Study	86,827	239,100	20,768	325,927
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Total		**3,157,269**	**694,672**	**215,536**	**3,851,941**

**Includes in-kind/toll credits. Toll credits provided by the State of California are being utilized as a match for federal FHWA PL and FTA 5303 funds. The FHWA PL and FTA 5303 amounts shown in the Budget Revenue Summary Sheet represent 100% of the total federal participation cost, therefore toll credits are not included in the total revenue amount*

Table C: FTA Funds by Work Element: FY 2019-2020

		AMBAG	Carryover	TOTAL
I.	**FTA Sec. 5303 - FY 2019-2020**			
101	Overall Work Program, Budget and Administration	17,000	-	17,000
112	Transportation Plans Coordination and Interagency Liaison	42,000	-	42,000
113	Public Participation Plan	5,000	-	5,000
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	59,000	75,000	134,000
251	Regional Travel Demand Model (RTDM)	61,000	-	61,000
411	Clearinghouse	2,000	-	2,000
610	Transportation Performance Management (TPM)	17,000	-	17,000
621	Elderly & Disabled & Americans with Disabilities Act	8,000	-	8,000
622	Metropolitan Transportation Planning	25,000	-	25,000
641	Metropolitan Transportation Improvement Program (MTIP)	36,000	-	36,000
680	Rail Planning/Corridor Studies	8,000	-	8,000
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	Total I. FTA 5303 FY 2019-2020	**280,000**	**75,000**	**355,000**
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FTA Sec. 5303 FY 2018-2019 Carryover	75,000
FTA Sec. 5303 FY 2019-2020 Est. Alloc. Rev.	280,000

TOTAL FTA 5303	**355,000**

Table D: FHWA Funds by Work Element: FY 2019-2020

WE#		AMBAG	Carryover	TOTAL
I.	**FHWA PL FY 2019-2020**			
101	Overall Work Program, Budget and Administration	77,000	-	77,000
112	Transportation Plans Coordination and Interagency Liaison	180,000	-	180,000
113	Public Participation Plan	26,000	-	26,000
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	155,000	-	155,000
251	Regional Travel Demand Model (RTDM)	190,000	100,000	290,000
411	Clearinghouse	10,000	-	10,000
604	Sustainable Communities Planning (FY 2018-2019)	23,570	-	23,570
605	Sustainable Communities Planning (FY 2019-2020)	42,092		42,092
610	Transportation Performance Management (TPM)	73,000	-	73,000
621	Elderly & Disabled & Americans with Disabilities Act	25,000	-	25,000
622	Metropolitan Transportation Planning	182,907	100,000	282,907
624	San Benito County Regional Transportation Planning	27,650	-	27,650
641	Metropolitan Transportation Improvement Program (MTIP)	153,000	-	153,000
642	San Benito Transportation Improvement Program	13,500	-	13,500
680	Rail Planning/Corridor Studies	30,000	-	30,000
684	Central Coast Highway 1 Climate Resiliency Study	18,998	-	18,998
		---	---	---
	Total I. FHWA PL	**1,227,717**	**200,000**	**1,427,717**
		---	---	---
	FHWA PL FY 2018-2019 Carryover			200,000
	FHWA PL FY 2019-2020 Est. Alloc. Rev.			1,227,717

			TOTAL FHWA PL	**1,427,717**

Table E: Federal Sources of Funds By Work Element: FY 2019-2020

WE #		FHWA SPR PP Funds	FHWA PL	FHWA PL Carryover	FTA 5303	FTA 5303 Carryover	Total
101	Overall Work Program, Budget and Administration	-	77,000	-	17,000	-	94,000
112	Transportation Plans Coordination and Interagency Liaison	-	180,000	-	42,000	-	222,000
113	Public Participation Plan	-	26,000	-	5,000	-	31,000
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	-	155,000	-	59,000	75,000	289,000
251	Regional Travel Demand Model (RTDM)	-	190,000	100,000	61,000	-	351,000
257	Central Coast Supra-Regional Activity-Based Model Framework	407,793	-	-	-	-	407,793
411	Clearinghouse	-	10,000	-	2,000	-	12,000
604	Sustainable Communities Planning (FY 2018-2019)	-	23,570	-	-	-	23,570
605	Sustainable Communities Planning (FY 2019-2020)		42,092	-	-	-	42,092
610	Transportation Performance Management (TPM)	-	73,000	-	17,000	-	90,000
621	Elderly & Disabled & Americans with Disabilities Act	-	25,000	-	8,000	-	33,000
622	Metropolitan Transportation Planning	-	182,907	100,000	25,000	-	307,907
624	San Benito County Regional Transportation Planning	-	27,650	-	-	-	27,650
641	Metropolitan Transportation Improvement Program (MTIP)	-	153,000	-	36,000	-	189,000
642	San Benito Transportation Improvement Program	-	13,500	-	-	-	13,500
680	Rail Planning/Corridor Studies	-	30,000	-	8,000	-	38,000
684	Central Coast Highway 1 Climate Resiliency Study	-	18,998	-	-	-	18,998
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Total		**407,793**	**1,227,717**	**200,000**	**280,000**	**75,000**	**2,190,510**

