DRAFT Monterey Bay Region Overall Work Program (OWP) & Budget
FY 2021-2022

Amendment No. 2

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

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

Proposed Adoption Date: October 13, 2021

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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 2021-2022.

The FY 2021-2022 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 2021-2022 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 2021-2022 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)
FFY: Federal Fiscal Year
FY: Fiscal Year
FHWA: Federal Highway Administration
FTA: Federal Transit Administration
MBARD: Monterey Bay Air Resources District
3CE: Central Coast Community Energy (3CE)
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, 2021 to June 30, 2022 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 2021-2022. 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 2021-2022 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 2021-2022, 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 2021-2022, 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, Central Coast Community Energy (3CE) 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 October 13, 2021 includes:

NAME	TITLE
Maura Twomey	Executive Director
Heather Adamson	Director of Planning
vacant	Special Projects Associate, Sustainability Program
Amaury Berteaud	Special Projects Manager, Sustainability Program
Gammon Koval	Intern, GIS & Planning
Errol Osteraa	Director of Finance and Administration
Ana Flores	Senior Executive Assistant
Cynthia Pina	Office Assistant
Paul Hierling	Senior Planner

Miranda Taylor	Planner
Liz Hurtado-Espinosa	Principal Accountant
Bhupendra Patel	Director of Modeling
Gina Schmidt	GIS Coordinator
Aleksandra Tepedelenova	Associate Planner
William Condon	Planner
vacant	Graduate Student Intern, Sustainability Program

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 2021-2022 Overall Work Program includes the above statement. A separate joint certification by AMBAG and Caltrans is forwarded with the Final FY 2021-2022 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, 259, 331, 332, 411, 621, 622, 624, 641, 642 and 680)
2) **Increase the safety of the transportation system for motorized and non-motorized users**
   (WEs 101, 112, 251, 257, 259, 411, 621, 622, 624, 641, 642 and 680)
3) **Increase the security of the transportation system for motorized and non-motorized users**
   (WEs 101, 112, 251, 257, 259, 621, 622, 624, 641, 642 and 680)
4) **Increase the accessibility and mobility options available to people and for freight**
   (WEs 101, 112, 113, 251, 257, 259, 411, 621, 622, 624, 641, 642 and 680)
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, 259, 331, 332, 411, 606, 607, 610, 621, 622, 624, 641, 642 and 680)
6) **Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight**
   (WEs 101, 112, 231, 251, 257, 259, 411, 621, 622, 624, 641, 642 and 680)
7) **Promote efficient system management and operation**
   (WEs 101, 112, 231, 251, 257, 259, 411, 606, 607, 610, 622, 624, 641, 642 and 680)
8) **Emphasize the preservation of the existing transportation system**

(WEs 101, 231, 251, 257, 259, 411, 606, 607, 610, 622, 624, 641, 642 and 680)

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, 259, 606, 607, 610, 622, 624, 641, 642 and 680)

10) **Enhance travel and tourism**

(WEs 101, 231, 251, 257, 259, 622, 624, 641, 642 and 680)

V. AMBAG FY 2021-2022 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 2021-2022 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 2021-2022 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 (further details on activities and products related to Modeling and Research can be found in work element 231, 251, 257 and 610).

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 (further details on activities and product related to Planning and Forecasts can be found in work element 606, 607, 622 and 624).

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 (further details on activities and product related to Sustainable Development Strategies can be found in work element 606, 607, 610, 622 and 680).

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 (further details on activities and product related to Collaborative Planning and Implementation can be found in work element 112, 113, 621, 622, 641, 642 and 680).

PART II: OVERALL WORK PROGRAM ELEMENTS

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Overall Work Program FY 2021 to 2022

Amendment 2

WORK ELEMENT NUMBER 101
Overall Work Program, Budget and Administration
Project Manager: Bhupendra Patel

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $96,950.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	31,459.68	-1,670	FHWA PL	78,950.00	0
Fringe Benefits	14,786.05	-785	In-Kind - Toll Credits	9,056.00	0
Indirect	48,604.27	2,455	FTA 5303	18,000.00	0
Professional Services*	0.00	0	In-Kind - Toll Credits	2,065.00	0
Supplies	0.00	0	FHWA PL c/o	0.00	0
Printing	1,500.00	0	In-Kind - Toll Credits	0.00	0
Travel**	600.00	0	FTA 5303 c/o	0.00	0
Toll Credits	11,121.00	0	In-Kind - Toll Credits	0.00	0
In-Kind/Non-Federal Local Match	0.00	0	AMBAG General Fund/Cash Contributions	0.00	0
TOTAL	**96,950.00**		**TOTAL**	**96,950.00**	0
			% Federal	**88.53**	

*Contracts are as follows:
None

** May include out of state travel.

WORK ELEMENT NUMBER 101		Amendment 2
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 at 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 2021-22 Annual Overall Work Program (OWP) 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 2022-23 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 providing quarterly progress reports and deliverables to Caltrans/FHWA/FTA demonstrating project progress. AMBAG will coordinate and carry out up to four (4) amendments to the FY 2021-22 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 2022-23 Overall Work Program and Budget. • Up to four amendments to the FY 2021-22 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 2022-23 Annual Overall Work Program and Budget, amendments to the FY 2021-22 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 2020-21 OWP and Budget; processed three amendments to the FY 2020-21 OWP and Budget; provided Caltrans detailed quarterly progress reports; coordinated Metropolitan Transportation Planning activities and held and early consultation/kickoff meeting and coordination meetings in accordance with the federal and state requirements.
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$ 25,000**
1.1	Carry out up to four amendments to the FY 2021-22 OWP.	Up to four amendments to FY 2021-22 OWP	Quarterly
1.2	Coordinate, prepare and provide monthly and quarterly FY 2021-22 OWP progress reports to Caltrans.	12 monthly/4 quarterly progress reports	Monthly/ Quarterly
1.3	Present Draft and final FY 2022-23 OWP at AMBAG Board and finalize the FY 2022-23 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	03/9/2022 Draft 5/11/2022 Final
1.4	Closing out the FY 2020-21 OWP	FY 2020-21 OWP closeout report	9/30/2021
2	**Planning**	**Planning Deliverables**	**$ 22,000**
2.1	Engage stakeholders and policy makers to identify MPO priorities for FY 2022-23 in conjunction with Federal and State Planning Emphasis Areas/Planning Factors.	Draft list of MPO's OWP priority, projects/activities	11/30/2021
2.2	Consultation with AMBAG Board and Executive/Finance Committee to scope out regional long term priorities that should be reflected in FY 2022-23 OWP.	FY 2022-23 OWP priorities, projects/activities	12/17/2021
2.3	Accommodate an early consultation meeting with Caltrans and FHWA/FTA for FY 2022-23 OWP.	Meeting agenda, resource materials and follow-up actions	1/30/2022
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$ 42,950**
3.1	Prepare draft and final FY 2022-23 OWP in consultation with partner agencies and incorporating federal and state emphasis areas in relation to Board established priorities.	Draft and final FY 2022-23 OWP document	3/1/2022 Draft 5/11/2022 Final
3.2	Take draft and final FY 2022-23 OWP for Board review/approval. Also prepare necessary submission forms, certificates and documents to Caltrans/FHWA/FTA.	Draft and final FY 2022-23 OWP document, Board materials and other forms	3/9/2022 Draft 5/11/2022 Final
3.3	Research and participate in legislative webinars and seminars.	Meetings/Webinars/Handouts	Monthly/ Quarterly
4	**Coordination**	**Coordination Deliverables**	**$ 5,000**
4.1	Coordinate FY 2022-23 OWP with partner agencies.	Meeting agenda, handouts, notes and action items	Monthly/ Quarterly
5	**Public Participation**	**Public Participation Deliverables**	**$ 2,000**
5.1	Web hosting of FY 2022-23 OWP and amendments to the FY 2021-22 OWP with highlights for all agencies as well as general public use.	Updated OWP web content	Quarterly

