



***DRAFT* Monterey Bay Region Overall Work Program (OWP) & Budget
FY 2020-2021**

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

Proposed Adoption Date: May 13, 2020

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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 2020-2021.

The FY 2020-2021 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 2020-2021 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 2020-2021 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

MBARD: Monterey Bay Air Resources District

MBCP: Monterey Bay Community Power

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

AB 101 REAP: Assembly Bill 101 and Local Government Planning Support Grants 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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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, 2020 to June 30, 2021 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 2020-2021. 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 and air quality planning. 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 for the Monterey Bay Region
- c. The AMBAG Budget contains the proposed budget which shows the use of projected revenues to complete the OWP activities during FY 2020-2021 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.

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 2020-2021, 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 Monterey Bay 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 2020-2021, 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. AMBAG currently includes representatives from all 21 eligible jurisdictions. 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, Santa Cruz Metropolitan Transit District, Monterey Bay Community Power and Monterey Peninsula Airport District sits on the AMBAG Board as an ex-officio member.

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, AMBAG 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 AMBAG's 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 the FAST Act.

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 May 13, 2020 includes:

<u>NAME</u>	<u>TITLE</u>
Maura Twomey	Executive Director
Heather Adamson	Director of Planning
vacant	Special Projects Associate, Energy Watch
Amaury Berteaud	Special Projects Manager, Energy Watch
Gammon Koval	Intern (GIS/Planning)
Miranda Taylor	Planning and Grants Intern
Errol Osteraa	Director of Finance and Administration
Ana Flores	Senior Executive Assistant
Bobbie Grant	Office Assistant

Paul Hierling	Senior Planner
vacant	Associate Planner
Liz Hurtado-Espinosa	Principal Accountant
Bhupendra Patel	Director of Modeling
Gina Schmidt	GIS Coordinator
Aleksandra Tepedelenova	Associate Planner
William Condon	Planner
Lawrence Garber	Intern (Energy Watch)
Pia Park	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 2020-2021 Overall Work Program includes the above statement. A separate joint certification by AMBAG and

Caltrans is forwarded with the Final FY 2020-2021 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, 331, 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, 411, 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, 411, 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, 113, 231, 251, 257, 320, 331, 411, 605, 606, 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, 112, 231, 251, 257, 411, 621, 622, 624, 641, 642, 680 and 684);

7) Promote efficient system management and operation

(WEs 101, 112, 231, 251, 257, 411, 605, 606, 610, 622, 624, 641, 642, 680 and 684);

8) Emphasize the preservation of the existing transportation system

(WEs 101, 231, 251, 257, 411, 605, 606, 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, 605, 606, 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 2020-2021 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 2020-2021 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 2020-2021 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

Project Manager:

Bhupendra Patel

Total Budget: \$

94,000

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES

REVENUE

	Amount (\$)		Amount (\$)
Salaries	33,222	FHWA PL	77,000
Fringe Benefits	15,614	In-Kind - Toll Credits	8,832
Indirect	43,064	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 2020-21 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 2021-22 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 2020-21 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 2021-22 Overall Work Program and Budget.
- Up to four amendments to the FY 2020-21 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 2021-22 Annual Overall Work Program and Budget, amendments to the FY 2020-21 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 2019-20 OWP and Budget; processed three amendments to the FY 2019-20 OWP and Budget; provided Caltrans detailed quarterly progress reports; coordinated Metropolitan Transportation Planning activities and held an 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		\$ 25,000	
1.1	Carry out up to four amendments to the FY 2020-21 OWP and CCAs.	Up to four amendments to FY 2020-21 OWP		Quarterly
1.2	Coordinate, prepare and provide monthly and quarterly FY 2020-21 OWP progress reports to Caltrans.	12 monthly/4 quarterly progress reports		Monthly/ Quarterly
1.3	Present Draft and final FY 2021-22 OWP at AMBAG Board and finalize the FY 2021-22 OWP submission along with necessary certificates and documents to Caltrans/FHWA/FTA for their approval.	Draft and final FY 2021-22 OWP with required certificates/forms		03/10/2021 Draft 5/12/2021 Final
1.4	Closing out the FY 2019-20 OWP	FY 2019-20 OWP closeout report		9/30/2020
2	Planning		\$ 22,000	
2.1	Engage stakeholders and policy makers to identify MPO priorities for FY 2021-22 in conjunction with Federal and State Planning Emphasis Areas/Planning Factors.	Draft list of MPO's OWP priority, projects/activities		11/30/2020
2.2	Consultation with AMBAG Board and Executive/Finance Committee to scope out regional long term priorities that should be reflected in FY 2021-22 OWP.	FY 2021-22 OWP priorities, projects/activities		12/17/2020
2.3	Accommodate an early consultation meeting with Caltrans and FHWA/FTA for FY 2021-22 OWP.	Meeting agenda, resource materials and follow-up actions		1/30/2021
3	Data Gathering and Analysis		\$ 40,000	
3.1	Prepare draft and final FY 2021-22 OWP in consultation with partner agencies and incorporating federal and state emphasis areas in relation to Board established priorities.	Draft and final FY 2021-22 OWP document		3/1/2021 Draft 5/13/2021 Final

3.2	Take draft and final FY 2021-22 OWP for Board review/approval. Also prepare necessary submission forms, certificates and documents to Caltrans/FHWA/FTA.	Draft and final FY 2021-22 OWP document, Board materials and other forms	3/10/2021 Draft 5/12/2021 Final
3.3	Research and participate in legislative webinars and seminars.	Meetings/Webinars/Handouts	6/30/2021
4	Coordination		\$ 5,000
4.1	Coordinate FY 2021-22 OWP with partner agencies.	Meeting agenda, handouts, notes and action items	6/30/2021
5	Public Participation		\$ 2,000
5.1	Web hosting of FY 2021-22 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 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 112

Transportation Plans Coordination and Interagency Liaison

Project Manager:

Heather Adamson

Total Budget: \$

224,000

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES	Amount (\$)	REVENUE	Amount (\$)
Salaries	77,542	FHWA PL	180,000
Fringe Benefits	36,445	In-Kind - Toll Credits	20,646
Indirect	100,513	FTA 5303	42,000
Professional Services*	-	In-Kind - Toll Credits	4,817
Supplies	-	FHWA PL c/o	-
Printing	-	In-Kind - Toll Credits	-
Travel**	9,500	FTA 5303 c/o	-
Toll Credits	25,463	In-Kind - Toll Credits	-
In-Kind/Non-Federal Local Match	-	AMBAG GF	2,000
TOTAL	224,000	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 metropolitan transportation plan (MTP) 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 project progress report and identify necessary action.	Updated project timeline and scope of work.		Monthly/ Quarterly
1.2	Develop project scope of work, tasks and products for FY 2021-22 that is consistent with Metropolitan transportation planning requirements.	Project Scope of work, tasks and deliverables for FY 2021-22		4/16/2021
2	Planning		\$ 40,000	
2.1	Attend local, state and regional agency meetings/workshops/seminars pertaining to transportation planning, MTP, MTIP, 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		6/30/2021
3	Data Gathering and Analysis		\$ 38,000	
3.1	Follow transportation legislation activities (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		6/30/2021
3.2	Participate in seminar/conference/meetings pertaining to implementation of FAST Act. 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		6/30/2021
3.3	Participate in the coordination and implementation of the FAST Act and any legislative updates related to metropolitan transportation planning.	Attending conference, meetings, webinar and presentations for the TACs and MPO Board		6/30/2021

4	Coordination	\$ 140,000	
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	Provide update to AMBAG Board on various legislative/transportation planning related activities	Presentation/reports at AMBAG Board Meeting	Monthly
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

Project Manager:

Will Condon

Total Budget: \$ 38,998

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES	Amount (\$)	REVENUE	Amount (\$)
Salaries	13,646	FHWA PL	31,498
Fringe Benefits	6,414	In-Kind - Toll Credits	3,613
Indirect	17,689	FTA 5303	7,500
Professional Services*	-	In-Kind - Toll Credits	860
Supplies	-	FHWA PL c/o	-
Printing	1,000	In-Kind - Toll Credits	-
Travel	250	FTA 5303 c/o	-
Toll Credits	4,473	In-Kind - Toll Credits	-
In-Kind/Non-Federal Local Match	-		
TOTAL	38,998	TOTAL	38,998
		% Federal	88.53

**Contracts are as follows:*

None

Project Description

This work element is to maintain the Public Participation Plan (PPP) and update 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. PPP is used to increase the accessibility and mobility of people and for freight as well which help achieving economic prosperity through strategic investments that increase accessibility and mobility of people, goods movement, freight, while equitably building healthy communities.

Project Products

- Maintain the 2019 PPP (as needed).
- Begin update of the draft 2021 Title VI Plan 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 October 2019, as well as the latest 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

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 7,000	
1.1	Oversee process to maintain the 2019 PPP to reflect changes to public participation requirements.	Maintain 2019 PPP (as needed)		Ongoing
1.2	Include Title VI policy in upcoming contracts, RFPs and other related documents.	Title VI Policies		Ongoing
1.3	Develop scope of work and funding requirements for FY 2021-22.	Scope of work for FY2021-22		4/16/2021
2	Planning		\$ 14,998	
2.1	Review new state/federal legislation 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		3/31/2021
2.2	Begin updates for the draft 2021 Title VI Plan.	Draft 2021 Title VI Plan		6/31/2021

3	Data Gathering and Analysis		\$ 8,000
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 2021 Title VI updates and 2019 PPP update.	Updated LEP Maps and data sets	6/30/2021
4	Coordination		\$ 6,000
4.1	Hold meetings with partner agencies to discuss the development and potential modifications and updates 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	6/30/2021

Federal Planning Factors (PF)

Project addresses the following Planning Factors:

PF NAME

Achieve economic prosperity through strategic investments that increase the accessibility and mobility of people, goods movement, freight, while equitably building healthy communities.