Table F: State and Local Sources of Funds By Work Element: FY 2019-2020

WE #		Local or Local Cash Match	SB1 Formula & Competitive Grants FY 2018-2019	SB1 Formula & Competitive Grants FY 2019-2020	SB1 Adaption Funds FY 2018-2019	SHA Sustainable Communities	RAPS Inc.	PG&E LGP 2019	In-Kind/Non-Federal Local Match*	Total (Excluding In-Kind/Non-Federal Local Match)
101	Overall Work Program, Budget and Administration	-	-	-	-	-	-	-	-	-
112	Transportation Plans Coordination and Interagency Liaison	2,000	-	-	-	-	-	-	-	2,000
122	Water-Related Plans Coordination and Interagency Liaison	10,000	-	-	-	-	-	-	-	10,000
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	2,000	-	-	-	-	-	-	-	2,000
257	Central Coast Supra-Regional Activity-Based Model Framework	150,000	-	-	-	-	-	-	-	150,000
320	AMBAG PG&E Local Governments Partnership Program (Energy Watch)	-	-	-	-	-	-	584,198	-	584,198
502	Regional Analysis & Planning Services, Inc. Administration	-	-	-	-	-	2,000	-	-	2,000
511	Regional Analysis & Planning Services, Inc. Technical Assistance	-	-	-	-	-	50,000	-	-	50,000
530	Pajaro River Watershed Flood Prevention Authority Administration	-	-	-	-	-	40,000	-	-	40,000
604	Sustainable Communities Planning (FY 2018-2019)	-	181,921	-	-	-	-	-	-	181,921
605	Sustainable Communities Planning (FY 2019-2020)			324,884						324,884
622	Metropolitan Transportation Planning	7,500	-	-	-	-	-	-	-	7,500
684	Central Coast Highway 1 Climate Resiliency Study	-	-	-	231,929	75,000	-	-	20,768	306,929
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Total		**171,500**	**181,921**	**324,884**	**231,929**	**75,000**	**92,000**	**584,198**	**20,768**	**1,661,432**

*In-kind/non-federal local match is not included in total revenue.

Appendix A: Caltrans Planning Activities – District 5 AMBAG Regional Information Element

In accordance with the requirements of 23 CFR 450.314, the following is a list of planning activities for which transit agencies, cities, the County, and Caltrans are responsible within the MPO metropolitan planning area.

AGENCY NAME OR JURISDICTION: CALTRANS

Activity Description	MPO Work Element Number (if applicable)	Funding Type	Activities/ Product(s)	Work Performed by	Due Date	FSTIP Programming required? (Y/N)	SIP Related Activity (Y/N)	Comments
Regional Planning	621	TDA Oversight	Attend Unmet Needs Hearings – Technical Assistance	Caltrans	7/1/2019 – 6/30/2020	N	N	
Regional Planning	WE 112, 113, 610, 621, 622, 624, 641, 642	State/Federal	Transit Planning – Technical Assistance – Contract Administration – Meetings	Caltrans	7/1/2019 – 6/30/2020	N	N	
Regional Planning	WE 112, 113, 231, 251, 257, 604, 605, 610, 622, 624, 641, 642, 684	State/Federal	MTP, MTIP, RTP, RTIP, CTP , TIPs, CIB Technical Assistance – Meetings, TAC, Hearings, Committees	Caltrans	7/1/2019 – 6/30/2020	N	N	
Regional Planning	WE 112, 622, 624, 680	State/Federal	Rail Planning – Technical Assistance - Calif. State Rail Plan, State's Freight Mobility Plan	Caltrans	7/1/2019 – 6/30/2020	N	N	Monterey Branch Line, Santa Cruz Rail Branch Line, Capitol Corridor Extension to Salinas.
Regional Planning	WE 231, 251, 257	State/Federal	Trail Planning –- Technical Assistance – Meetings	Caltrans	7/1/2019 – 6/30/2020	N	N	Regional Travel Demand Model; Bicycle Travel Demand Model.