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 112
Transportation Plans Coordination and Interagency Liaison
Project Manager: Heather Adamson

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2020 to 2021 **Total Budget: $236,000.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	75,125.13	-3,988	FHWA PL	190,000.00	0
Fringe Benefits	35,308.81	-1,875	In-Kind - Toll Credits	21,793.00	0
Indirect	116,066.07	5,863	FTA 5303	44,000.00	0
Professional Services*	0.00	0	In-Kind - Toll Credits	5,047.00	0
Supplies	0.00	0	FHWA PL c/o	0.00	0
Printing	0.00	0	In-Kind - Toll Credits	0.00	0
Travel**	9,500.00	0	FTA 5303 c/o	0.00	0
Toll Credits	26,840.00	0	In-Kind - Toll Credits	0.00	0
In-Kind/Non-Federal Local Match	0.00	0	AMBAG General Fund/Cash Contributions	2,000.00	0
TOTAL	**236,000.00**		**TOTAL**	**236,000.00**	0
			% Federal	**87.78**	

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

WORK ELEMENT NUMBER 112 **Amendment 2**

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.

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.
	• 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.
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 2020-21, 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.
Federal Planning Factors (PF)	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. Promote efficient system management and operation.

Tasks & Deliverables

Task	Description	Deliverables		Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$**	**6,000**
1.1	Track and update the project schedule monthly and prepare monthly project progress report and identify necessary action.	Updated project timeline and scope of work.		Monthly/ Quarterly
1.2	Develop project scope of work, tasks and products for FY 2022-23 that is consistent with Metropolitan transportation planning requirements.	Project Scope of work, tasks and deliverables for FY 2022-23		4/16/2022
2	**Planning**	**Planning Deliverables**	**$**	**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		6/30/2022
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$**	**38,000**
3.1	Follow transportation legislation activities (FAST Act implementation) and participate in the discussion, conduct analysis, attend conferences/workshops and prepare staff reports/presentations/handouts.	Presentation material, summary and analysis report necessary for change in MPO's role and products		6/30/2022
3.2	Participate in seminar/conference/meetings pertaining to implementation of FAST Act. and make presentation at the AMBAG as well as RTPAs Board on topics related to transportation planning activities/process.	Presentations to AMBAG Board and RTPAs/Transit agencies policy Boards and follow-up actions		6/30/2022
3.3	Participate in the coordination and implementation of the FAST Act and any legislative updates related to metropolitan transportation planning.	Attending conference, meetings, webinar and presentations for the TACs and MPO Board		6/30/2022
4	**Coordination**	**Coordination Deliverables**	**$**	**152,000**
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 and Air District and Central Coast Freight Working Group) 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**	**Public Participation Deliverables**	**$0**
5.1	None		

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 113
Public Participation Plan
Project Manager: Miranda Taylor

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $37,500.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	12,023.34	-638	FHWA PL	30,000.00	0
Fringe Benefits	5,650.97	-300	In-Kind - Toll Credits	3,441.00	0
Indirect	18,575.69	938	FTA 5303	7,500.00	0
Professional Services*	0.00	0	In-Kind - Toll Credits	860.00	0
Supplies	0.00	0	FHWA PL c/o	0.00	0
Printing	1,000.00	0	In-Kind - Toll Credits	0.00	0
Travel	250.00	0	FTA 5303 c/o	0.00	0
Toll Credits	4,301.00	0	In-Kind - Toll Credits	0.00	0
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**37,500.00**		**TOTAL**	**37,500.00**	0
			% Federal	**88.53**	

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

WORK ELEMENT NUMBER 113 **Amendment 2**

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. As part of this work element, AMBAG will actively engage with Native American Tribes in our region.
Project Products	• Maintain the 2019 PPP (as needed). • Approve the Final 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. The Draft 2021 Title VI Plan was developed and released for public review. The agency implements both of these plans through public notices, press releases, electronic notifications, public meetings, workshops and public hearings on an ongoing basis. Due to COVID-19, many of the meetings held during FY21 were virual. AMBAG will continue to conduct virutal meetings until it is safe to return to in person meetings.
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables		Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$**	**6,700**
1.1	Oversee process to maintain the 2019 PPP to reflect changes to public participation requirements.	Maintain 2019 PPP (as needed)		Ongoing
1.2	Include Title VI policy in upcoming contracts, RFPs and other related documents.	Title VI Policies		Ongoing
1.3	Develop scope of work and funding requirements for FY 2022-23.	Scope of work for FY 2022-23		4/16/2022
2	**Planning**	**Planning Deliverables**	**$**	**14,000**
2.1	Review new state/federal legislation and identify areas in the PPP and Title VI Plan that may need to be amended, including reviewing any potential PPP apporches to better outreach to traditionally underserved and LEP communities.	Summary report for PPP and Title VI amendment/modification		3/31/2022
2.2	Prepare the Final 2021 Title VI Plan.	Final 2021 Title VI Plan		8/31/2021
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$**	**7,900**

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		5/20/2022
4	**Coordination**	**Coordination Deliverables**	**$**	**5,900**
4.1	Hold meetings with partner agencies to discuss the development and potential modifications and updates to the 2019 PPP and 2021 Title VI Plan.	Meeting agenda, handouts, notes and action items		Quarterly
5	**Public Participation**	**Public Participation Deliverables**	**$**	**3,000**
5.1	Publish newspaper ads, website postings and media coverage for public participation.	Handouts, public notices and web postings		5/27/2022

Overall Work Program FY 2021 to 2022

Amendment 2

WORK ELEMENT NUMBER 122
Water-Related Plans Coordination and Interagency Liaison
Project Manager: Maura Twomey

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $10,000.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	3,316.78	-176	Local	10,000.00	0
Fringe Benefits	1,558.89	-83			
Indirect	5,124.33	259			
Professional Services*	0.00	0			
Supplies	0.00	0			
Printing	0.00	0			
Travel	0.00	0			
Toll Credits	0.00	0			
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**10,000.00**		**TOTAL**	**10,000.00**	0
			% Federal	**0.00**	

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

WORK ELEMENT NUMBER 122 **Amendment 2**

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.
Federal Planning Factors (PF)	This is a non-federal work element.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$ 10,000**
1.1	Attend various water resource related meetings within the region.	Meeting agenda, handouts, notes and action items	6/30/2022
1.2	Bring pertinent information to the AMBAG Board for consideration.	Board memos or verbal communication	6/30/2022
2	**Planning**	**Planning Deliverables**	**$0**
2.1	None		
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$0**
3.1	None		
4	**Coordination**	**Coordination Deliverables**	**$0**
4.7	None		
5	**Public Participation**	**Public Participation Deliverables**	**$0**
5.1	None		