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

Project Manager:

Maura Twomey

Total Budget: \$

10,000

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES	Amount (\$)	REVENUE	Amount (\$)
Salaries	3,615	Local **	10,000
Fringe Benefits	1,699		
Indirect	4,686		
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

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 10,000	
1.1	Attend various water resource related meetings within the region.	Meeting agenda, handouts, notes		6/30/2021
1.2	Bring pertinent information to the AMBAG Board for consideration.	Board memos or verbal communication		6/30/2021
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

Project Manager:

Bhupendra Patel & Gina Schmidt

Total Budget: \$

296,000

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES	Amount (\$)	REVENUE	Amount (\$)
Salaries	100,678	FHWA PL	155,000
Fringe Benefits	47,319	In-Kind - Toll Credits	17,779
Indirect	130,503	FTA 5303	59,000
Professional Services*	-	In-Kind - Toll Credits	6,767
Supplies	10,000	FHWA PL c/o	-
Printing	-	In-Kind - Toll Credits	-
Travel**	7,500	FTA 5303 c/o	80,000
Toll Credits	33,722	In-Kind - Toll Credits	9,176
In-Kind/Non-Federal Local Match	-	AMBAG General Fund	2,000
TOTAL	296,000	TOTAL	296,000
		% Federal	87.93

**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 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, MTIP 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 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.

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 2019-2020. 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 ACS 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

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 11,000	
1.1	Monitor and provide support for HPMS Program.	Reports and HPMS delivery to Caltrans		6/30/2021
1.2	Administer Central Coast Joint Data Committee (CCJDC) GIS data sharing activities, GIS trainings, and GIS Day.	Quarterly meeting, agenda, and meeting notes posted to website		Quarterly
1.3	Track project activities and develop FY 2021-22 scope of work, tasks, deliverables and budget consistent with Federal planning factors.	FY2021-22 Scope of work, tasks, deliverables and budget		4/30/2021
1.4	Provide monthly project progress report and attend/prepare for meetings.	Project progress report		Monthly

2	Planning		\$ 102,000
2.1	Participate in trainings/webinars, skill development, and capacity building activities for data analysis and GIS mapping.	Attend webinars, seminars, and conferences	6/30/2021
2.2	Provide GIS support, training, and mapping, for MPO, RTPA, other agencies and general public.	Presentations, posters, hand out materials	6/30/2021
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	6/30/2021
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	6/30/2021
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	6/30/2021
3.3	Obtain most recent ACS, California Employment Development Department, California Department of Finance Data, Census 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	6/30/2021
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	6/30/2021

Overall Work Program

FY 2020-2021

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	6/30/2021
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	6/30/2021
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	6/30/2021
3.11	Collect and update GIS and transportation network.	Updated transportation, land use, TAZ and network	6/30/2021
3.12	Finalize maps, data and analysis for MTP/SCS and inputs.	GIS maps, shapefiles, graphs, charts and network files	6/30/2021
3.13	Develop draft land use model for use in RTDM/ABM/MTP.	GIS based land use model	6/30/2021

4	Coordination	\$ 18,000	
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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	6/30/2021
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	6/30/2021
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	11/30/2020
4.4	Coordinate the efforts related to the Wildlife Connectivity Tool.	Communication with the project manager	6/30/2021
4.5	Work with jurisdictions and partner agencies on data coordination for supporting MPO activities.	Reports, meeting participation, data files and maps	6/30/2021

4.6	Coordinate Census geography updates with regional transportation planning agencies and jurisdictions.	Communication with US Census Bureau and updated GIS files	6/30/2021
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5	Public Participation	\$ 10,000	
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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
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5.2	Provide land use development components used in MTP/SCS as needed.	GIS online tool UrbanFootprint updates	Bi-monthly
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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	6/30/2021
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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
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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)

Project Manager:

Bhupendra Patel

Total Budget: \$

455,647

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES

REVENUE

	Amount (\$)		Amount (\$)
Salaries	139,773	FHWA PL	275,418
Fringe Benefits	65,693	In-Kind - Toll Credits	31,590
Indirect	181,180	FTA 5303	80,229
Professional Services*	40,000	In-Kind - Toll Credits	9,202
Supplies	20,000	FHWA PL c/o	100,000
Printing	-	In-Kind - Toll Credits	11,470
Travel**	9,000		
Toll Credits	52,262		-
In-Kind/Non-Federal Local Match	-		-
TOTAL	455,647	TOTAL	455,647
		% Federal	88.53

**Contracts as follows:*

(1) TBD 40,000 On-call technical support services for AMBAG's RTDM with a 5 year term and total contract amount of \$350,000.

***May include out of state travel.*

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 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 2018 AMBAG RTDM (2015-2020-2035-2040 model years), MUA agreements, and technical guidance to regional agencies, state and transportation stakeholders.

Ongoing support of the 2040 MTP/SCS with model years of 2015-2020-2035-2040.

Participation in peer review/modeling related committees, workshops and seminars.

Update the travel model input datasets for 2020, 2035, 2045 MTP/SCS (trend line analysis from 2022 RGF).

Data collection for truck model component.

Model data for Performance Measures framework for AMBAG MPO area.

Implement/beta test new AMBAG RTDM, which is an activity-based model (2015-2020-2035-2045 model years).

Application of the new RTDM, for use and support of the 2045 MTP/SCS with model years of 2015-2020-2035-2045.

Presentations at Technical Advisory Committee meetings for the new AMBAG ABM (2015-2020-2035-2045 model years).

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.

Implementation and use of new RTDM, activity-based model (ABM) for AMBAG region.

Previous Accomplishments

AMBAG developed an entirely new draft RTDM, which is an activity-based model with model base year of 2015. Conducted national level Peer Review on May 14-15, 2020 to receive professional feedback and validation. AMBAG continued maintain and support of the 2018 RTDM, 4-Step Model. Staff updated Model Screenline traffic count data, conducted QA/QC of TAZ data and comparing with 2011-2015 ACS data, which are key inputs for ABM. The 2018 RTDM was used to develop and support the 2040 MTP/SCS with associated SB 375 mandates. 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. AMBAG collected various datasets for base year 2015, updated 2015 transportation networks and land use data as part of the 2040 MTP/SCS and also used within the 2018 RTDM. Completed development of multiple scenarios (model network and land used layers) for 2040 MTP/SCS update. AMBAG staff participated in various webinar/workshop pertaining to ABM development and its application. Staff participated in the Peer Review process for Maricopa County Association of Governments (MAG) and Southern California Association of Governments (SCAG). Provided model update at Regional ITAC meetings.

Tasks & Deliverables

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 15,000	
1.1	Continue to provide access to the AMBAG RTDM for interested parties after executing the Model Use Agreement (MUA).	Signed Model Use Agreements		6/30/2021
1.2	Administration of RTDM project activities.	Attend Monthly meetings, progress report and invoices		Monthly
1.3	Track project activities and develop FY 2021-22 scope of work for the Regional Travel Demand Model	Scope of work for FY2021-22		1/31/2021 Draft

Overall Work Program

FY 2020-2021

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
1.5	Develop and solicit Request for Proposals (RFP) for an On-Call Technical Support Services contract for AMBAG's RTDM.	RFP release	8/1/2020
1.6	Consultant selection for On-Call Technical Support Services contract	Executed contract	11/1/2020
1.7	Administration of On-Call Technical Support Services contract	Calls, meetings, and invoices (as needed)	6/30/2021

2	Planning		\$ 184,647
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2.1	Integrate disaggregated population, employment and housing data into TAZ layer for modeling MTP/SCS scenarios for 2015 2020, 2035, 2045 (with consultant assistance).	TAZ layers and population synthesis data layers for 2020, 2035, 2045	6/30/2021
2.2	Prepare framework for land use scenarios for 2020, 2035, and 2045 forecast years for AMBAG's 2045 MTP/SCS.	Prepare draft input land use layers at TAZ or parcel level	6/30/2021
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	6/30/2021
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	6/30/2021

3	Data Gathering and Analysis		\$ 229,000
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3.1	Conduct trend line analysis for model inputs and outputs for the 2045 SCS/MTP model update (2020, 2035 and 2045 modeling years).	Model input layers including but not limited to TAZ, roadway, transit, traffic counts, population, employment, and updated projects completed within the base year horizon	12/31/2020
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3.2	Analyze trend line truck and freight data to strengthen the truck modeling capabilities of the RTDM (with consultant assistance).	Updated truck and freight dataset	6/30/2021
3.3	Validate data with existing ground truck information sources including but not limited to traffic counts, freight flows, population and employment counts.	Validated and integrated model data set	6/30/2021
3.4	Implement and apply use of new RTDM, activity-based model for 2045 MTP/SCS.	Technical memorandum and database model prototypes, etc.	6/30/2021
3.5	Conduct data collection and performance analysis for National Performance Management.	Performance measures about Bridge and Pavement and System Performance	6/30/2021

4	Coordination		\$ 15,000
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4.1	Coordinate Model Technical Advisory Committee meetings.	Meeting agenda, handouts, notes and action items	Quarterly
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 be included in the RTDM.	Updated network and TAZ layers for Base year and future years	6/30/2021

5	Public Participation		\$ 12,000
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5.1	Participate and/or help organize the Central Coast Model Users Group meeting.	Meeting agenda, handouts, notes and action items	Annually
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	6/30/2021
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	6/30/2021

5.4	Provide access and/or technical assistance to the public and stakeholders pertaining to model data and its applications.	Technical assistance, maps table or reports	6/30/2021
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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

Project Manager:

Bhupendra Patel

Total Budget: \$

200,200

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES

REVENUE

	Amount (\$)		Amount (\$)
Salaries			
Fringe Benefits	-	Local Fund	200,200
Indirect	-	SLOCOG	-
Professional Services*	195,000	SBCAG	-
Supplies	5,200	FHWA PL c/o	-
Printing	-	In-Kind - Toll Credits	-
Travel		FTA 5303 c/o	-
Toll Credits	-	In-Kind - Toll Credits	-
In-Kind/Non-Federal Local Match	-	MBARD	
TOTAL	200,200	TOTAL	200,200
		% Federal	0.00%

*Contracts are as follows:

(1) Caliper Corporation 195,000 Technical services for the development of an Activity-Based Model (ABM) Framework for the Central Coast Supra-Region (AMBAG, SLOCOG and SBCAG). Multi-year contact, total contract amount is \$899,680

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
- Implementation of peer review panel recommendations and finalize draft CCSABM Model Framework, which may include further calibration, validation, sensitivity analysis, and updated reports
- Integrated fully functional ABM model for each MPO (AMBAG, SLOCOG and SBCAG; hands-on training for CCMDC at D5 and at each MPO individually)
- Final model technical report for each MPO's model
- Selected performance reports by county and at individual MPO's model level
- Training materials and model user guide for each MPO's model

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. Peer review conducted in FY 19-20 on the CCSABM with peer review panel report and recommendations. Draft CCSABM fully functional ABM.