Activity Description	MPO Work Element Number (if applicable)	Funding Type	Activities/ Product(s)	Work Performed by	Due Date	FSTIP Programming required? (Y/N)	SIP Related Activity (Y/N)	Comments
Regional Planning	All	State/Federal	Committees, Meetings – Coordination	Caltrans	7/1/2019 – 6/30/2020	N	N	
Regional Planning	WE 101	State/Federal	Planning Grant Applications and Monitoring FTA 5304/Partner-ship Planning	Caltrans	7/1/2019 – 6/30/2020	Y	N	
Advance Planning/ Systems Planning	WE 112, 622, 610	State/Federal	ITS – Technical Assistance – Meetings – ITMS, CTIS	Caltrans	Ongoing	N	Y	Metropolitan Transportation Planning
Advance Planning/ Systems Planning	WE 112, 251, 257, 622, 680, 684	State/Federal	Corridor Studies, DSMP,TCRs, TPs, ITSP, PSRs, PSSRs,	Caltrans	Ongoing	Y	Y	
Travel Forecasting & Modeling, IGR-Development Review, Programming	WE 231, 251, 257, 411, 640, 641, 642	State/Federal	Regional Model Assistance; IGR-Dev. Review, Programming, ITIP, SHOPP, Minor A & B Projects, CTIPS,	Caltrans	7/1/2019 – 6/30/2020	N	N	

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PART III: Budget

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AMBAG Budget
Amendment No. 2
Fiscal Year 2019-2020

Adoption
October 9, 2019
Board of Directors
Meeting

AMBAG FY 2019-2020
Overview

The Association of Monterey Bay Area Governments (AMBAG) is a voluntary association of 18 cities and three counties in California's Central Coast region, encompassing 5,159 square miles and a population of 775,532. The Association was formed in 1968 by an agreement between the cities and counties to serve as a forum for discussing and making recommendations on issues of regional significance. Preservation of the area's natural assets continues to be a strong desire for AMBAG members along with concern for the area's economy and growth.

AMBAG's Board of Directors is composed of elected officials, appointed by their respective City Council or Board of Supervisors. Each member city has one representative on the Board, while each county has two. The Board meets monthly to set policy and to direct professional staff. Non-Voting Ex-Officio members include transit operators, regional transportation planning agencies, the State Department of Transportation, and the Monterey Bay Air Resources District.

Since its formation, AMBAG has confronted regional issues on a cooperative, unified basis between its members and other governments. AMBAG is also the designated Metropolitan Planning Organization (MPO) for Monterey, San Benito and Santa Cruz counties. As the MPO, AMBAG is responsible for metropolitan transportation and mobile source air quality planning for the tri-county region. AMBAG facilitates and coordinates the programming and budgeting of all transportation planning to meet identified needs while meeting collective air quality limitations set forth for transportation facilities. Additionally, AMBAG has established a partnership with Pacific Gas & Electric (PG&E) to provide outreach, training and upgrades to local facilities within the region. This Energy Watch Program is monitored by the California Public Utilities Commission. AMBAG also has a blended component unit non-profit agency, Regional Analysis & Planning Services, Inc. (RAPS, Inc.), to provide staff assistance, educational workshops, and demographic information outside the standard governmental body.

The annual agency budget is presented to the Board of Directors for adoption no later than the June Board meeting as required by the By-Laws.

The Executive Committee, which is also the Board's Finance Committee, reviews the budget and makes recommendations to the Board. The Board of Directors takes action on the budget, considering the member dues assessment for the year, agency staffing, and any salary adjustments and/or cost of living increases, in addition to the direct, indirect and general fund budget components of the overall budget.

The AMBAG budget is three-tiered: direct, indirect/overhead and general fund. The collective individual work elements within the annual Overall Work Program (OWP) comprise the direct budget component of the AMBAG Budget. In addition each work element shows the accrual of a percentage, approved by Caltrans for that fiscal year, of indirect for expenditures and work not directly related to distinct work elements. This collective amount of accrued indirect is enfolded into an indirect budget nested within the AMBAG Budget. In addition to the direct and indirect budget components, the AMBAG Budget also includes a General Fund budget outlining the use of member agencies' dues contributions for expenditures and activities not eligible for grant reimbursement.