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 231
GIS Analysis, Data Collection, Uniformity, Coordination and Access
Project Manager: Bhupendra Patel & Gina Schmidt

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget:** **$270,857.79**

EXPENDITURES	**Amount ($)**	**Changes**	**REVENUE**	**Amount ($)**	**Changes**
Salaries	82,374.88	-26,428	FHWA PL	133,000.00	
Fringe Benefits	38,716.19	-12,421	In-Kind - Toll Credits	15,255.00	0
Indirect	127,266.72	-24,293	FTA 5303	59,000.00	0
Professional Services*	0.00	0	In-Kind - Toll Credits	6,767.00	0
Supplies	15,000.00	0	FHWA PL c/o	0.00	0
Printing	0.00	0	In-Kind - Toll Credits	0.00	0
Travel**	7,500.00	0	FTA 5303 c/o	76,857.79	-63,142
Toll Credits	30,838.00	-7,242	In-Kind - Toll Credits	8,816.00	-7,242
In-Kind/Non-Federal Local Match	0.00	0	AMBAG General Fund/Cash Contributions	2,000.00	0
TOTAL	**270,857.79**		**TOTAL**	**270,857.79**	-63,142
			% Federal	**87.88**	

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

WORK ELEMENT NUMBER 231 **Amendment 2**

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, Land use planning and monitoring, 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	All tasks are federally eligible.
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 2020-2021. 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.
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1	**Administration**	**Administrative Deliverables**	**$ 13,057**
1.1	Monitor and provide support for HPMS Program.	Reports and HPMS data delivery to Caltrans	6/30/2022
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 CCJDC website	Quarterly
1.3	Track project activities of FY 2021-22 and develop FY 2022-23 scope of work, tasks, deliverables and budget consistent with Federal planning factors.	Scope of work, tasks, deliverables and budget for FY2022-23 OWP.	4/30/2022
1.4	Provide monthly project progress report and attend/prepare for meetings.	Project progress report	Monthly
2	**Planning**	**Planning Deliverables**	**$ 115,000**
2.1	Participate in trainings/webinars, skill development, and capacity building activities for data analysis and GIS mapping.	Attend webinars, seminars, and conferences	6/30/2022
2.2	Provide GIS support, training, and mapping, for MPO, RTPA, other agencies and general public.	Presentations, posters, hand out materials	6/30/2022
2.3	Continue planning and developing GIS data visualization tools and GIS web applications.	Updated GIS map applications in Portal 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	6/30/2022
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$ 172,708**
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	6/30/2022

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		6/30/2022
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		6/30/2022
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	Coordinate the collection of traffic accident data and reported transportation safety areas.	GIS database of traffic accident locations		Quarterly
3.6	Collect data on airport safety zones and update maps.	Updated Airport safety zone maps		6/30/2022
3.7	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		6/30/2022
3.8	Continue hosting, maintaining, and responding to request for the Wildlife Connectivity Tool for public use.	Hosted Wildlife Connectivity Tool for public use		Quarterly
3.9	Prepare and create draft maps, graphs, and charts for MPO activities for public participation.	GIS maps, graphs, charts		6/30/2022
3.10	Collect and update GIS and transportation network.	Updated transportation, land use, TAZ and network		6/30/2022
3.11	Finalize maps, data and analysis for MTP/SCS and inputs.	GIS maps, shapefiles, graphs, charts and network files		6/30/2022
3.12	Develop draft land use model for use in RTDM/ABM/MTP.	GIS based land use model		6/30/2022
4	**Coordination**	**Coordination Deliverables**	**$**	**21,366**
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		6/30/2022
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		6/30/2022
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		11/30/2021
4.4	Coordinate the efforts related to the Wildlife Connectivity Tool.	Communication with the project manager		6/30/2022

4.5	Work with jurisdictions and partner agencies on data coordination for supporting MPO activities.	Reports, meeting participation, data files and maps		6/30/2022
4.6	Coordinate Census geography updates with regional transportation planning agencies and jurisdictions.	Communication with US Census Bureau and updated GIS files		6/30/2022
5	**Public Participation**	**Public Participation Deliverables**	**$**	**11,869**
5.1	Provide count and historic traffic count data for use by government agencies and members of the public.	GIS maps, graphs, charts emailed to interested parties and list of requests		Bi-annually
5.2	Provide land use development components used in MTP/SCS as needed.	GIS online tool UrbanFootprint updates		Bi-monthly
5.3	Provide freight movement data and mapped areas of freight movement trends to state and federal agencies, land use development proponents and members of the public as needed.	Data or maps emailed to interested parties and list of requests		6/30/2022
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

Overall Work Program FY 2021 to 2022

Amendment 2

WORK ELEMENT NUMBER 251
Regional Travel Demand Model (RTDM)
Project Manager: Bhupendra Patel

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $532,000.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	133,666.34	-7,096	FHWA PL	302,000.00	0
Fringe Benefits	62,823.18	-3,335	In-Kind - Toll Credits	34,639.00	0
Indirect	206,510.48	10,432	FTA 5303	80,000.00	0
Professional Services*	100,000.00	0	In-Kind - Toll Credits	9,176.00	0
Supplies	20,000.00	0	FHWA PL c/o	150,000.00	0
Printing	0.00	0	In-Kind - Toll Credits	17,205.00	0
Travel**	9,000.00	0			
Toll Credits	61,020.00	0			
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**532,000.00**		**TOTAL**	**532,000.00**	0
			% Federal	**88.53**	

*Contracts are as follows:

(1) Caliper Corporation	$100,000.00	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.