Tasks & Deliverables

Task	Description	Deliverables	Budget	Completion Date
1	Administrative		\$ 5,000	
1.1	Project administration.	Invoices and quarterly progress reports.		6/30/2021
1.2	Monthly/Quarterly meeting, reporting and invoicing.	Agendas, meeting materials, and meeting notes.		6/30/2021
1.3	Work with SBCAG, SLOCOG and Caltrans to develop each MPO's individual ABM (with technical assistance from consultant).	Activity-Based Model related progress report and meetings		6/30/2021

3	Data Gathering and Analysis	\$ 183,200
3.1	Implement peer review recommendations and finalize draft CCSABM which may include calibration, validation, sensitivity analysis, and updated reports.	Finalized draft Central Coast Supra-Regional Activity-Based Model and technical documentation. 12/31/2020
3.2	Finalize calibrated and validated three MPO's ABM (AMBAG, SLOCOG, SBCAG)	Three fully calibrated and validated ABM for each MPO. 6/30/2021
4	Coordination	\$ 12,000
4.1	Hold monthly progress meetings and train MPO and Caltrans staff on use of modeling products.	Monthly meeting minutes, progress report, and quarterly reports. Monthly
4.2	Provide training CCSMD team from each MPO and Caltrans staff on use of CCSABM at District 5 office; and also, train each individual MPO on individual model at MPO offices.	Training hosted at District 5 office for CCSABM model, additional 3 training sessions at each MPO for individual models, training materials, and model user guide. 6/30/2021
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)

Project Manager:

Amaury Berteaud

Total Budget: \$

40,000

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES

REVENUE

	Amount (\$)		Amount (\$)
Salaries	14,460	PG&E LGP 2020	40,000
Fringe Benefits	6,796		
Indirect	18,744		
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

AMBAG Energy Watch is a program that provides energy efficiency and climate action planning to municipal governments and school districts. 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: technical support in energy benchmarking, proposition 39 technical support, greenhouse gas inventories, and education and training for the region in areas related to energy efficiency and climate action planning.

Project Products

Energy efficiency support throughout the region for the local government sector as well as disadvantaged and hard to reach customers 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, 2010, and 2015 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

<i>Step</i>	<i>Description</i>	<i>Completion Date</i>
1	Proposition 39 technical support for school districts	8/31/2020
2	Community-wide Greenhouse Gas (GHG) Inventories and updates	8/31/2020

<i>Task</i>	<i>Description</i>	<i>Completion Date</i>
1	Work with school districts to complete the proposition 39 FY 2019/2020 annual reports.	8/31/2020
2	Complete the Del Rey Oaks and King City 2018 Community-wide GHG inventories	8/31/2020

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.
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 331

AMBAG Community-wide Greenhouse Gas Inventory for Local Jurisdictions Program

Project Manager:

Amaury Berteaud

Total Budget: \$

61,300

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES

REVENUE

	Amount (\$)		Amount (\$)
Salaries	21,979	MB Community Power	54,000
Fringe Benefits	10,330	San Luis Obispo ACPD	6,000
Indirect	28,491	Santa Barbara County	1,300
Professional Services*	-		
Supplies	200		
Printing	200		
Travel	100		
Toll Credits	-		
In-Kind/Non-Federal Local Match	-		
TOTAL	61,300	TOTAL	61,300
		% Federal	0%

**Contracts are as follows:*

None

Project Description

- a) AMBAG will complete annual Community-wide GHG Inventories for the jurisdictions in the Monterey Bay Community Power service territory which will includes 20 AMBAG jurisdictions, 6 San Luis Obispo jurisdictions, and 6 Santa Barbara jurisdictions for a total of 32 Community-wide GHG inventories
- b) AMBAG will complete two annual Community-wide GHG Inventories for Atascadero and San Luis Obispo County.
- c) AMBAG will provide technical expertise to assist in the completion of annual Community-wide GHG Inventories for the following Santa Barbara Jurisdictions: Buelton, Lompoc and Santa Barbara.

Project Products

Greenhouse gas inventory support for AMBAG's jurisdictions and other central coast jurisdictions.

Federally Eligible Tasks

This is a non-federal work element.

Previous Accomplishments

AMBAG has been the leader in the AMBAG Region for the preparation of Community-wide GHG Inventories. Staff has prepared 84 Community-wide GHG Inventories for the 21 AMBAG jurisdictions covering the time period from the 2005 baseline inventories through the 2015 inventories.

Tasks & Deliverables

<i>Step</i>	<i>Description</i>	<i>Completion Date</i>
1	Review the previous GHG inventories for each jurisdictions and identify the methodologies and data sources used.	Ongoing
2	Gather the necessary data to complete the 2019 Community wide GHG Inventories for each of the Jurisdictions	Ongoing
3	Calculate the 2019 GHG emissions of each jurisdictions	Ongoing
4	Process the results of the inventory to create the appropriate summary tables and graphics	Ongoing
5	Present the results of the 2019 Community GHG inventory to each jurisdiction	Ongoing
6	Regional coordination of California Home Energy Renovation Opportunity (HERO) Program under Memorandum of Understanding (MOU) with Western Riverside Council of Governments (WRCOG).	Ongoing

<i>Task</i>	<i>Description</i>	<i>Completion Date</i>
1	Review the previous GHG inventories for each jurisdiction.	Ongoing
2	Gather electricity, natural gas, transportation, solid waste, and wastewater data for each jurisdiction.	Ongoing
3	Enter all data into the online GHG modeling tool suite to calculate the 2019 GHG emissions of each jurisdiction.	Ongoing
4	Create tables and graphics representing the results for the Community wide GHG Inventory of each jurisdiction.	Ongoing
5	Present the result of the Community wide GHG Inventories to each jurisdiction and assist staff in using the inventories as part of their climate action planning activities.	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 343

Regional Early Action Planning - AMBAG Fiscal Agent Administration

Project Manager:

Heather Adamson

Total Budget: \$

237,939

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES	Amount (\$)	REVENUE	Amount (\$)
Salaries	84,750	AB 101 REAP Funding	237,939
Fringe Benefits	39,832		
Indirect	109,857		
Professional Services*	-		
Supplies	2,500		
Printing	-		
Travel**	1,000		
Toll Credits	-		
In-Kind/Non-Federal Local Match	-		
TOTAL	237,939	TOTAL	237,939
		% Federal	0.00%

***May include out of state travel.*

Project Description

In September 2019, the adopted FY 2019-20 California Budget (AB 74) and associated housing trailer bill (AB 101) established the Local Government Planning Support Grants Program, including the Regional Early Action Program (REAP) and directed the California Central Coast to create a multiagency working group to oversee implementation of this program. AMBAG, Council of San Benito County Governments (SBtCOG), San Luis Obispo County of Governments (SLOCOG) and Santa Barbara County Association of Governments (SBCAG) have coordinated to establish the Central Coast Housing Working Group (CCHWG). AMBAG was selected as the fiscal agent for the REAP funding in the Central Coast. The CCHWG intends to use the grant funds to develop a program that will enable the Central Coast Council of Governments (COGs to develop a methodology for the 6th Cycle of the Regional Housing Needs Assessment (RHNA) and/or assist local jurisdictions in meeting their RHNA goals. This work element will develop the framework for allocating the funding equitably to all the Central Coast COGs and jurisdictions and meet the specific objectives outlined in the legislation which include:

- Developing an education and outreach strategy
- Identifying current best practices for promoting affordable housing
- Improving the RHNA methodology used by COGs
- Pass through funding for jurisdictions

The program framework will be developed by the CCHWG and accepted by the California Department of Housing and Community Development (HCD).

Project Products

- Fiscal administration of the grant program
- Pass through housing planning funding to Central Coast COGs and local jurisdictions
- Education and housing strategy
- Best practices report and other regional housing planning efforts

Federally Eligible Tasks

This is a non federal work element.

Previous Accomplishments

This is a new work element.

Tasks & Deliverables

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 127,939	

Overall Work Program

FY 2020-2021

1.1	As fiscal agent, implement the housing grant planning program including: track and update the project schedule monthly and prepare monthly as well as quarterly progress reports and submit to HCD for necessary action.	Updated project timeline and scope of work. Monthly and quarterly progress report to HCD	Monthly/ Quarterly
1.2	In consultation with local and regional partners, develop FY 2021-22 scope of work.	Scope of work	4/16/2022

2	Planning	\$ 50,000
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2.1	Attend local, state and regional agency meetings/workshops/seminars pertaining to land use and housing 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 and establish a housing grant program in coordination with the CCHWG and pass through funding to the COGs and local jurisdictions.	Grant program framework, education and outreach strategy	6/30/2021

3	Data Gathering and Analysis	\$ 10,000
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3.1	Collect and compile data and data analysis.	Data, spreadsheets, tables, GIS layers, etc.	6/30/2021
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4	Coordination	\$ 25,000
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4.1	Coordinate with local, regional agencies and stakeholders to pass through REAP funding to Central Coast COGs and local jurisdiction, identifying responsible agencies and coordination for data support and if needed, MOU/agreements.	Reports and MOUs	6/30/2021
4.2	Attend state, regional and local agency meetings (including MPO/State Agency Planning Agencies, HCD, to exchange information on land use and housing planning activities in order to enhance coordination among housing strategies, plans, programs and regulations.	Meeting agenda review, presentations and follow-up to the action items	Monthly

5	Public Participation	\$ 25,000
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Overall Work Program

FY 2020-2021

5.1	CCHWG 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)

This is a non federal work element.