For additional information and/or assistance, please do not hesitate to contact AMBAG at:

24580 Silver Cloud Court
Monterey, CA 93940
P.O. Box 2453
Seaside, CA 93955
Phone: (831) 883-3750 FAX: (831) 883-3755
Web site: http://www.ambag.org
E-mail: info@ambag.org

	FY 2019-2020 Amendment No. 1 5/8/2019	FY 2019-2020 Amendment No. 2 10/9/2019	Change
Revenue			
Federal	$ 2,186,717	$ 2,190,510	$ 3,793
State	$ 1,285,988	$ 1,397,932	$ 111,944
Local	$ 359,430	$ 359,430	$ -
Total Revenue	**$ 3,832,135**	**$ 3,947,872**	**$ 115,737**
Expenditures			
Salaries (Direct and Indirect) and Fringe Benefits	$ 2,577,417	$ 2,688,000	$ 110,583
Professional Services	$ 798,100	$ 815,272	$ 17,172
Lease/Rentals	$ 91,000	$ 91,000	$ -
Communications	$ 24,800	$ 24,800	$ -
Supplies	$ 109,718	$ 103,700	$ (6,018)
Printing	$ 11,350	$ 7,850	$ (3,500)
Travel ***(**)***	$ 90,150	$ 87,650	$ (2,500)
Other Charges	$ 94,020	$ 94,020	$ -
Total AMBAG Expenditures	**$ 3,796,555**	**$ 3,912,292**	**$ 115,737**
Total Subrecipient Agency Expenditures	**$ -**	**$ -**	**$ -**
Grand Total Expenditures	**$ 3,796,555**	**$ 3,912,292**	**$ 115,737**
Total AMBAG Revenue	**$ 3,832,135**	**$ 3,947,872**	**$ 115,737**
Transfer to Reserves	**$ 35,580**	**$ 35,580**	**$ -**
Total Revenue to Expenditures	**$ -**	**$ -**	**$ -**

****: Includes potential out-of-state travel for WEs 101, 112, 231, 251, 257, 603, 610, 621, 622, and 641.**

Note: Toll Credits of 194,911 and In-Kind Match of $20,768 constitute federal and state requirements and are provided for in services, therefore they are excluded from total revenue and expenses .

Table R: AMBAG Work Element Revenue Sources: FY 2019-2020

	WE#	FHWA	FTA	Federal/State Other	AMBAG Local	Private/Local Other	RAPS	Cash Contrib.	In-Kind/ Toll Credits*	Revenue
	101	77,000	17,000	0	0	0	0	0	10,782	94,000
	112	180,000	42,000	0	2,000	0	0	0	25,463	224,000
	113	26,000	5,000	0	0	0	0	0	3,556	31,000
	122	0	0	0	10,000	0	0	0	0	10,000
100 Total		**283,000**	**64,000**	**0**	**12,000**	**0**	**0**	**0**	**39,801**	**359,000**
	231	155,000	134,000	0	2,000	0	0	0	33,149	291,000
	251	290,000	61,000	0	0	0	0	0	40,260	351,000
	257	0	0	407,793 fhwa spr	150,000	0	0	0 var	0	557,793
200 Total		**445,000**	**195,000**	**407,793**	**152,000**	**0**	**0**	**0**	**73,409**	**1,199,793**
	320	0	0	584,198 pge	0	0	0	0	0	584,198
300 Total		**0**	**0**	**584,198**	**0**	**0**	**0**	**0**	**0**	**584,198**
	411	10,000	2,000	0	0	0	0	0	1,376	12,000
400 Total		**10,000**	**2,000**	**0**	**0**	**0**	**0**	**0**	**1,376**	**12,000**
	502	0	0	0	0	0	2,000	0	0	2,000
	511	0	0	0	0	0	50,000	0	0	50,000
	530	0	0	0	0	0	40,000	0	0	40,000
500 Total		**0**	**0**	**0**	**0**	**0**	**92,000**	**0**	**0**	**92,000**
	604	23,570	0	181,921 sha/sb 1/	0	0	0	0	0	205,490
	605	42,092	0	324,884 sha/sb 1/	0	0	0	0	0	366,976
	610	73,000	17,000	0	0	0	0	0	10,323	90,000
	621	25,000	8,000	0	0	0	0	0	3,786	33,000
	622	282,907	25,000	0	7,500	0	0	0	35,317	315,407
	624	27,650	0	0	0	0	0	0	3,171	27,650
	641	153,000	36,000	0	0	0	0	0	21,678	189,000
	642	13,500	0	0	0	0	0	0	1,548	13,500
	680	30,000	8,000	0	0	0	0	0	4,359	38,000
	684	18,998	0	306,929 sha/sb 1	0	0	0	0	20,768	325,927
600 Total		**689,717**	**94,000**	**813,734**	**7,500**	**0**	**0**	**0**	**100,950**	**1,604,950**
Grand Total		**1,427,717**	**355,000**	**1,805,725**	**171,500**	**0**	**92,000**	**0**	**215,536**	**3,851,942**
										3,851,942

pge=PG&E Local Government Partnership; sbt=SBtCOG; var=Various; fhwa spr=FHWA SPR, Part I, Strategic Partnerships; sha/sb 1=SHA/SB 1 Sustainable Communities