WORK ELEMENT NUMBER 251 **Amendment 2**

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 air quality planning and programming activities within the tri-county MPO's planning area. AMBAG staff in consultation with Caltrans, local and regional agencies continuously collect, analyze and applies most recent population, employment, land use and various socio-economic spatial data to develop and enhance the RTDM as well as provides technical assistance/guidance to regional and local agencies including Caltrans for model use and its applications including but not limited to develop their own VMT and VMT reducing mitigation programs. The AMBAG-RTDM is available for public agency/consultant by signing an AMBAG Board approved Model Use Agreement (MUA) for corridor and project planning purpose. 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 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 (2015-2040 model years), MUA agreements, and technical guidance to regional agencies, state and transportation stakeholders. Provide ongoing support of the 2040 MTP/SCS with model years of 2015-2020-2035-2040. Participation in Model 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 and updating freight data for truck model component as a part of the AMBAG RTDM 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 (scenario analysis and prepare performance matrix). GHG analysis for MTP/SCS model years (2015, 2020, 2035 and 2045). Presentations at Technical Advisory Committee meetings for the new AMBAG ABM (2015-2020-2035-2045 model years).
Federally Eligible Tasks	All tasks listed below and deliverables are federally eligible.
Previous Accomplishments	AMBAG updated Hybrid model with latest datasets and also develop an entirely new draft RTDM, which is an activity-based model with model base year of 2015. Conducted national level Peer Review on September 23-24, 2020 to receive professional feedback and validation. AMBAG continued maintain and support of the 2018 RTDM. Staff updated Model Screen line traffic count data, conducted QA/QC of TAZ data and comparing with 2011-2015 ACS data, which are key inputs for draft ABM. The 2018 RTDM was used to develop and support the 2040 MTP/SCS. 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 2045 MTP/SCS. Completed development of multiple scenarios (model network and land used layers) for 2045 MTP/SCS update. AMBAG staff participated in various webinar/workshop pertaining to travel demand forecasting model development and its application. Staff participated in the Peer Revie process for Maricopa County Association of Governments (MAG) and Southern California Association of Governments (SCAG). Provided model update at Regional ITAC meetings.
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1	**Administration**	**Administrative Deliverables**	**$ 15,500**
1.1	Continue to provide access to the AMBAG RTDM for interested parties after executing the Model Use Agreement (MUA).	Signed Model Use Agreements, Provide technical guidance/documents	6/30/2022
1.2	Administration of RTDM project contract (on call consultant contract)/activities.	Attend Monthly meetings, progress report and invoices	Monthly
1.3	Track RTDM project activities for FY 2021-22 and develop FY 2022-23 scope of work for the RTDM (ABM) update/enhancement project	RTDM/ABM Scope of work for FY2022-23 OWP	2/5/2022 Draft
1.4	Provide quarterly project progress report and attend various MTP/SCS and other project meetings.	Project progress report, summary findings, presentations and email responses	Monthly
2	**Planning**	**Planning Deliverables**	**$ 238,000**
2.1	Research 2020 census data, new geographic (Block group) files and integrate disaggregated population, employment and housing data into current model's TAZ layer used for modeling MTP/SCS scenarios for 2015 2020, 2035, 2045 (with consultant assistance).	Updated 2020 census geographic TAZ/Block group layers and population synthesis data layers for 2020, 2035, 2045	6/30/2022
2.2	Prepare 3 land use scenarios data layers for 2020, 2035, and 2045 forecast years for AMBAG's 2045 MTP/SCS.	Prepare draft input land use TAZ layers for model runs for each MTP/SCS years	12/17/2021
2.3	Research, review and identify influence of various emerging technologies (Autonomous Vehicle, Work From Home, Transportation Network Companies) on travel forecasting to be used in the next model update.	Research reports, participation in webinars, presentation materials and technical memos.	5/27/2022
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	6/30/2022
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$ 249,000**

3.1	Prepare multiple scenario input files and conduct scenario analysis using RTDM for the 2045 SCS/MTP model update (2020, 2035 and 2045 modeling years), with consultant assistance.	Model input layers (TAZ, Highway networks and transit networks), traffic counts, population, employment data. Summary results tables.		11/30/2021
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 for Model inputs		11/30/2021
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		11/30/2021
	Conduct GHG emission analysis for each 2045MTP/SCS model scenarios using EMFAC 2014 and 2017 models.	Summary tables/charts documenting GHG analysis results by County for each scenarios.		11/30/2021
3.4	Collect 2020 Census, ACS and other socio-economic data sets for the new 2020 base year model development.	Socio-Economic and demographic database for 2020 Model updates.		5/27/2022
3.5	Update draft ABM as per the peer review recommendations and perform model calibration and validation for the 2020 Base year with consultant assistance.	Technical report and computer models for draft 2020 Base year Model.		6/30/2022
3.6	Collect big data to study the benefits and challenges of telecommuting (Work From Home), especially regarding current events and in a longterm perspectrive (with consultant assistance).	Technical report on WFH data analysis and trend.		4/21/2022
4	**Coordination**	**Coordination Deliverables**	**$**	**15,500**
4.1	Coordinate Model Technical Advisory Committee meetings.	Meeting agenda, handouts, notes and action items		Bi-Annually
4.2	Provide RTDM related technical update to RTPA's Technical Advisory Committees.	Staff reports, presentations and technical data/handouts for ITAC meetings		Quarterly
4.3	Coordinate with regional transportation planning agencies and local jurisdictions to collect data for the transportation and land use updates to be included in the RTDM.	Updated network and TAZ layers for Base year and future years		6/30/2022
5	**Public Participation**	**Public Participation Deliverables**	**$**	**14,000**
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		6/30/2022
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		6/30/2022
5.4	Provide access and/or technical assistance to the public, local jurisdictions and stakeholders pertaining to model data and its applications including but not limited to develop their own VMT and VMT reducing mitigation programs.	Technical assistance to local agencies, maps table or reports		6/30/2022

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 257
Central Coast Supra-Regional Activity-Based Model Framework
Project Manager: Bhupendra Patel

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $52,313.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	13,924.52	10,432	Local Fund	52,313.00	37,313
Fringe Benefits	6,544.52	4,903			
Indirect	21,512.96	16,647			
Professional Services*	10,331.00	5,331			
Supplies	0.00	0			
Printing	0.00	0			
Travel	0.00	0			
Toll Credits	0.00	0			
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**52,313.00**		**TOTAL**	**52,313.00**	37,313
			% Federal	**0.00**	
*Contracts are as follows:					
(1) Caliper Corporation	5,000.00		Technical services for the development of an Activity-Based Model (ABM) Framework for the Central Coast Supra-Region (AMBAG, SLOCOG and SBCAG). Multi-year contract, total contract amount is $899,680		

WORK ELEMENT NUMBER 257 **Amendment 2**

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 or hybrid models 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 or hybrid models 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 • Conduct Peer Review and 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 or Hybrid 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. FY 2021-22 activities of this project is funded by local cash match.
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 20-21 on the CCSABM with peer review panel report and recommendations. Draft CCSABM fully functional ABM.
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1	**Administration**	**Administrative Deliverables**	**$ 3,000**
1.1	Project administration.	Invoices and quarterly progress reports.	8/30/2021
1.2	Monthly/Quarterly meeting, reporting and invoicing.	Agendas, meeting materials, and meeting notes.	8/30/2021
1.3	Work with AMBAG, SLOCOG and Caltrans to develop each MPO's individual ABM / Hybrid Models (with technical assistance from consultant).	Project progress and grant closeout report	8/30/2021
3	**Data Gathering and Analysis**	**Planning Deliverables**	**$ 11,000**
3.1	Consultant and MPO's staff finalizes calibrated and validated ABM/Hybrid Models for AMBAG and SLOCOG.	Final Hybrid Model / Activity-Based Model and technical documentation (AMBAG and SLOCOG).	8/30/2021
4	**Coordination**	**Coordination Deliverables**	**$ 1,000**
4.1	Consultant provides online training to MPO and Caltrans staff on use of modeling products.	Meeting presentation, handouts, minutes and progress report reports.	8/30/2021

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 259
Integrated Land Use Model and Development Monitoring Framework Tool
Project Manager: Gina Schmidt

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $640,000**

EXPENDITURES	Amount ($)	Changes
Salaries	26,203	-1,391
Fringe Benefits	12,315	-654
Indirect	40,482	2,045
Professional Services*	550,000	0
Supplies	5,000	0
Printing	1,000	0
Travel	5,000	0
Toll Credits	0	0
In-Kind/Non-Federal Local Match	20,000	0
TOTAL	**640,000**	0

REVENUE	Amount ($)	Changes
FTA 5304 (FY 2021-22 STP Grant Program)	550,000	0
In-Kind	20,000	0
Local Cash Contributions**	90,000	0
TOTAL	**640,000**	0
% Federal	**0.00**	

*Contracts are as follows:

(1) TBD: $550,000

Technical services for the development of an Integrated Land Use Model and Development Monitoring Framework Tool (AMBAG, SLOCOG, BCAG, SRTA, TRPA). Multi-year contact, total contract amount is $550,000

**$90,000.00, Local Cash Contribution is from AMBAG, SLCOG, SBCAG, SRTA, TRPA. Each agency's cash match contribution is $18,000 (total cash $90,000) and total in-kind match is $20,000. The local cash match for each MPO will be in 2 installments, FY 21/22 and FY 22/23 in the months of late January/early February.