WORK ELEMENT NUMBER 344

Regional Early Action Planning Housing Program

Project Manager: Heather Adamson

Total Budget: \$ 7,693,372

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES	Amount (\$)	REVENUE	Amount (\$)
Salaries	125,262	AB 101 REAP Funding	7,693,372
Fringe Benefits	58,873		
Indirect	162,371		
Professional Services*	7,341,866		
Supplies	1,000		
Printing	1,000		
Travel**	3,000		
Toll Credits	-		
In-Kind/Non-Federal Local Match	-		
TOTAL	7,693,372	TOTAL	7,693,372
		% Federal	0.00%

**Contracts are as follows:*

AMBAG Local Jurisdictions	3,300,000	Pass through to local jurisdictions in Monterey & Santa Cruz Counties
SBtCOG & Local Jurisdictions	315,813	Pass through to SBtCOG & its local jurisdictions
SLOCOG & Local Jurisdictions	1,421,468	Pass through to SLOCOG & its local jurisdictions
SBCAG & Local Jurisdictions	2,304,585	Pass through to SBCAG & its local jurisdictions

***May include out of state travel.*

Project Description

In September 2019, the adopted FY 2019-20 California Budget (AB 74) and associated housing trailer bill (AB 101) established the Local Government Planning Support Grants Program, including the Regional Early Action Program (REAP) and directed the California Central Coast to create a multiagency working group to oversee implementation of this program. AMBAG, Council of San Benito County Governments (SBtCOG), San Luis Obispo County of Governments (SLOCOG) and Santa Barbara County Association of Governments (SBCAG) have coordinated to establish the Central Coast Housing Working Group (CCHWG). AMBAG was selected as the fiscal agent for the REAP funding in the Central Coast. The CCHWG intends to use the grant funds to develop a program that will enable the Central Coast Council of Governments (COGs to develop a methodology for the 6th Cycle of the Regional Housing Needs Assessment (RHNA) and/or assist local jurisdictions in meeting their RHNA goals. This work element will develop the framework for allocating the funding equitably to all the Central Coast COGs and jurisdictions and meet the specific objectives outlined in the legislation which include:

- Developing an education and outreach strategy
- Identifying current best practices for promoting affordable housing
- Improving the RHNA methodology used by COGs
- Pass through funding for jurisdictions

The program framework will be developed by the CCHWG and accepted by the California Department of Housing and Community Development (HCD).

Project Products

- Housing planning data analysis
- Develop 6th Cycle RHNA Methodology and Plans
- Pass through housing planning funding to Central Coast COGs and local jurisdictions
- Education and housing strategy
- Best practices report and other regional housing planning efforts

Federally Eligible Tasks

This is a non federal work element.

Previous Accomplishments

This is a new work element.

Tasks & Deliverables

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 30,000	

Overall Work Program

FY 2020-2021

1.1	Track and update the project schedule monthly and prepare monthly as well as quarterly progress reports and submit to HCD for necessary action.	Updated project timeline and scope of work. Monthly and quarterly progress report to HCD	Monthly/ Quarterly
1.2	In consultation with local and regional partners, develop FY 2021-22 scope of work.	Scope of work	4/16/2022
2	Planning	\$ 7,450,000	
2.1	Attend local, state and regional agency meetings/workshops/seminars pertaining to land use and housing 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.	6/30/2021
3	Data Gathering and Analysis	\$ 135,000	
3.1	Collect and compile data and data analysis.	Data, spreadsheets, tables, GIS layers, etc.	6/30/2021
3.2	Refine housing projections and develop/evaluate potential alternative allocation methodologies.	Data, spreadsheets, technical documentation and graphic materials	6/30/2021
4	Coordination	\$ 38,372	
4.1	Attend state, regional and local agency meetings (including MPO/State Agency Planning Agencies, HCD, to exchange information on land use and housing planning activities in order to enhance coordination among housing strategies, plans, programs and regulations.	Meeting agenda review, presentations and follow-up to the action items	Monthly
5	Public Participation	\$ 40,000	
5.1	CCHWG 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)

This is a non federal work element.

WORK ELEMENT NUMBER 411

Clearinghouse

Project Manager:

Will Condon

Total Budget: \$ 12,000

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES		REVENUE	
	Amount (\$)		Amount (\$)
Salaries	4,338	FHWA PL	10,000
Fringe Benefits	2,039	In-Kind - Toll Credits	1,147
Indirect	5,623	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

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
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.

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.

WORK ELEMENT NUMBER 502

Regional Analysis & Planning Services, Inc. Administration

Project Manager:

Maura Twomey & Errol Osteraa

Total Budget: \$

2,000

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

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

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 2,000	
1.1	Prepare RAPS Board meeting agendas, reports and other meeting materials.	Meeting agenda, handouts, notes and action items		6/30/2021
1.2	Bring pertinent information to the AMBAG Board for consideration.	Board memos or verbal communication		6/30/2021
1.3	Prepare financial statements and audits for RAPS.	Financials and audit reports		6/30/2021
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

Project Manager:

Maura Twomey

Total Budget: \$

50,000

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES	Amount (\$)	REVENUE	Amount (\$)
Salaries	18,075	RAPS	50,000
Fringe Benefits	8,495		
Indirect	23,430		
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 Sacramento Area Council of Governments (SACOG).

Tasks & Deliverables

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 48,500	
1.1	Report activities to RAPS Board of Directors.	Meetings, memos and presentations		6/30/2021
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		6/30/2021
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

Project Manager:

Ana Flores & Maura Twomey

Total Budget: \$

40,000

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES

REVENUE

	Amount (\$)		Amount (\$)
Salaries	14,460	RAPS	40,000
Fringe Benefits	6,796		
Indirect	18,744		
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

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 40,000	
1.1	Prepare Pajaro Board meeting agendas, reports and other meeting materials.	Meeting agenda, handouts, notes and action items		6/30/2021

1.2	Bring pertinent information to the AMBAG Board for consideration.	Board memos or verbal communication	6/30/2021
1.3	Prepare financial statements and audits.	Financials and audit reports	6/30/2021
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.

Project Products

- Develop SB 1 MTP/SCS planning implementation framework.
- Develop Draft Subregional 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

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 5,000	
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

2	Planning		\$ 45,000	
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
3	Data Gathering and Analysis		\$ 25,456	
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.		12/31/2020
3.2	Develop regional growth projections, including data collection, analysis and visualization.	Data, technical documentation and graphic materials		10/31/2020
3.3	Develop GIS database, maps, graphs and charts for the SCS and local jurisdictions.	GIS database, maps, graphs and charts		12/31/2020
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		12/31/2020

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
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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 606

Sustainable Communities Planning (FY 2020-2021)

Project Manager: Heather Adamson

Total Budget: \$ 356,418

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES	Amount (\$)	REVENUE	Amount (\$)
Salaries	110,770	SB1 Formula & Competitive Grants (FY 2020-2021)	315,537
Fringe Benefits	52,062	FHWA PL	40,881
Indirect	143,586		
Professional Services*	15,000		
Supplies	25,000		
Printing	1,000		
Travel**	9,000		
Toll Credits	-		
In-Kind/Non-Federal Local Match	-		
TOTAL	356,418	TOTAL	356,418
		% Federal	11.47%

**Contracts are as follows:*

To be Determined 15,000

***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, developing a regional climate action framework and GHG tool.

Project Products

- Develop Final Regional Growth Forecast.
- Develop approach/framework for evaluating GHG in SCS land uses.
- Develop regional climate action framework and tool.
- Develop preliminary draft 2020/2045 land use and opportunity area maps.

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

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
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 2021-22 scope of work for the Sustainable Communities Planning.	Scope of work		4/16/2021

2	Planning		\$ 164,418
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	Update SCS land use scenarios for the 2045 Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) including the Opportunity Areas.	Data collection, mapping and land use scenarios	6/30/2021
2.3	Develop framework/approach for evaluating greenhouse gas emissions from various land uses for the SCS scenarios.	Data collection and technical documentation	6/30/2021
2.4	Develop Regional Climate Action and Adaptation Framework and tool.	Data collection, technical documentation and tool.	6/30/2021
3	Data Gathering and Analysis		\$ 100,000
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.	6/30/2021
3.2	Develop subregional growth projections, including data collection, analysis and visualization.	Data, technical documentation and graphic materials	6/30/2021
3.3	Update GIS database, maps, graphs and charts for the SCS and local jurisdictions.	GIS database, maps, graphs and charts	6/30/2021
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)

Project Manager:

Paul Hierling

Total Budget: \$

45,000

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES

REVENUE

	Amount (\$)		Amount (\$)
Salaries	15,725	FHWA PL	36,500
Fringe Benefits	7,391	In-Kind - Toll Credits	4,187
Indirect	20,384	FTA 5303	8,500
Professional Services*	-	In-Kind - Toll Credits	975
Supplies	-	FHWA PL c/o	-
Printing	-	In-Kind - Toll Credits	-
Travel**	1,500	FTA 5303 c/o	-
Toll Credits	5,162	In-Kind - Toll Credits	-
In-Kind/Non-Federal Local Match	-	AMBAG General Fund	-
TOTAL	45,000	TOTAL	45,000
		% 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) and transit system planning. Implementing the TPM framework will improve infrastructure planning, performance measure tracking and evidence based transportation system analysis. The TPM framework will also support Regional Models of Cooperation.

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. Reviewed statewide TPMs with RTPA partners and adopted statewide TPM goals.

Tasks & Deliverables

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 3,000	
1.1	Monitor, report and provide support for development of TPM measures.	Compile information and State and Federal reporting		6/30/2021
1.2	Development of Transportation Performance Management (TPM) project tasks, deliverables and budget for FY 2021-22.	Tasks, deliverables and budget		4/16/2021
2	Planning		\$ 9,000	

2.1	Research federal and state requirements for TPM data needs. Analysis of performance measures and targets. Providing reports and feedback to state as needed.	Analysis, reporting and correspondence pertaining to TPMs	4/30/2021
2.2	Implement the state and regional TPM framework in cooperation with federal, state and local partners.	Adopted TPM agreements and related correspondence, memos and forms	6/30/2021
3	Data Gathering and Analysis	\$ 23,000	
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.	5/29/2021
4	Coordination	\$ 9,000	
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.	Reports, data and MOUs for data agreements	6/30/2021
4.2	Attend and participate in meetings, webinars and working groups.	Agendas, handouts and follow-up actions	5/29/2021
5	Public Participation	\$ 1,000	
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

Project Manager: Will Condon

Total Budget: \$ **40,000**

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES	Amount (\$)	REVENUE	Amount (\$)
Salaries	13,737	FHWA PL	30,000
Fringe Benefits	6,456	In-Kind - Toll Credits	3,441
Indirect	17,807	FTA 5303	10,000
Professional Services*	-	In-Kind - Toll Credits	1,147
Supplies	500	FHWA PL c/o	-
Printing	500	In-Kind - Toll Credits	-
Travel**	1,000	FTA 5303 c/o	-
Toll Credits	4,588	In-Kind - Toll Credits	-
In-Kind/Non-Federal Local Match	-		
TOTAL	40,000	TOTAL	40,000
		% 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

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 4,500	
1.1	Meetings, emails, and phone calls with project partners and stakeholders.	Correspondence and meeting minutes		6/30/2021
1.2	Develop PPP tasks, deliverables and budget for FY2021-22	Tasks, deliverables and budget		4/16/2021
2	Planning		\$ 15,000	
2.1	Begin update for the 2022 Coordinated Plan.	Update the Coordinated Plan with any new Federal/State Guidelines		6/30/2021
3	Data Gathering and Analysis		\$ 10,000	
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		6/30/2021
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		6/30/2021
5	Public Participation		\$ 4,500	
5.1	Participate in public meetings on issues related to the Coordinated Plan.	Outreach materials		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.