**Toll credits provided by the state of California which are utilized as local match for federal planning funds (FHWA PL/FTA 5303). In-kind/non-federal local match and toll credits are not included in total revenue.*

Table E: AMBAG Work Element Expenditures by Budget Source Account: FY 2019-2020

	WE #	Salaries/ Wages	Fringe Benefits	Indirect	Professional Services	Supplies	Printing	Travel	Toll Credits	In-Kind/ Non-Federal Local Match	Total
	101	33,222	15,614	43,064	0	0	1,500	600 oos	10,782	0	94,000
	112	77,542	36,445	100,513	0	0	0	9,500 oos	25,463	0	224,000
	113	10,755	5,055	13,941	0	1,000	0	250	3,556	0	31,000
	122	3,615	1,699	4,686	0	0	0	0	0	0	10,000
100 Total		**125,133**	**58,812**	**162,204**	**0**	**1,000**	**1,500**	**10,350**	**39,801**	**0**	**359,001**
	231	98,870	46,469	128,160	0	10,000	0	7,500 oos	33,149	0	291,000
	251	116,403	54,710	150,887	0	20,000	0	9,000 oos	40,260	0	351,000
	257	57,042	26,810	73,941	390,000	0	0	10,000	0	0	557,793
200 Total		**272,316**	**127,989**	**352,989**	**390,000**	**30,000**	**0**	**26,500**	**73,409**	**0**	**1,199,793**
	320	207,754	97,644	269,300	0	5,000	500	4,000	0	0	584,198
300 Total		**207,754**	**97,644**	**269,300**	**0**	**5,000**	**500**	**4,000**	**0**	**0**	**584,198**
	411	4,338	2,039	5,623	0	0	0	0	1,376	0	12,000
400 Total		**4,338**	**2,039**	**5,623**	**0**	**0**	**0**	**0**	**1,376**	**0**	**12,000**
	502	723	340	937	0	0	0	0	0	0	2,000
	511	18,075	8,495	23,430	0	0	0	0	0	0	50,000
	530	14,460	6,796	18,744	0	0	0	0	0	0	40,000
500 Total		**33,258**	**15,630**	**43,112**	**0**	**0**	**0**	**0**	**0**	**0**	**92,000**
	604	73,020	34,319	94,651	0	2,500	0	1,000 oos	0	0	205,490
	605	106,608	50,106	138,190	48,072	15,000	1,000	8,000	0	0	366,976
	610	31,993	15,037	41,471	0	0	0	1,500 oos	10,323	0	90,000
	621	11,749	5,522	15,229	0	0	0	500 oos	3,786	0	33,000
	622	102,633	48,237	133,037	17,500	5,000	1,000	8,000 oos	35,317	0	315,406
	624	9,815	4,613	12,722	0	0	0	500	3,171	0	27,650
	641	67,239	31,602	87,158	0	1,500	500	1,000 oos	21,678	0	188,999
	642	4,880	2,294	6,326	0	0	0	0	1,548	0	13,500
	680	13,556	6,371	17,572	0	0	0	500	4,359	0	38,000
	684	30,846	14,498	39,984	239,100	1,000	0	500	0	20,768	325,927
600 Total		**452,338**	**212,598**	**586,342**	**304,672**	**25,000**	**2,500**	**21,500**	**80,182**	**20,768**	**1,604,950**
Grand Total		**1,095,138**	**514,713**	**1,419,568**	**694,672**	**61,000**	**4,500**	**62,350**	**194,768**	**20,768**	**3,851,943**
											3,851,942