WORK ELEMENT NUMBER 259 **Amendment 2**

Project Description	Develop an Integrated Land Use Monitoring and Development Monitoring Framework/Tool for the 5 Metropolitan Planning Organizations (MPOs): AMBAG, BCAG, SLOCOG, SRTA, and TRPA. The project area covers 34 Cities and 8 Counties. These jurisdictions will be involved throughout this project for model inputs and identifying their needs. The proposed tool would provide new and crucial functionality for RTP/SCS scenario analysis integrated with each MPO's regional travel demand model (RTDM). The proposed tool is essential for "Small 5" MPO to meet scenario analysis and producing various reports as outlined in CARB's revised SCS Draft Guidelines. With consulting assistance, the project will deliver five fully functional integrated land use monitoring and scenario development framework/tool for each MPO.
Project Products	• Agendas, meeting materials, meeting notes, quarterly reports, and invoicing •Develop an Integrated Land Use Model and Development Monitoring Framework /Tool • Final Land Use Model and Development Monitoring Framework Tool technical report for each MPO's model • 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 FTA 5304 grant fund ($550,000) and local cash (90,000) and in-kind match ($20,000).
Previous Accomplishments	n/a
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables		Budget & Completion Date
1	**Administration**	**Administrative Deliverables**	**$**	**21,000**
1	Administration of project to include monthly meetings, reporting, invoicing and project kick-off meeting.	Signed MOU between the MPOs, Project Work Plan, Invoice Review & Approval, Submitted Monthly Invoice Package, Meeting Notes, Quarterly Progress Reports to Caltrans. Project Kick-Off Meeting, Agenda and Public Outreach Materials		6/30/2023
2	**Consultant Procurement**	**Procurement Deliverables**	**$**	**3,000**
2	Consultant Procurement	Develop and solicit RFP, Consultant Selection and Signed Contract		11/30/2021
3	**Research and Recommendations**	**Research Deliverables**	**$**	**85,000**
3	Research and Recommendations with a comparative Analysis of Land use models framework and Implementation Plan Development.	Comparative analysis report of existing MPOs travel models and integration of land use models and development monitoring framework outputs, meeting, presentation. Recommendations for land use model implementation plan and GIS platform recommendation/design for small size MPOs.		1/31/2022
4	**Data Analysis**	**Data Analysis Deliverables**	**$**	**198,500**

4	Data Analysis to identify Existing Land Use Data Conditions. Collection, Compilation, Standardization, Analysis, and Validation of Land Use Data at the Pracel Level (8 counties).	Existing conditions land use data and GAP report. Processed standardized and validated parcel based GIS data.		3/31/2022
5	**Development of Land Use Model Framework**	**Framework Deliverables**	**$**	**143,055**
5	Development of Land Use Model Framework in a GIS platform. Development of Modules for Allocation of Approved Regional Growth Forecast totals. Development of Transportation Modules.	Development of the GIS based land use model tool. Development of the Modules for RGF allocation. Development of the Transportation Modules.		9/31/2022
6	**Development of Interface**	**Interface Deliverables**	**$**	**168,645**
6	Develop interface or module. Integrate land use model output into 5 regional travel demand models. Perform validation test for all land use components for the five regional models. Prepare Technical Report and Users Guide.	Integrated land use model framework for each MPO. Integrate land use model output into 5 regional models for each MPO. Updated 2020 base and future year (2035 and 2045/2050) land use data for the MPO's Travel Demand Model. Perform validation tests for all land use components in the five regional models. Final land use model technical report and Users guide.		6/30/2023
7	**Public/Stakeholder Participation**	**Participation Deliverables**	**$**	**20,800**
7	Public/Stakeholder Participation. Final memo, final project report (high level summary- not technical) and presentation materials. Conduct workshop and training.	Public/Stakeholder Participation Meetings. Final memo, final project report for the land use model tool, Powerpoint presentation and other handouts for workshop. Host workshop and training.		6/30/2023

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 331
AMBAG Community-wide Greenhouse Gas Inventory for Local Jurisdictions Program
Project Manager: Amaury Berteaud

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget:** **$55,800.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	18,341.81	-974	Central Coast Community Energy (3CE)	55,800.00	0
Fringe Benefits	8,620.65	-458			
Indirect	28,337.54	1,431			
Professional Services*	0.00	0			
Supplies	200.00	0			
Printing	200.00	0			
Travel	100.00	0			
Toll Credits	0.00	0			
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**55,800.00**		**TOTAL**	**55,800.00**	0
			% Federal	**0.00**	

*Contracts are as follows: -
None

WORK ELEMENT NUMBER 331 **Amendment 2**

Project Description	• 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
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 105 Community-wide GHG Inventories for the 21 AMBAG jurisdictions covering the time period from the 2005 baseline inventories through the 2018 inventories.
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Step	Description	Completion Date
1	Review the previous GHG inventories for each jurisdictions and reconcile the methodologies and data sources used.	Ongoing
2	Gather the necessary data to complete the Community wide GHG Inventories for each of the Jurisdictions	Ongoing
3	Calculate the 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 Community GHG inventory to each jurisdiction	Ongoing

Task		
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 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 jurisdicrtion and assist staff in using the inventories as part of their climate action planning activities.	Ongoing

Overall Work Program FY 2021 to 2022

Amendment 2

WORK ELEMENT NUMBER 332
Central California Energy Watch technical services
Project Manager: Amaury Berteaud

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $29,638.17**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	9,830.34	-648	SJVCEO 2021-22	29,638.17	-362
Fringe Benefits	4,620.26	-305			
Indirect	15,187.58	591			
Professional Services*	0.00	0			
Supplies	0.00	0			
Printing	0.00	0			
Travel	0.00	0			
Toll Credits	0.00	0			
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**29,638.17**		**TOTAL**	**29,638.17**	-362
			% Federal	**0.00**	

*Contracts are as follows: -
None

WORK ELEMENT NUMBER 332 **Amendment 2**

Project Description	AMBAG is a consultant to the San Joaquin Valley Clean Energy Organization (SJVCEO), conducting outreach and implementing projects as part of the Central California Energy Watch (CCEW) Program in Monterey County. The Central California Energy Watch provides energy efficiency and climate action planning to public agencies throughout the central coast and is administered by the SJVCEO. The CCEW program operates on funding provided through the California Public Utilities Commission (CPUC) and through a thrid party contract between the SJVCEO and Pacific Gas and Electric Company (PG&E).
Project Products	Energy efficiency support in Monterey County for the local government sector. Energy efficiency Education for public sector staff in Monterey County
Federally Eligible Tasks	This is a non-federal work element.
Previous Accomplishments	NA
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Step	**Description**	**Completion Date**
1	Central California Energy Watch outreach.	ongoing
2	Building energy benchmarking campaign.	ongoing
Task		
1	Outreach to public agencies in Monterey County to promote the Central California Energy Watch program.	ongoing
2	Enrol public agencies in the Central California Energy Watch Program and provide benchmparking services.	ongoing

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 343
Regional Early Action Planning - AMBAG Fiscal Agent Administration
Project Manager: Paul Hierling