WORK ELEMENT NUMBER 622

Metropolitan Transportation Planning

Project Manager:

Heather Adamson

Total Budget: \$

315,407

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

	EXPENDITURES		REVENUE		
	Amount (\$)	Change		Amount (\$)	Change
Salaries	74,616		FHWA PL	182,907	-
Fringe Benefits	35,070		In-Kind - Toll Credits	20,979	-
Indirect	96,721		FTA 5303	25,000	-
Professional Services*	95,000		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		In-Kind - Toll Credits	-	-
In-Kind/Non-Federal Local Match	-		AMBAG GF	7,500	-
TOTAL	315,407		TOTAL	315,407	-
			% Federal	86.42	

**Contracts are as follows:*

- (1) Sohagi Law Group 25,000 To receive legal professional services for the preparation of the MTP environmental document \$75,000.00 (\$7,500 for FY20, \$25,000 for FY21 & \$42,500 for FY22)
- (2) Rincon Consultants 70,000 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

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
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	Develop project tasks, deliverables and budget for FY2021-22	Tasks, deliverables and budget for FY2021-22		4/17/2020
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		\$ 33,492
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

Project Manager:

Heather Adamson

Total Budget: \$

27,650

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES	Amount (\$)	REVENUE	Amount (\$)
Salaries	9,724	FHWA PL	27,650
Fringe Benefits	4,570	In-Kind - Toll Credits	3,171
Indirect	12,605	FTA 5303	-
Professional Services*	-	In-Kind - Toll Credits	-
Supplies	-	FHWA PL c/o	-
Printing	-	In-Kind - Toll Credits	-
Travel	750	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. 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.

Tasks & Deliverables

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 2,500	
1.1	MTP 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 scope of work, tasks and deliverables in consultation with SBtCOG	Tasks, deliverables and budget for FY2021-22		4/16/2021

2	Planning		\$ 9,000
2.1	Develop the transportation and land use assumptions for the San Benito County to incorporate in the development of region's MTP scenarios.	Initial MTP scenarios	6/30/2021
2.2	Finalize the transportation project list and revenue projections.	Project lists and revenue projections	6/30/2021
	Develop initial work on the EIR.	EIR alternatives project list, land use assumptions and draft EIR sections.	6/30/2021
2.3	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.	Draft ITS strategies, policies and regulations	12/31/2020
2.4	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	6/30/2021
2.5	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.	6/30/2021
3	Data Gathering and Analysis		\$ 6,000
3.1	Develop maps, graphs and charts in support of the 2045 MTP, in addition to maps for 2040 MTP education and outreach.	Maps, graphs and charts	6/30/2021
3.2	Collect and update GIS and transportation scenario data sets for the model.	Updated transportation, land use, TAZ and network files	6/30/2021
3.3	Various data analysis for San Benito County area to be included in region's MTP performance measures.	Performance measure report	6/30/2021

3.4	Update the transportation project database.	Telus database	1/31/2021
4	Coordination		\$ 7,650
4.1	Coordinate with regional and local agencies to develop the 2045 MTP.	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	Hold 2045 MTP public workshops	Meeting agendas, presentations, handouts, meeting notes and action items	6/30/2021
5.2	Continue to provide updates on the progress of planning projects included the adopted 2040 MTP and the 2045 MTP currently under development in public forums.	Meeting agendas, presentations, handouts, meeting notes and action items	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 641

Metropolitan Transportation Improvement Program (MTIP)

Project Manager:

Sasha Tepedelenova

Total Budget: \$

189,000

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES	Amount (\$)	REVENUE	Amount (\$)
Salaries	67,239	FHWA PL	153,000
Fringe Benefits	31,602	In-Kind - Toll Credits	17,549
Indirect	87,158	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 and the MTIP for FFY 2020-21 to FFY 2023-24. 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

- Final Board approved MTIP for FFY 2020-21 to FFY 2023-24, four formal amendments and ten administrative modifications to the MTIP for FFY 2020-21 to FFY 2023-24.
- Annual List of Federally Obligated Projects by December 31, 2020.
- 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 twelve (12) 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 2018-19.
- Attended six (6) CFPG meetings.
- Attended six (6) TAC meetings.

Tasks & Deliverables

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
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		6/30/2021
1.2	Make at least two presentations at the TAC/ITAC meetings (TAMC and SCCRTC) for MTIP update.	Staff reports, presentation materials and handouts		3/30/2021
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		6/30/2021
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	Develop the project scope of work, tasks, deliverables and budget for FY 2021-22.	Tasks, deliverables and budget for FY2021-22		4/16/2021

Overall Work Program

FY 2020-2021

1.8	Present the MTIP for FFY 2020-21 to FFY 2023-24 at the AMBAG Board meeting for Board approval	Board Presentation	9/9/2020
1.9	Prepare final MTIP for FFY 2020-21 to FFY 2023-24 and submit for state and federal approval	Final Board approved MTIP for FFY 2020-21 to FFY 2023-24	10/1/2020

2	Planning		\$ 30,000
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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	Solicit from partner agencies projects for inclusion in the MTIP for FFY 2020-21 to FFY 2023-24	Projects for the MTIP for FFY 2020-21 to FFY 2023-24	4/1/2020
2.5	Participate in various webinars/meetings pertaining to Performance Measures in relation to next MTIP development and reporting requirements.	Meetings/Webinars/Handouts	6/30/2021

3	Data Gathering and Analysis		\$ 85,000
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3.1	Prepare 2020 MTIP financial constraint summary tables.	Financial Constraint Summary Tables	6/30/2021
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	12/31/2020
3.5	Publish FY 2019-20 annual list of obligated projects for the AMBAG Region.	Annual list of obligated projects report	12/31/2020
3.6	Update projects for MTIP FFY 2020-21 to FFY 2023-24 in CTIPS.	Draft projects for the MTIP FFY 2020-21 to FFY 2023-24	6/30/2021

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 public notice for the Draft MTIP for FFY 2020-21 to FFY 2023-24	Public notices in local newspapers, agency websites and libraries	7/1/2021
5.4.	Hold a public hearing for the Draft MTIP for FFY 2020-21 to FFY 2023-24 at the AMBAG Board meeting	Board presentation	7/8/2021
5.5	Publish annual list of obligated projects for public review/record.	Web posting of annual list of obligated projects	12/31/2020

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 642

San Benito Transportation Improvement Program

Project Manager:

Sasha Tepedelenova

Total Budget: \$

13,500

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES

REVENUE

	Amount (\$)		Amount (\$)
Salaries	4,880	FHWA PL	13,500
Fringe Benefits	2,294	In-Kind - Toll Credits	1,548
Indirect	6,326	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 and the MTIP for FFY 2020-21 to FFY 2023-24. 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 develop, adopt and maintain 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

- Two formal amendments and three Administrative modifications to the MTIP for FFY 2020-21 to FFY 2023-24.
- Final Board approved MTIP for FFY 2020-21 to FFY 2023-24, four formal amendments and ten administrative modifications to the MTIP for FFY 2020-21 to FFY 2023-24.
- Annual List of Federally Obligated Projects by December 31, 2020.
- 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 twelve (12) 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 2018-19.
- 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		6/30/2021
1.2	Make at least two presentations at the San Benito TAC meeting for MTIP update and provide necessary guidance.	Staff reports, presentation materials and handouts		3/30/2021
1.3	Review and provide transit agencies the project consistency certification for FTA funds.	Certificate/letter for grant applications		6/30/2021
1.4	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
1.5	Develop the project scope of work, tasks, deliverables and budget for FY 2021-22 in consultation with SBtCOG.	Scope of work, tasks, deliverables and budget		4/16/2021
1.6	Present the MTIP for FFY 2020-21 to FFY 2023-24 at the AMBAG Board meeting for approval	Board Presentation and staff report		9/9/2020
1.7	Prepare final MTIP for FFY 2020-21 to FFY 2023-24 and submit for state and federal approval	Final Board approved MTIP for FFY 2020-21 to FFY 2023-24		10/1/2020
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 projects 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		6/30/2021

3	Data Gathering and Analysis		\$ 3,544
3.1	Coordinate Formal Amendment/Administrative Modification requests with local jurisdictions.	Four formal amendments and ten administrative modifications	Monthly
3.2	Prepare financial tables for each Formal Amendment of the MTIP.	Updated financial tables to go with formal amendments	Quarterly
3.3	Publish FY 2019-20 annual list of obligated projects for the AMBAG Region.	Annual list of obligated projects report	12/31/2020
3.4	Update projects for MTIP FFY 2020-21 to FFY 2023-24 in CTIPS.	Draft projects for the MTIP FFY 2020-21 to FFY 2023-24	6/30/2021
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 SBtCOG and project implementing agencies (Cities/County).	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 public notice for the Draft MTIP for FFY 2020-21 to FFY 2023-24	Public notices in local newspapers, agency websites and libraries	7/31/2020
5.4.	Hold a public hearing for the Draft MTIP for FFY 2020-21 to FFY 2023-24 at the AMBAG Board meeting	Board presentation	7/8/2020
5.5	Publish annual list of obligated projects for public review/record.	Web posting of annual list of obligated projects	12/31/2020

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 680

Rail Planning/Corridor Studies

Project Manager:

Paul Hierling

Total Budget: \$

50,000

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES	Amount (\$)	REVENUE	Amount (\$)
Salaries	17,714	FHWA PL	40,000
Fringe Benefits	8,325	In-Kind - Toll Credits	4,588
Indirect	22,961	FTA 5303	10,000
Professional Services*	-	In-Kind - Toll Credits	1,147
Supplies	-	FHWA PL c/o	-
Printing	-	In-Kind - Toll Credits	-
Travel	1,000	FTA 5303 c/o	-
Toll Credits	5,735	In-Kind - Toll Credits	-
In-Kind/Non-Federal Local Match	-	AMBAG General Fund/	-
TOTAL	50,000	TOTAL	50,000
		% 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.
- Planning studies which have a regional impact

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		\$ 5,000	
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
2	Planning		\$ 20,000	
2.1	Provide a regional forum for discussion on inter-county connections for future rail projects.	Meeting agenda, handouts, notes and action items		6/30/2021
2.2	Review technical studies, concept scenario evaluations and environmental considerations for partner projects and provide feedback.	Technical memoranda and feedback on planning studies		6/30/2021
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		6/30/2021
4	Coordination		\$ 20,000	
4.1	Participate and review SBtCOG, TAMC and SCCRTC corridor studies, MST/METRO studies and other partner studies.	Meeting agenda, handouts, action items, reports and feedback		6/30/2021
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		6/30/2021

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

Project Manager: Heather Adamson

Total Budget: \$ 22,591

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020-2021

EXPENDITURES	Amount (\$)	REVENUE	Amount (\$)
Salaries	575		
Fringe Benefits	270		
Indirect	746		
Professional Services*	20,000	SHA Sustainable Communities	20,000
Supplies	1,000	FHWA PL	2,591
Printing	-		
Travel	-		
Toll Credits	-		
In-Kind/Non-Federal Local Match	-		
TOTAL	22,591	TOTAL	22,591
		% Federal	11.47%

**Contracts are as follows:*

(3) Environmental Sciences Associates 20,000 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.

- 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

<i>Task</i>	<i>Description</i>	<i>Deliverables</i>	<i>Budget</i>	<i>Completion Date</i>
1	Administrative		\$ 1,000	
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		\$ 14,591	
21	Develop Central Coast Highway 1 Resiliency Study report.	Draft/final report		9/30/2020
3	Data Gathering and Analysis		\$ 3,000	
3.1	Finalize data, mapping and analysis for the corridor study.	Data sets and analysis		9/30/2020
4	Coordination		\$ 3,000	

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	9/30/2020
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		\$ 1,000
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5.1	Coordination meetings with partner agencies.	Meeting agendas, handouts, notes and action items	9/30/2020
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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 2020-2021

WE #	Project Title	Local	FHWA PL		FHWA PL Carryover		FTA 5303		FTA 5303 Carryover		SB 1 Sustainable Communities (SC) (FY 2019-20)		SB 1 Sustainable Communities (SC) (FY 2020-2021)		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*	SB 1 (SC) Share	Local Match	SB 1 (SC) Share	Local Match	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	-	31,498	3,613			7,500	860									-	4,473	38,998		
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	80,000	9,176							-	33,722	296,000		
251	Regional Travel Demand Model (RTDM)	-	275,418	31,590	100,000	11,470	80,229	9,202									-	52,262	455,647		
257	Central Coast Supra-Regional Activity-Based Model Framework	200,200	-				-										-	-	200,200		
320	AMBAG PG&E Local Governments Partnership Program (Energy Watch)	-	-				-										40,000	-	40,000		
331	AMBAG Community-wide Greenhouse Gas Inventory for Local Jurisdictions Program																61,300		61,300		
343	Regional Early Action Planning - AMBAG Fiscal Agent Administration	-															237,939	AB 101 REAP	237,939		
344	Regional Early Action Planning Housing Program																7,693,372	AB 101 REAP	7,693,372		
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		
605	Sustainable Communities Planning (FY 2019-2020)		12,956								100,000	12,956	FHWA					-	112,956		
606	Sustainable Communities Planning (FY 2020-2021)	-	40,881				-						315,537	40,881	FHWA			-	356,418		
610	Transportation Performance Management (TPM)	-	36,500	4,187			8,500	975									-	5,162	45,000		
621	Elderly & Disabled & Americans with Disabilities Act	-	30,000	3,441			10,000	1,147									-	4,588	40,000		
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	-	40,000	4,588			10,000	1,147									-	5,735	50,000		
684	Central Coast Highway 1 Climate Resiliency Study	-	2,591				-								20,000	2,591	FHWA	-	22,591		
Total		221,700	1,268,901	139,070	200,000	22,940	297,229	34,091	80,000	9,176	100,000	12,956		315,537	40,881		20,000	2,591	8,124,611	205,277	10,627,978

*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 2020-2021

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	38,998	-	4,473	38,998
122	Water-Related Plans Coordination and Interagency Liaison	10,000	-	-	10,000
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	296,000	-	33,722	296,000
251	Regional Travel Demand Model (RTDM)	455,647	-	52,262	455,647
257	Central Coast Supra-Regional Activity-Based Model Framework	5,200	195,000	-	200,200
320	AMBAG PG&E Local Governments Partnership Program (Energy Watch)	40,000	-	-	40,000
331	AMBAG Community-wide Greenhouse Gas Inventory for Local Jurisdictions Program	61,300	-	-	61,300
343	Regional Early Action Planning - AMBAG Fiscal Agent Administration	237,939	-	-	237,939
344	Regional Early Action Planning Housing Program	351,506	7,341,866	-	7,693,372
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
605	Sustainable Communities Planning (FY 2019-2020)	87,956	25,000	-	112,956
606	Sustainable Communities Planning (FY 2020-2021)	341,418	15,000	-	356,418
610	Transportation Performance Management (TPM)	45,000	-	5,162	45,000
621	Elderly & Disabled & Americans with Disabilities Act	40,000	-	4,588	40,000
622	Metropolitan Transportation Planning	220,407	95,000	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	50,000	-	5,735	50,000
684	Central Coast Highway 1 Climate Resiliency Study	2,590	20,000	-	22,590
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Total		2,936,112	7,691,866	205,277	10,627,978

**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 2020-2021

		AMBAG	Carryover	TOTAL
I. FTA Sec. 5303 - FY 2020-2021				
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	7,500	-	7,500
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	59,000	80,000	139,000
251	Regional Travel Demand Model (RTDM)	80,229	-	80,229
411	Clearinghouse	2,000	-	2,000
610	Transportation Performance Management (TPM)	8,500	-	8,500
621	Elderly & Disabled & Americans with Disabilities Act	10,000	-	10,000
622	Metropolitan Transportation Planning	25,000	-	25,000
641	Metropolitan Transportation Improvement Program (MTIP)	36,000	-	36,000
680	Rail Planning/Corridor Studies	10,000	-	10,000
Total I. FTA 5303 FY 2020-2021		297,229	80,000	377,229
				80,000
				297,229
				TOTAL FTA 5303
				377,229

Table D: FHWA Funds by Work Element: FY 2020-2021

WE#	AMBAG	Carryover	TOTAL
I. FHWA PL FY 2020-2021			
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	31,498	-	31,498
231 GIS Analysis, Data Collection, Uniformity, Coordination and Access	155,000	-	155,000
251 Regional Travel Demand Model (RTDM)	275,418	100,000	375,418
411 Clearinghouse	10,000	-	10,000
605 Sustainable Communities Planning (FY 2019-2020)	12,956	-	12,956
606 Sustainable Communities Planning (FY 2020-2021)	40,881	-	40,881
610 Transportation Performance Management (TPM)	36,500	-	36,500
621 Elderly & Disabled & Americans with Disabilities Act	30,000	-	30,000
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	40,000	-	40,000
684 Central Coast Highway 1 Climate Resiliency Study	2,591	-	2,591
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Total I. FHWA PL	1,268,901	200,000	1,468,901
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			FHWA PL FY 2019-2020 Carryover 200,000
			FHWA PL FY 2020-2021 Est. Alloc. Rev. 1,268,901

		TOTAL FHWA PL	1,468,901

Table E: Federal Sources of Funds By Work Element: FY 2020-2021

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	-	31,498	-	7,500	-	38,998
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	-	155,000	-	59,000	80,000	294,000
251	Regional Travel Demand Model (RTDM)	-	275,418	100,000	80,229	-	455,647
257	Central Coast Supra-Regional Activity-Based Model Framework	-	-	-	-	-	-
411	Clearinghouse	-	10,000	-	2,000	-	12,000
605	Sustainable Communities Planning (FY 2019-2020)		12,956	-	-	-	12,956
606	Sustainable Communities Planning (FY 2020-2021)	-	40,881	-	-	-	40,881
610	Transportation Performance Management (TPM)	-	36,500	-	8,500	-	45,000
621	Elderly & Disabled & Americans with Disabilities Act	-	30,000	-	10,000	-	40,000
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	-	40,000	-	10,000	-	50,000
684	Central Coast Highway 1 Climate Resiliency Study	-	2,591	-	-	-	2,591
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Total		-	1,268,901	200,000	297,229	80,000	1,846,130

Table F: State and Local Sources of Funds By Work Element: FY 2020-2021

WE #		Local or Local Cash Match	SB1 Formula & Competitive Grants FY 2019- 2020	SB1 Formula & Competitive Grants FY 2020- 2021	SHA Sustainable Communities	RAPS Inc.	PG&E LGP 2020	AB 101 REAP Funding	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	200,200	-	-	-	-	-		-	200,200
320	AMBAG PG&E Local Governments Partnership Program (Energy Watch)	-	-	-	-	-	40,000		-	40,000
331	AMBAG Community-wide Greenhouse Gas Inventory for Local Jurisdictions Program	61,300	-	-	-	-	-	-	-	61,300
343	Regional Early Action Planning - AMBAG Fiscal Agent Administration	-	-	-	-	-	-	237,939	-	237,939
344	Regional Early Action Planning Housing Program	-	-	-	-	-	-	7,693,372	-	7,693,372
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
605	Sustainable Communities Planning (FY 2019-2020)			100,000						100,000
606	Sustainable Communities Planning (FY 2020-2021)	-	315,537	-	-	-	-	-	-	315,537
622	Metropolitan Transportation Planning	7,500	-	-	-	-	-	-	-	7,500
684	Central Coast Highway 1 Climate Resiliency Study	-	-	-	20,000	-	-	-	-	20,000
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Total		283,000	315,537	100,000	20,000	92,000	40,000		-	8,781,848

*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, 605, 606, 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/Partnership 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	


Appendix B: Map of the AMBAG Region



Content may not reflect National Geographic's current map policy. Sources: National Geographic, Esri, DeLorme, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, incrementIP Corp.