oos =Out of State Travel

	FY 2019-2020 Amendment No. 1 5/8/2019	FY 2019-2020 Amendment No. 2 10/9/2019	Change
Indirect Expenditures			
Salaries Principal Accountant, Director of Finance & Administration, Exec. & Office Assistant, Executive Director (approx. 75%); Direct Staff Admin,Vacation, Holiday and Sick	$ 664,872	$ 719,829	$ 54,957
Fringe Benefits Social Security, Medicare, Unemployment Ins., Worker's Comp., Retirement, Health Ins., Life Ins., Long-Term Disability for regular positions.	$ 312,490	$ 338,320	$ 25,830
Professional Services Legal retainer ($13,500), audit ($46,700), payroll & HR services ($15,000), GASB 68 ($700), IT services ($26,000), website services ($10,000), GASB 68/75 actuarial services ($8,700)	$ 120,600	$ 120,600	$ -
Lease/Rentals Office space ($72,000), storage ($4,000), copier ($12,000), postage meter ($2,500), other expense ($500)	$ 91,000	$ 91,000	$ -
Communications Website Hosting/Domains ($2,000), Internet/Cable Svcs ($6,000), postage ($4,500), express mailing ($250), telephone ($12,000), other ($50)	$ 24,800	$ 24,800	$ -
Supplies Office supplies ($8,500), copier paper ($2,500), office equipment/furniture ($6,000), IT hardware/software ($25,000), printer cartridges ($700)	$ 42,700	$ 42,700	$ -
Printing Stationary/envelopes/agenda covers ($500), outside printing ($2,850)	$ 3,350	$ 3,350	$ -
Transportation Fuel ($2,000), maintenance ($800), vehicle repairs ($500), other ($15,000)	$ 18,300	$ 18,300	$ -
Other Charges Computer maintenance ($2,500), Insurance ($24,670), workshops/education ($10,000), temp.personnel ($500), recruitment ($1,500), other dues & subscriptions ($12,000), maintenance & utilities ($1,000), other charges ($1,000), depreciation ($7,500)*	$ 60,670	$ 60,670	$ -
Total Expenditures	**$ 1,338,782**	**$ 1,419,568**	**$ 80,787**

* Depreciation expense for equipment and software.

AMBAG FY 2019-2020
General Fund Budget

Dues Assessment - Payment Schedule

	Population	Dues per Population	Full Assessed Valuation in Thousands	Dues per Assessed Valuation	Total Dues	Board Mtg Allowance	Total Member Dues/ Mtg Allowance
Capitola	10,563	$ 1,106	$ 2,498,938,225	$ 1,676	$ 2,782	$ 500	$ 3,282
Carmel	3,750	$ 392	$ 4,308,932,856	$ 2,890	$ 3,282	$ 500	$ 3,782
Del Rey Oaks	1,692	$ 177	$ 306,911,987	$ 206	$ 383	$ 500	$ 883
Gonzales	8,587	$ 899	$ 591,379,935	$ 397	$ 1,296	$ 500	$ 1,796
Greenfield	18,007	$ 1,885	$ 790,243,588	$ 530	$ 2,415	$ 500	$ 2,915
Hollister	36,703	$ 3,842	$ 3,881,883,585	$ 2,603	$ 6,445	$ 500	$ 6,945
King City	14,880	$ 1,557	$ 749,895,248	$ 503	$ 2,060	$ 500	$ 2,560
Marina	22,424	$ 2,347	$ 2,317,051,327	$ 1,554	$ 3,901	$ 500	$ 4,401
Monterey	28,323	$ 2,964	$ 6,149,024,781	$ 4,124	$ 7,088	$ 500	$ 7,588
Pacific Grove	15,660	$ 1,639	$ 3,611,097,427	$ 2,422	$ 4,061	$ -	$ 4,061
Salinas	161,784	$ 16,932	$ 11,364,255,474	$ 7,622	$ 24,554	$ 500	$ 25,054
San Juan Bautista	1,873	$ 196	$ 209,743,733	$ 141	$ 337	$ 500	$ 837
Sand City	394	$ 41	$ 321,378,176	$ 216	$ 257	$ 500	$ 757
Santa Cruz	66,454	$ 6,955	$ 9,799,321,198	$ 6,572	$ 13,527	$ 500	$ 14,027
Scotts Valley	12,195	$ 1,276	$ 2,824,394,932	$ 1,894	$ 3,170	$ 500	$ 3,670
Seaside	34,270	$ 3,587	$ 2,521,110,640	$ 1,691	$ 5,278	$ 500	$ 5,778
Soledad	26,246	$ 2,747	$ 1,045,255,828	$ 701	$ 3,448	$ 500	$ 3,948
Watsonville	53,434	$ 5,593	$ 4,217,056,152	$ 2,828	$ 8,421	$ 500	$ 8,921
County of Monterey	107,264	$ 11,227	$ 33,031,419,958	$ 22,153	$ 33,380	$ 1,000	$ 34,380
County of San Benito	18,512	$ 1,938	$ 4,279,191,331	$ 2,870	$ 4,808	$ 1,000	$ 5,808
County of Santa Cruz	134,218	$ 14,048	$ 26,480,327,972	$ 17,759	$ 31,807	$ 1,000	$ 32,807
Totals	777,233	$ 81,350	$ 121,298,814,353	$ 81,350	$ 162,700	$ 11,500	$ 174,200

Note: As prescribed by Section 9B of the AMBAG By-Laws, dues are allocated one half by population ratio, and one half by assessed valuation ratio. Population figures are those published by the California State Department of Finance in January 2019. Assessed valuations are those reported by County Assessors and Auditor-Controllers for FY 2018-2019. There are ten regular meetings scheduled for FY 2019-2020.