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget:** **$136,963.13**

EXPENDITURES	**Amount ($)**	**Changes**	**REVENUE**	**Amount ($)**	**Changes**
Salaries	44,266.82	1,828	AB 101 REAP Funding	136,963.13	11,963
Fringe Benefits	20,805.40	859			
Indirect	68,390.91	9,275			
Professional Services*	0.00	0			
Supplies	2,500.00	0			
Printing	0.00	0			
Travel**	1,000.00	0			
Toll Credits	0.00	0			
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**136,963.13**		**TOTAL**	**136,963.13**	11,963
			% Federal	**0.00**	

*Contracts are as follows: -
None

**May include out of state travel.

WORK ELEMENT NUMBER 343 **Amendment 2**

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 directed grant funds to enable the Central Coast Council of Governments' (COGs) to develop a methodology for the 6th Cycle of the Regional Housing Needs Assessment (RHNA) and to be suballocation to assist local jurisdictions in meeting their RHNA goals. This work element will be used to oversee the allocation, management, reporting, invoicing, and administration of the REAP grant suballocations for all cities, counties, and COGs in the Central Coast megaregion. The program will meet the objectives in the legislation, including: • Identifying current best practices for promoting affordable housing • Improving the RHNA methodology used by COGs • Pass through funding for jurisdictions
Project Products	• Fiscal administration of the grant program • Pass through housing planning funding to Central Coast COGs and local jurisdictions • 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.			
Federal Planning Factors (PF)	This is a non federal work element.			
Tasks & Deliverables				
Task	**Description**	**Deliverables**		**Budget & Completion Date**
1		**Administrative Deliverables**	**$**	**60,000**
1.1	As fiscal agent, implement the housing grant planning program including: track and update the project schedule progress reports for HCD as requested.	Reports and invoices to HCD as requested.		Monthly/ Quarterly
1.2	In consultation with the CCHWG and HCD, develop a scope schedule and budget for the program.	Application for funding to HCD, application amendments, scope, schedule and budget updates		6/30/2022
2	**Planning**	**Planning Deliverables**	**$**	**41,963**
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	Administer and oversee 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		6/30/2022
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$**	**2,500**
3.1	Collect and compile data and data analysis.	Data, spreadsheets, tables, GIS layers, etc.		6/30/2022
4	**Coordination**	**Coordination Deliverables**	**$**	**7,500**
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.	Suballocation applications, suballocation application amendments, MOUs, reports and invoices		6/30/2022
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**	**Public Participation Deliverables**	**$**	**25,000**

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

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 344
Regional Early Action Planning Housing Program
Project Manager: Heather Adamson and Paul Hierling

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget:** **$6,895,614.67**

EXPENDITURES	**Amount ($)**	**Changes**	**REVENUE**	**Amount ($)**	**Changes**
Salaries	94,166.33	40,057	AB 101 REAP Funding	6,890,470.91	131,351.91
Fringe Benefits	44,258.18	18,827	SBtCOG's (RIP) Contribution	5,143.76	-2,356.24
Indirect	145,484.16	70,112			
Professional Services*	6,608,706.00	0			
Supplies	1,000.00	0			
Printing	500.00	0			
Travel**	1,500.00	0			
Toll Credits	0.00	0			
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**6,895,614.67**		**TOTAL**	**6,895,614.67**	128,996
			% Federal	**0.00**	

*Contracts are as follows:

Population Reference Bureau	37,238.00	RHNA Assistance
AMBAG Local Jurisdictions	3,100,000.00	Pass through to local jurisdictions in Monterey & Santa Cruz Counties
SBtCOG & Local Jurisdictions	250,000.00	Pass through to SBtCOG & its local jurisdictions
SLOCOG & Local Jurisdictions	1,221,468.00	Pass through to SLOCOG & its local jurisdictions
SBCAG & Local Jurisdictions	2,000,000.00	Pass through to SBCAG & its local jurisdictions

**May include out of state travel.

WORK ELEMENT NUMBER 344 **Amendment 2**

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. In 2020, 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 developed a program that enables the Central Coast Council of Governments (COGs) to develop a methodology for the 6th Cycle of the Regional Housing Needs Assessment (RHNA) and suballocates funds to local jurisdictions to help them meet their RHNA goals. This work element will oversee and implement the framework for suballocating the funding equitably to all the Central Coast COGs and jurisdictions to meet the specific objectives outlined in the legislation which include: • Identifying current best practices for promoting affordable housing • Improving the RHNA methodology used by COGs • Pass through funding for jurisdictions
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 • Best practices report and other regional housing planning efforts
Federally Eligible Tasks	This is a non federal work element.

Previous Accomplishments	Developed a best practices report and passed through housing planning funding to the Central Coast COGs and local jurisdictions			
Federal Planning Factors (PF)	This is a non federal work element.			
Tasks & Deliverables				
Task	**Description**	**Deliverables**		**Budget & Completion Date**
1		**Administrative Deliverables**	**$**	**30,000**
1.1	Track and update the project schedule as well as quarterly progress reports and submit to HCD for necessary action (as needed).	Updated project timeline and scope of work. Monthly and quarterly progress report to HCD	Quarterly	
1.2	Project management of suballocations	Scope, schedule and budgets. Quarterly invoices and reports on suballocation project progress.		Quarterly
2	**Planning**		**$**	**6,716,620**
2.1	Planning which has the potential to accelerate the expansion of the housing stock.	Reporting on project planning, consultant procurement, outlines or progress on draft documents.		Quarterly
2.2	Develop RHNA methodologies, RHNA allocation and other regional housing planning efforts.	Data collection, policy analysis, draft/final RHNA Plan, etc.		6/30/2022
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$**	**105,995**
3.1	Collect and compile data and data analysis.	Data, spreadsheets, tables, GIS layers, etc.		6/30/2022
3.2	Refine housing projections and develop/evaluate potential alternative allocation methodologies.	Data, spreadsheets, technical documentation and graphic materials		6/30/2022
4	**Coordination**	**Coordination Deliverables**	**$**	**30,000**
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**	**Public Participation Deliverables**	**$**	**13,000**
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		Quarterly

Overall Work Program FY 2021 to 2022

Amendment 2

WORK ELEMENT NUMBER 411
Clearinghouse
Project Manager: Miranda Taylor

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $12,000.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
	3,980.14	-211	FHWA PL	10,000.00	0
Fringe Benefits	1,870.67	-99	In-Kind - Toll Credits	1,147.00	0
Indirect	6,149.20	311	FTA 5303	2,000.00	0
Professional Services*	0.00	0	In-Kind - Toll Credits	229.00	0
Supplies	0.00	0	FHWA PL c/o	0.00	0
Printing	0.00	0	In-Kind - Toll Credits	0.00	0
Travel	0.00	0	FTA 5303 c/o	0.00	0
Toll Credits	1,376.00	0	In-Kind - Toll Credits	0.00	0
In-Kind/Non-Federal Local Match	0.00	0	AMBAG General Fund/Cash Contributions	0.00	0
TOTAL	**12,000.00**		**TOTAL**	**12,000.00**	0
			% Federal	**88.53**	

*Contracts are as follows: -
None

WORK ELEMENT NUMBER 411 **Amendment 2**

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.
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1		**Administrative Deliverables**	**$ 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**	**Planning Deliverables**	**$ 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**	**Data Gathering and Analysis Deliverables**	**$ 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**	**Coordination Deliverables**	**$0**
4.1	None		
5	**Public Participation**	**Public Participation Deliverables**	**$ 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