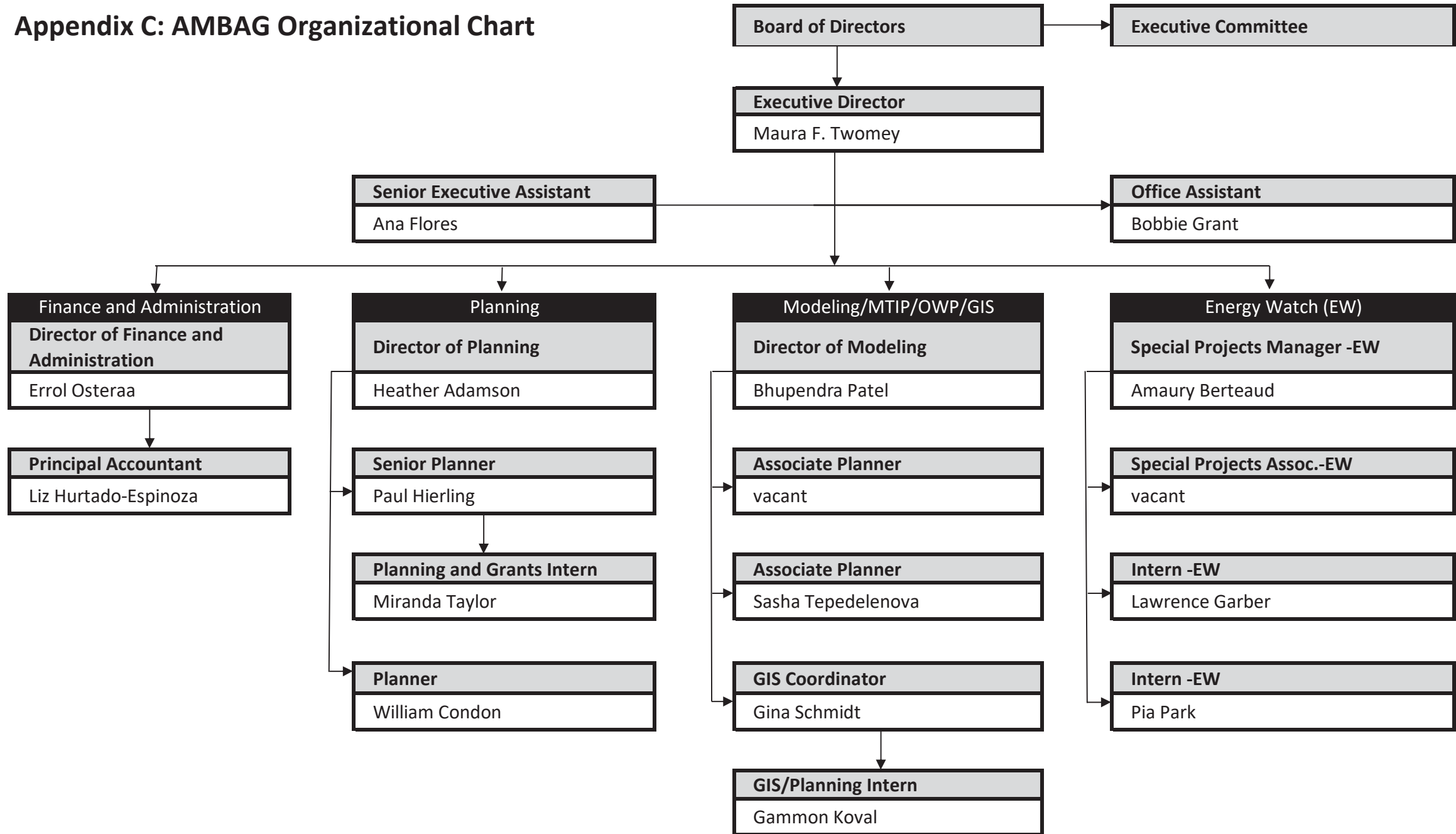
 Counties

 AMBAG Metropolitan Planning Area

 Urbanized Area



Appendix C: AMBAG Organizational Chart





AMBAG Budget

DRAFT

Fiscal Year 2020-2021

Proposed Adoption

May 13, 2020

Board of Directors Meeting

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PART III: Budget

AMBAG FY 2020-2021 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. 3 3/11/2020		FY 2020-2021 Draft Budget 5/13/2020		Change
Revenue					
Federal	\$ 2,190,510	\$	1,846,130	\$	(344,380)
State	\$ 9,329,243	\$	8,406,848	\$	(922,395)
Local	\$ 424,430	\$	423,950	\$	(480)
Total Revenue	\$ 11,944,183	\$	10,676,928	\$	(1,267,255)
Expenditures					
Salaries (Direct and Indirect) and Fringe Benefits	\$ 3,330,419	\$	2,393,063	\$	(937,357)
Professional Services	\$ 8,158,664	\$	7,857,466	\$	(301,198)
Lease/Rentals	\$ 91,000	\$	91,000	\$	-
Communications	\$ 24,800	\$	24,800	\$	-
Supplies	\$ 108,900	\$	117,100	\$	8,200
Printing	\$ 9,050	\$	10,050	\$	1,000
Travel (**)	\$ 91,750	\$	76,500	\$	(15,250)
Other Charges	\$ 94,020	\$	106,950	\$	12,930
Total AMBAG Expenditures	\$ 11,908,603	\$	10,676,928	\$	(1,231,675)
Total Subrecipient Agency Expenditures	\$ -	\$	-	\$	-
Grand Total Expenditures	\$ 11,908,603	\$	10,676,928	\$	(1,231,675)
Total AMBAG Revenue	\$ 11,944,183	\$	10,676,928	\$	(1,267,254)
Transfer to Reserves	\$ 3,580	\$	0	\$	(3,580)
Total Revenue to Expenditures	\$ -	\$	-	\$	(31,999)

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

Note: Toll Credits of \$205,277 constitutes 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 2020-2021

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	31,498	7,500	0		0	0	0	0	4,473	38,998
122	0	0	0		10,000	0	0	0	0	10,000
100 Total	288,498	66,500	0		12,000	0	0	0	40,718	366,998
231	155,000	139,000	0		2,000	0	0	0	33,722	296,000
251	375,418	80,229	0		0	0	0	0	52,262	455,647
257	0	0	0	fhwa spr	200,200	0	0	0	var 0	200,200
200 Total	530,418	219,229	0		202,200	0	0	0	85,984	951,847
320	0	0	40,000	pge	0	0	0	0	0	40,000
331						61,300	MBCP			61,300
343			237,939	AB 101 REAP						237,939
344			7,693,372	AB 101 REAP						7,693,372
300 Total	0	0	7,971,311		0	61,300	0	0	0	8,032,611
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
605	12,956	0	100,000	sha/sb 1/	0	0	0	0	0	112,956
606	40,881	0	315,537	sha/sb 1/	0	0	0	0	0	356,418
610	36,500	8,500	0		0	0	0	0	5,162	45,000
621	30,000	10,000	0		0	0	0	0	4,588	40,000
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	40,000	10,000	0		0	0	0	0	5,735	50,000

Table R: AMBAG Work Element Revenue Sources: FY 2020-2021

WE#	FHWA	FTA	Federal/State Other	AMBAG Local	Private/Local Other	RAPS	Cash Contrib.	In-Kind/ Toll Credits*	Revenue
684	2,591	0	20,000	sha/sb 1	0	0	0	0	22,591
600 Total	639,985	0	89,500	0	0	7,500	0	0	1,172,522
Grand Total	1,468,901	377,229	8,406,848	221,700	61,300	92,000	0	205,277	10,627,978

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 2020-2021

WE #	Salaries/	Fringe	Professional				Toll		In-Kind/ Non-Federal	Total
	Wages	Benefits	Indirect	Services	Supplies	Printing	Travel	Credits	Local Match	
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	13,646	6,414	17,689	0	0	1,000	250	4,473	0	38,998
122	3,615	1,699	4,686	0	0	0	0	0	0	10,000
100 Total	128,025	60,171	165,952	0	0	2,500	10,350	40,718	0	366,999
231	100,678	47,319	130,503	0	10,000	0	7,500 oos	33,722	0	296,000
251	139,773	65,693	181,180	40,000	20,000	0	9,000 oos	52,262	0	455,647
257	0	0	0	195,000	5,200	0	0	0	0	200,200
200 Total	240,451	113,012	311,684	235,000	35,200	0	16,500	85,984	0	951,847
320	14,460	6,796	18,744	0	0	0	0	0	0	40,000
331	21,979	10,330	28,491	0	200	200	100	0	0	61,300
343	84,750	39,832	109,857	0	2,500	0	1,000	0	0	237,939
344	125,262	58,873	162,371	7,341,866	1,000	1,000	3,000	0	0	7,693,372
300 Total	246,451 0	115,832 0	319,462 0	7,341,866 0	3,700 0	1,200 0	4,100 0	0 0	0 0	8,032,611
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
605	30,531	14,350	39,576	25,000	2,500	0	1,000	0	0	112,956
606	110,770	52,062	143,586	15,000	25,000	1,000	9,000 oos	0	0	356,418
610	15,725	7,391	20,384	0	0	0	1,500 oos	5,162	0	45,000
621	13,737	6,456	17,807	0	500	500	1,000 oos	4,588	0	40,000
622	74,616	35,070	96,721	95,000	5,000	1,000	8,000 oos	35,317	0	315,406
624	9,724	4,570	12,605	0	0	0	750	3,171	0	27,650