	General Fund: Revenue and Expenditures		
	FY 2019-2020 Amendment No. 1 5/8/2019	FY 2019-2020 Amendment No. 2 10/9/2019	Change
Revenues			
Miscellaneous Income (interest, service fees, other)	$ 83,230	$ 83,230	$ -
Assessments for Meeting Allowances	$ 11,500	$ 11,500	$ -
Member Dues	$ 162,700	$ 162,700	$ -
City of Monterey - Harbormaster	$ 10,000	$ 10,000	$ -
Total Estimated Revenues	**$ 267,430**	**$ 267,430**	**$ -**
Expenditures			
Salaries and Benefits (includes technical assistance work)	$ 20,000	$ 20,000	$ -
Travel	$ 7,000	$ 7,000	$ -
Other Charges	$ 33,350	$ 33,350	$ -
Direct Work Program Contribution/Match	$ 171,500	$ 171,500	$ -
Total Expenditures	**$ 231,850**	**$ 231,850**	**$ -**

Program Information

Travel

(Non-grant related travel expenditures for Board Members, Executive Director, and others):

1. Board Members' Travel

CALCOG Annual, Fall Meetings, & Other Conferences	$ 2,000	$ 2,000	$ -
Sub-Total	**$ 2,000**	**$ 2,000**	**$ -**

(Continued)

General Fund: Revenue and Expenditures (Continued)

	FY 2019-2020 Amendment No. 1 5/8/2019	FY 2019-2020 Amendment No. 2 10/9/2019	Change
Travel (Continued)			
2. Executive Directors' Travel	$ 1,000	$ 1,000	$ -
CALCOG Conferences	$ 1,000	$ 1,000	$ -
Sub-Total	**$ 2,000**	**$ 2,000**	**$ -**
3. Other Travel That Exceeds State Limits (not grant eligible)	**$ 3,000**	**$ 3,000**	**$ -**
Total Travel	**$ 7,000**	**$ 7,000**	**$ -**
Other Charges			
Board Meeting Allowance	$ 11,500	$ 11,500	$ -
Board Meeting Meals & Supplies	$ 7,495	$ 7,495	$ -
Line of Credit Interest/Fees	$ 2,200	$ 2,200	$ -
Miscellaneous Expense (**)	$ 10,155	$ 10,155	$ -
CALCOG Member Dues	$ 2,000	$ 2,000	$ -
Total Other Charges	**$ 33,350**	**$ 33,350**	**$ -**
Direct Work Program Contribution/Match			
WE 101 - Overall Work Program, Budget and Administration	$ -	$ -	$ -
WE 112 - Transportation Plans Coordination and Interagency Liaison	$ 2,000	$ 2,000	$ -
WE 122 - Water-Related Plans Coordination & Liaison	$ 10,000	$ 10,000	$ -
WE 231 - GIS Analysis, Data Collection, Uniformity, Coordination and Access	$ 2,000	$ 2,000	$ -
WE 257 - Central Coast Supra-Regional Activity-Based Model Framework	$ 150,000	$ 150,000	$ -
WE 622 - Metropolitan Transportation Planning	$ 7,500	$ 7,500	$ -
WE 680 - Rail Planning/Corridor Studies	$ -	$ -	$ -
Total Direct Work Program Contribution/Match	**$ 171,500**	**$ 171,500**	**$ -**
Total Expenditures	**$ 231,850**	**$ 231,850**	**$ -**
Transfer to/from Reserves	**$ 35,580**	**$ 35,580**	**$ -**
Total Revenue to Expenditures	**$ -**	**$ -**	**$ -**

: Accounts for printing, nameplates, depreciation, unreimbursed overhead costs and other charges that are unallowable for federal and state reimbursement.

AMBAG FY 2019-2020

October 9, 2019

Salary Schedule

AMBAG Personnel Rules and Regulations, Resolution 1985-22, July 11, 1985, as amended by Resolution No. 1999-6, April 14, 1999, covers the salary system. The system provides for numeric ranges for approved positions. Each numeric salary range consists of thirteen salary steps. Part-time employees who work less than 20 hours a week do not receive vacation and other benefits. In addition, part-time employees receive compensation on an hourly basis.