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 502
Regional Analysis & Planning Services, Inc. Administration
Project Manager: Maura Twomey & Errol Osteraa

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget:** **$2,000.00**

EXPENDITURES	**Amount ($)**	**Changes**	**REVENUE**	**Amount ($)**	**Changes**
Salaries	663.36	-35	RAPS	2,000.00	0
Fringe Benefits	311.78	-17			0
Indirect	1,024.87	52			0
Professional Services*	0.00	0			
Supplies	0.00	0			
Printing	0.00	0			
Travel	0.00	0			
Toll Credits	0.00	0			
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**2,000.00**		**TOTAL**	**2,000.00**	0
			% Federal	**0.00**	
*Contracts are as follows:	-				
None					

WORK ELEMENT NUMBER 502 **Amendment 2**

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.
Federal Planning Factors (PF)	This is a non-federal work element.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$ 2,000**
1.1	Prepare RAPS Board meeting agendas, reports and other meeting materials.	Meeting agenda, handouts, notes and action items	6/30/2022
1.2	Bring pertinent information to the AMBAG Board for consideration.	Board memos or verbal communication	6/30/2022
1.3	Prepare financial statements and audits for RAPS.	Financials and audit reports	6/30/2022
2	**Planning**	**Planning Deliverables**	**$0**
2.1	None		
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$0**
3.1	None		
4	**Coordination**		**$0**
4.1	None		
5	**Public Participation**	**Public Participation Deliverables**	**$0**
5.1	None		

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 511
Regional Analysis & Planning Services, Inc. Technical Assistance
Project Manager: Maura Twomey

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $50,000.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	16,583.91	-880	RAPS	50,000.00	0
Fringe Benefits	7,794.44	-414			
Indirect	25,621.65	1,294			
Professional Services*	0.00	0			
Supplies	0.00	0			
Printing	0.00	0			
Travel	0.00	0			
Toll Credits	0.00	0			
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**50,000.00**		**TOTAL**	**50,000.00**	0
			% Federal	**0%**	
*Contracts are as follows:	-				
None					

WORK ELEMENT NUMBER 511 **Amendment 2**

Project Description	Provides technical assistance to government agencies, non-profit organizations and private entities, as requested.
Project Products	Technical assistance, as needed, including reports, maps, graphics and presentations.
Federally Eligible Tasks	This is a non-federal work element.
Previous Accomplishments	Provided technical (GIS, Modeling, Census) services/assistance to various agencies. Prepared sub-area TDM for the City of Salinas. Provided census and forecast data to Soquel Water District, and Santa Cruz County. Prepared Procurement and Human Resource Manuals for the City of Carmel. Prepared Administrative Support Guidebook and provided training to El Dorado County Transportation Commission. Reviewed Accounting and Procurement Procedures for Calaveras Council of Governments (CCOG). Provided the County of San Benito with an Organizational Analysis of its Resource Management Agency. Provided administrative and financial consulting services to the Sacaramento Area Council of Governments (SACOG).
Federal Planning Factors (PF)	This is a non-federal work element.

Tasks & Deliverables

Task	Description	Deliverables		Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$**	**48,500**
1.1	Report activities to RAPS Board of Directors.	Meetings, memos and presentations		6/30/2022
2	**Planning**	**Planning Deliverables**		**$0**
2.1	None			
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$**	**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		6/30/2022
4	**Coordination**			**$0**
4.1	None			

5	Public Participation	Public Participation Deliverables	$0
5.1	None		

Overall Work Program FY 2021 to 2022

Amendment 2

WORK ELEMENT NUMBER 530
Pajaro River Watershed Flood Prevention Authority Administration
Project Manager: Ana Flores & Maura Twomey

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $40,000.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	13,267.13	-704	RAPS	40,000.00	0
Fringe Benefits	6,235.55	-331			
Indirect	20,497.32	1,035			
Professional Services*	0.00	0			
Supplies	0.00	0			
Printing	0.00	0			
Travel	0.00	0			
Toll Credits	0.00	0			
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**40,000.00**		**TOTAL**	**40,000.00**	0
			% Federal	**0%**	

*Contracts are as follows: -
None

WORK ELEMENT NUMBER 530 **Amendment 2**

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
Federal Planning Factors (PF)	This is a non-federal work element.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$ 40,000**
1.1	Prepare Pajaro Board meeting agendas, reports and other meeting materials.	Meeting agenda, handouts, notes and action items	6/30/2022
1.2	Bring pertinent information to the AMBAG Board for consideration.	Board memos or verbal communication	6/30/2022
1.3	Prepare financial statements and audits.	Financials and audit reports	6/30/2022
2	**Planning**	**Planning Deliverables**	**$0**
2.1	None		
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$0**
3.1	None		
4	**Coordination**		**$0**
4.1	None		
5	**Public Participation**	**Public Participation Deliverables**	**$0**
5.1	None		

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 538
Pajaro Regional Flood Management Agency (PRFMA) Contract
Project Manager: Ana Flores & Maura Twomey

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget:** **$19,750.00**

EXPENDITURES	**Amount ($)**	**Changes**	**REVENUE**	**Amount ($)**	**Changes**
Salaries	6,550.65	6,551	RAPS	19,750.00	19,750
Fringe Benefits	3,078.80	3,079			
Indirect	10,120.55	10,121			
Professional Services*	0.00	0			
Supplies	0.00	0			
Printing	0.00	0			
Travel	0.00	0			
Toll Credits	0.00	0			
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**19,750.00**		**TOTAL**	**19,750.00**	19,750
			% Federal	**0%**	
*Contracts are as follows:	-				
None					

WORK ELEMENT NUMBER 538 **Amendment 2**

Project Description	RAPS, Inc. will provide Clerk of the Board and administrative services to the PRFMA, including: 1. Agency set up, administration and coordination 2. Agenda preparation, processing, posting and distribution 3. Meeting management 4. General administrative services 5. Fair Political Practices Commission (FPPC) requirements administration
Project Products	Agendas, minutes, distribution lists, online postings, protocols, records and reports.
Federally Eligible Tasks	This is a non-federal work element.
Previous Accomplishments	None
Federal Planning Factors (PF)	This is a non-federal work element.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$ 19,750**
1.1	Establish Board member distribution list, public distribution lists and staff distribution list; Create roll call sheet, draft staff memo, draft agenda and ADA compliance protocol.	Meeting agenda, distribution lists, roll call sheet, memos, ADA compliance protocol	6/30/2022
1.2	Website Services: post list of staff members, contact info, meeting schedule; Logo; Meeting Schedule	Website postings, logo and meeting schedule	6/30/2022
1.3	Establish document management protocols	Document management protocols	6/30/2022
1.4	Prepare draft agenda	Draft agenda	6/30/2022
1.5	Prepare final agenda package and process for ADA compliance	Final agenda package and process for ADA compliance	6/30/2022
1.6	Distribute and post final agenda package	Agenda distribution and website posting	6/30/2022
1.7	Provide setup & breakdown of meeting site	Setup & breakdown of meeting site	6/30/2022
1.8	Provide Clerk of the Board services including taking and preparation of Minutes, recording and document management.	Minutes, recordings and document management	6/30/2022