Table E: AMBAG Work Element Expenditures by Budget Source Account: FY 2020-2021

WE #	Salaries/	Fringe	Professional				Toll	In-Kind/ Non-Federal	Total	
	Wages	Benefits	Indirect	Services	Supplies	Printing	Travel	Credits		Local Match
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	17,714	8,325	22,961	0	0	0	1,000	5,735	0	50,000
684	575	270	746	20,000	1,000	0	0	0	0	22,591
600 Total	345,512	162,390	447,869 0	155,000 0	35,500 0	3,000 0	23,250 0	77,199 0	0	1,172,521
Grand Total	998,036	469,075	1,293,700	7,731,866	74,400	6,700	54,200	205,277	0	10,627,978

oos'=Out of State Travel

	FY 2019-2020 Amendment No. 3 3/11/2020	FY 2020-2021 Draft Budget 5/13/2020	Change
Indirect Expenditures			
Salaries	\$ 924,614	\$ 621,735	\$ (302,879)
Principal Accountant, Director of Finance & Administration, Exec. & Office Assistant, Executive Director (approx. 75%); Direct Staff Admin, Vacation, Holiday and Sick			
Fringe Benefits	\$ 434,568	\$ 292,215	\$ (142,353)
Social Security, Medicare, Unemployment Ins., Worker's Comp., Retirement, Health Ins., Life Ins., Long-Term Disability for regular positions.			
Professional Services	\$ 120,600	\$ 125,600	\$ 5,000
Legal retainer (\$13,500), audit (\$46,700), payroll & HR services (\$15,000), GASB 68 (\$700), IT services (\$26,000), website services (\$15,000), GASB 68/75 actuarial services (\$8,700)			
Lease/Rentals	\$ 91,000	\$ 91,000	\$ -
Office space (\$72,000), storage (\$4,000), copier (\$12,000), postage meter (\$2,500), other expense (\$500)			
Communications	\$ 24,800	\$ 24,800	\$ -
Website Hosting/Domains (\$2,000), Internet/Cable Svcs (\$6,000), postage (\$4,500), express mailing (\$250), telephone (\$12,000), other (\$50)			
Supplies	\$ 42,700	\$ 42,700	\$ -
Office supplies (\$8,500), copier paper (\$2,500), office equipment/furniture (\$6,000), IT hardware/software (\$25,000), printer cartridges (\$700)			
Printing	\$ 3,350	\$ 3,350	\$ -
Stationary/envelopes/agenda covers (\$500), outside printing (\$2,850)			
Transportation	\$ 18,300	\$ 18,300	\$ -
Fuel (\$2,000), maintenance (\$800), vehicle repairs (\$500), other (\$15,000)			
Other Charges	\$ 60,670	\$ 74,000	\$ 13,330
Computer maintenance (\$2,500), Insurance (\$35,000), workshops/education (\$10,000), temp.personnel (\$500), recruitment (\$1,500), other dues & subscriptions (\$15,000), maintenance & utilities (\$1,000), other charges (\$1,000), depreciation (\$7,500)*			
Total Expenditures	\$ 1,720,602	\$ 1,293,700	\$ (426,902)

* Depreciation expense for equipment and software.

AMBAG FY 2020-2021

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	10,240	\$ 1,064	\$ 2,613,574,021	\$ 1,667	\$ 2,731	\$ 500	\$ 3,231
Carmel	3,987	\$ 414	\$ 4,518,212,601	\$ 2,881	\$ 3,295	\$ 500	\$ 3,795
Del Rey Oaks	1,734	\$ 180	\$ 318,915,071	\$ 203	\$ 383	\$ 500	\$ 883
Gonzales	8,677	\$ 902	\$ 625,311,669	\$ 399	\$ 1,301	\$ 500	\$ 1,801
Greenfield	18,009	\$ 1,872	\$ 846,633,098	\$ 540	\$ 2,412	\$ 500	\$ 2,912
Hollister	40,149	\$ 4,174	\$ 4,231,336,102	\$ 2,698	\$ 6,872	\$ 500	\$ 7,372
King City	14,724	\$ 1,531	\$ 792,456,698	\$ 505	\$ 2,036	\$ 500	\$ 2,536
Marina	22,957	\$ 2,386	\$ 2,551,386,116	\$ 1,627	\$ 4,013	\$ 500	\$ 4,513
Monterey	28,448	\$ 2,957	\$ 6,378,207,969	\$ 4,068	\$ 7,025	\$ 500	\$ 7,525
Pacific Grove	15,883	\$ 1,651	\$ 3,782,814,212	\$ 2,412	\$ 4,063	\$ -	\$ 4,063
Salinas	162,797	\$ 16,924	\$ 11,890,560,058	\$ 7,584	\$ 24,508	\$ 500	\$ 25,008
San Juan Bautista	2,081	\$ 216	\$ 248,155,801	\$ 158	\$ 374	\$ 500	\$ 874
Sand City	397	\$ 41	\$ 331,697,641	\$ 212	\$ 253	\$ 500	\$ 753
Santa Cruz	65,807	\$ 6,841	\$ 10,391,986,604	\$ 6,627	\$ 13,468	\$ 500	\$ 13,968
Scotts Valley	12,082	\$ 1,256	\$ 2,945,122,189	\$ 1,878	\$ 3,134	\$ 500	\$ 3,634
Seaside	33,776	\$ 3,511	\$ 2,630,407,978	\$ 1,677	\$ 5,188	\$ 500	\$ 5,688
Soledad	26,079	\$ 2,711	\$ 1,146,227,786	\$ 731	\$ 3,442	\$ 500	\$ 3,942
Watsonville	53,021	\$ 5,512	\$ 4,440,954,739	\$ 2,832	\$ 8,344	\$ 500	\$ 8,844
County of Monterey	107,946	\$ 11,221	\$ 34,476,766,545	\$ 21,988	\$ 33,209	\$ 1,000	\$ 34,209
County of San Benito	20,066	\$ 2,086	\$ 4,578,310,492	\$ 2,920	\$ 5,006	\$ 1,000	\$ 6,006
County of Santa Cruz	133,721	\$ 13,900	\$ 27,822,908,153	\$ 17,743	\$ 31,643	\$ 1,000	\$ 32,643
Totals	782,581	\$ 81,350	\$ 127,561,945,543	\$ 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 2020. Assessed valuations are those reported by County Assessors and Auditor-Controllers for FY 2019-2020. There are ten regular meetings scheduled for FY 2020-2021.

Revenues

Miscellaneous Income (interest, service fees, other)
Assessments for Meeting Allowances
Member Dues
City of Monterey - Harbormaster

Total Estimated Revenues

Expenditures

Salaries and Benefits (includes member technical assistance work)
Travel
Other Charges
Direct Work Program Contribution/Match

Total Expenditures

Program Information

Travel

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

- Board Members' Travel
CALCOG Annual, Fall Meetings, & Other Conferences

Sub-Total

General Fund: Revenue and Expenditures

	FY 2019-2020 Amendment No. 3 3/11/2020	FY 2020-2021 Draft Budget 5/13/2020	Change
	\$ 83,230	\$ 86,450	\$ 3,220
	\$ 11,500	\$ 11,500	\$ -
	\$ 162,700	\$ 162,700	\$ -
	\$ 10,000	\$ 10,000	\$ -
Total Estimated Revenues	\$ 267,430	\$ 270,650	\$ 3,220
	\$ 20,000	\$ 12,000	\$ (8,000)
	\$ 7,000	\$ 4,000	\$ (3,000)
	\$ 33,350	\$ 32,950	\$ (400)
	\$ 171,500	\$ 221,700	\$ 50,200
Total Expenditures	\$ 231,850	\$ 270,650	\$ 38,800
	\$ 2,000	\$ 1,000	\$ (1,000)
Sub-Total	\$ 2,000	\$ 1,000	\$ (1,000)

(Continued)

General Fund: Revenue and Expenditures (Continued)

	FY 2019-2020 Amendment No. 3 3/11/2020	FY 2020-2021 Draft Budget 5/13/2020	Change
Travel (Continued)			
2. Executive Directors' Travel	\$ 1,000	\$ 500	\$ (500)
CALCOG Conferences	\$ 1,000	\$ 500	\$ (500)
Sub-Total	\$ 2,000	\$ 1,000	\$ (1,000)
3. Other Travel That Exceeds State Limits (not grant eligible)	\$ 3,000	\$ 2,000	\$ (1,000)
Total Travel	\$ 7,000	\$ 4,000	\$ (3,000)
Other Charges			
Board Meeting Allowance	\$ 11,500	\$ 11,500	\$ -
Board Meeting Meals & Supplies	\$ 7,495	\$ 7,495	\$ -
Line of Credit Interest/Fees	\$ 2,200	\$ 300	\$ (1,900)
Miscellaneous Expense (**)	\$ 10,155	\$ 10,155	\$ -
CALCOG Member Dues	\$ 2,000	\$ 3,500	\$ 1,500
Total Other Charges	\$ 33,350	\$ 32,950	\$ (400)
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	\$ 200,200	\$ 50,200
WE 622 - Metropolitan Transportation Planning	\$ 7,500	\$ 7,500	\$ -
WE 680 - Rail Planning/Corridor Studies	\$ -	\$ -	\$ -
Total Direct Work Program Contribution/Match	\$ 171,500	\$ 221,700	\$ 50,200
Total Expenditures	\$ 231,850	\$ 270,650	\$ 38,800
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 2020-2021

May 13, 2020

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.3 3/11/2020	FY 2020-2021 Draft Budget 5/13/2020	Monthly Salary Range FY 2020-2021
	FTE	FTE	(full-time equivalents)
Executive Director	1.00	1.00	\$15,879
Retired Annuitants <i>(2 part-time)</i>	0.40	0.70	\$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	2.00	2.00	\$6,022 - \$8,099
Planner	1.00	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
Special Projects Manager - Energy Watch	0.00	1.00	\$7,799 - \$10,488
Special Projects Associate - Energy Watch	1.00	1.00	\$5,323 - \$7,159
Interns (*)	2.00	2.50	\$14.70 - \$19.77/hr.
Total	16.4	17.2	

*Intern positions will be staffed part-time

Association of Monterey Bay Area Governments
DRAFT SALARY SCHEDULE (Monthly, in Dollars), effective 07/01/20

Position	Date	STEPS												
		1	2	3	4	5	6	7	8	9	10	11	12	13
Executive Director (Set by AMBAG Board of Directors)	7/1/2020	15,879	15,879	15,879	15,879	15,879	15,879	15,879	15,879	15,879	15,879	15,879	15,879	15,879
Senior Executive Assistant	7/1/2020	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	7/1/2020	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	7/1/2020	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	7/1/2020	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	7/1/2020	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	7/1/2020	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	7/1/2020	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	7/1/2020	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	7/1/2020	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	7/1/2020	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
Special Projects Manager - Energy Watch	7/1/2020	7,799	7,994	8,194	8,398	8,608	8,824	9,044	9,270	9,502	9,740	9,983	10,233	10,488
Special Projects Associate - Energy Watch	7/1/2020	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*	7/1/2020	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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