Resolution 1985-22 provides that the salary ranges and classes of positions shall be adopted annually by resolution at the same time as the budget. It is construed that approval of the annual budget by resolution, and approved amendments thereof, also covers the positions and salary ranges contained in the budget.

Positions	FY 2019-2020 Amendment No. 1 5/8/2019 FTE	FY 2019-2020 Amendment No. 2 10/9/2019 FTE	Monthly Salary Range FY 2019-2020 (full-time equivalents)
Executive Director	1.00	1.00	$15,417
Retired Annuitants ***(1 part-time)***	0.40	0.40	$86.84/hr.
Senior Executive Assistant	1.00	1.00	$4,778 - $6,426
Office Assistant	1.00	1.00	$3,334 - $4,484
Director of Finance & Administration	1.00	1.00	$8,722 - $11,730
Principal Accountant	1.00	1.00	$6,818 - $9,169
Director of Planning	1.00	1.00	$8,722 - $11,730
Senior Planner	1.00	1.00	$7,363 - $9,902
Associate Planner	3.00	2.00	$6,022 - $8,099
Planner	0.00	1.00	$5,323 - $7,159
Director of Modeling	1.00	1.00	$8,722 - $11,730
GIS Coordinator	1.00	1.00	$7,655 - $10,295
Director of Special Projects - Energy Watch	1.00	1.00	$8,722 - $11,730
Assistant Special Projects Manager - Energy Watch	0.00	0.00	$6,348 - $8,537
Special Projects Associate - Energy Watch	1.00	1.00	$5,323 - $7,159
Interns ***(*)***	1.50	2.00	$14.70 - $19.77/hr.
Total	**15.9**	**16.4**	

***Intern positions will be staffed part-time**

Association of Monterey Bay Area Governments
DRAFT SALARY SCHEDULE (Monthly, in Dollars), effective 07/01/19

Position	Date	STEPS 1	2	3	4	5	6	7	8	9	10	11	12	13
Executive Director (Set by AMBAG Board of Directors)	7/1/2019	15,417	15,417	15,417	15,417	15,417	15,417	15,417	15,417	15,417	15,417	15,417	15,417	15,417
Senior Executive Assistant	7/1/2019	4,778	4,897	5,020	5,145	5,274	5,406	5,541	5,680	5,822	5,967	6,116	6,269	6,426
Office Assistant	7/1/2019	3,334	3,417	3,503	3,590	3,680	3,772	3,866	3,963	4,062	4,164	4,268	4,374	4,484
Director of Finance & Administration	7/1/2019	8,722	8,940	9,164	9,393	9,627	9,868	10,115	10,368	10,627	10,893	11,165	11,444	11,730
Principal Accountant	7/1/2019	6,818	6,988	7,163	7,342	7,526	7,714	7,907	8,104	8,307	8,515	8,728	8,946	9,169
Director of Planning	7/1/2019	8,722	8,940	9,164	9,393	9,627	9,868	10,115	10,368	10,627	10,893	11,165	11,444	11,730
Senior Planner	7/1/2019	7,363	7,547	7,736	7,929	8,127	8,331	8,539	8,752	8,971	9,195	9,425	9,661	9,902
Associate Planner	7/1/2019	6,022	6,173	6,327	6,485	6,647	6,813	6,984	7,158	7,337	7,521	7,709	7,901	8,099
Planner	7/1/2019	5,323	5,456	5,592	5,732	5,876	6,022	6,173	6,327	6,486	6,648	6,814	6,984	7,159
Director of Modeling	7/1/2019	8,722	8,940	9,164	9,393	9,627	9,868	10,115	10,368	10,627	10,893	11,165	11,444	11,730
GIS Coordinator	7/1/2019	7,655	7,846	8,043	8,244	8,450	8,661	8,877	9,099	9,327	9,560	9,799	10,044	10,295
Director of Special Projects - Energy Watch	7/1/2019	8,722	8,940	9,164	9,393	9,627	9,868	10,115	10,368	10,627	10,893	11,165	11,444	11,730
Assistant Special Projects Manager - Energy Watch	7/1/2019	6,348	6,507	6,669	6,836	7,007	7,182	7,362	7,546	7,734	7,928	8,126	8,329	8,537
Special Projects Associate - Energy Watch	7/1/2019	5,323	5,456	5,592	5,732	5,876	6,022	6,173	6,327	6,486	6,648	6,814	6,984	7,159
Intern*	7/1/2019	14.70	15.07	15.44	15.83	16.23	16.63	17.05	17.47	17.91	18.36	18.82	19.29	19.77

* Positions in these classifications are paid by the hourly rate.

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