1.9	Prepare, process and distribute correspondence, maintain files and related work	Correspondence and maintenance of files	6/30/2022
1.10	Format, process and distribute reports	Reports	6/30/2022
1.11	Create online portal, distribute notices and coordination	Online portal and distribution of notices	6/30/2022
1.12	Liaison with FPPC as necessary	Liaison with FPPC	6/30/2022
2	**Planning**	**Planning Deliverables**	**$0**
2.1	None		
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$0**
3.1	None		
4	**Coordination**		**$0**
4.1	None		
5	**Public Participation**	**Public Participation Deliverables**	**$0**
5.1	None		

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 606
Sustainable Communities Planning (FY 2020-2021)
Project Manager: Heather Adamson

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget:** **$82,039.83**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	27,210.83	3,538	SB1 Formula & Competitive Grants (FY 2020-21)	72,629.86	12,629.86
Fringe Benefits	12,789.09	1,663	FHWA PL	9,409.97	1,636.33
Indirect	42,039.91	9,065			
Professional Services*	0.00	0			
Supplies	0.00	0			
Printing	0.00	0			
Travel**	0.00	0			
Toll Credits	0.00	0			
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**82,039.83**		**TOTAL**	**82,039.83**	14,266
			% Federal	**11.47**	

*Contracts are as follows: None

** May include out of state travel.

WORK ELEMENT NUMBER 606 **Amendment 2**

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.
Project Products	• Develop draft 2020/2045 land use and opportunity area maps. • Performance measures and analysis for the draft SCS.

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 final draft regional growth forecast.
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables		Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$**	**4,000**
1.1	Track and update the project schedule monthly and prepare monthly as well as quarterly progress reports and submit to Caltrans for necessary action.	Updated project timeline and scope of work. Monthly and quarterly progress report to Caltrans		Monthly/Quarterly
2	**Planning**	**Planning Deliverables**	**$**	**40,000**
2.1	Attend local, state and regional agency meetings/workshops/seminars pertaining to transportation, land use, housing, habitat, economic, climate adaptation, sustainability, or air quality planning activities as well as issues to enhance staff skills and greater participation and or coordination.	Training materials, meeting agendas, handouts, notes and presentations at AMBAG Board and other policy board meetings		Monthly
2.2	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		11/30/2021
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$**	**30,766**
3.1	Collect and compile data (public health, environmental justice, disadvantaged communities, housing, habitat, natural resources, farmland, transportation, etc.) and data analysis.	Data, spreadsheets, tables, GIS layers, etc.		12/31/2021
3.3	Update GIS database, maps, graphs and charts for the SCS and local jurisdictions.	GIS database, maps, graphs and charts		12/31/2021
4	**Coordination**	**Coordination Deliverables**	**$**	**5,774**
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		12/31/2021

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 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**	**Public Participation Deliverables**	**$ 1,500**
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

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 607
Sustainable Communities Planning (FY 2021-2022)
Project Manager: Heather Adamson

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget:** **$361,296.74**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	110,713.12	-4,174	SB1 Formula & Competitive Grants (FY 2021-2022)	319,856.00	4,319.00
Fringe Benefits	52,035.17	-1,962	AB 101 REAP Funding	41,440.74	559.57
Indirect	171,048.45	11,014			
Professional Services*	0.00	0			
Supplies	12,500.00	0			
Printing	5,000.00	0			
Travel**	10,000.00	0			
Toll Credits	0.00	0			
In-Kind/Non-Federal Local Match	0.00	0			
TOTAL	**361,296.74**		**TOTAL**	**361,296.74**	4,879
			% Federal	**0.00**	

*Contracts are as follows:
None

** May include out of state travel.

WORK ELEMENT NUMBER 607 **Amendment 2**

Project Description	This work element will conduct local and regional multimodal transportation and land use planning that further the AMBAG's MTP/SCS, contribute to the State's GHG reduction goals, targets and other sustainability goals. Under this work element, AMBAG staff will work with local jurisdictions, transportation partner agencies, Caltrans and key stakeholders to develop and implement key components and strategies of the MTP/SCS. AMBAG will collaborate with local jurisdictions to provide various plans, strategies and data that will be used in the AMBAG MTP/SCS. Additionally, task included in this work element include updating the draft regional growth forecast.
Project Products	• Develop final 2020/2045 land use and opportunity area maps. • Develop final SCS • Climate action strategies and actions

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.
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables		Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$**	**12,500**
1.1	Track and update the project schedule monthly and prepare monthly as well as quarterly progress reports and submit to Caltrans for necessary action.	Updated project timeline and scope of work. Monthly and quarterly progress report to Caltrans		Monthly/ Quarterly
2	**Planning**	**Planning Deliverables**	**$**	**250,000**
2.1	Attend local, state and regional agency meetings/workshops/seminars pertaining to transportation, land use, housing, habitat, economic, climate adaptation, sustainability, or air quality planning activities as well as issues to enhance staff skills and greater participation and/ or coordination.	Training materials, meeting agendas, handouts, notes and presentations at AMBAG Board and other policy board meetings		Monthly
2.2	Finalize the land use scenarios and mapping for the final SCS.	Data collection, mapping and land use scenarios		5/31/2022
2.3	Develop, conduct and participate in climate action planning, advanced mitigation, adaptation planning, VMT reduction/mitigation activities to help support the SCS.	Meeting agendas, technical documentation, presentations, handouts, meeting notes and action items		4/30/2022
2.4	Update general plan land use/housing element(s), policies, or zoning code that increases development/housing opportunities near key transportation corridors/areas.	Meeting agendas, technical documentation, presentations, handouts, meeting notes and action items		6/30/2022
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$**	**63,797**
3.1	Collect and compile data (public health, environmental justice, disadvantaged communities, housing, habitat, natural resources, farmland, transportation, etc.) and data analysis.	Data, spreadsheets, tables, GIS layers, etc.		6/30/2022
3.2	Develop GIS database, maps, graphs and charts for the SCS and local jurisdictions.	GIS database, maps, graphs and charts		6/30/2022
4	**Coordination**	**Coordination Deliverables**	**$**	**25,000**

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	6/30/2022
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, 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**	**Public Participation Deliverables** **$**	**10,000**
5.1	Sustainable Communities Strategy meetings.	Meeting agendas, presentations, handouts, meeting notes and action items	Quarterly
5.2	Coordination meetings with partner agencies.	Meeting agendas, presentations, handouts, meeting notes and action items	Monthly

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 610
Transportation Performance Management (TPM)
Project Manager: Paul Hierling

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $45,000.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	14,428.00	-766	FHWA PL	36,500.00	0
Fringe Benefits	6,781.16	-360	In-Kind - Toll Credits	4,187.00	0
Indirect	22,290.83	1,126	FTA 5303	8,500.00	0
Professional Services*	0.00	0	In-Kind - Toll Credits	975.00	0
Supplies	0.00	0	FHWA PL c/o		
Printing	0.00	0	In-Kind - Toll Credits		
Travel**	1,500.00	0	FTA 5303 c/o		
Toll Credits	5,162.00	0	In-Kind - Toll Credits		
In-Kind/Non-Federal Local Match	0.00	0	AMBAG General Fund		
TOTAL	**45,000.00**		**TOTAL**	**45,000.00**	0
			% Federal	**88.53**	

*Contracts are as follows:
None

** May include out of state travel.

WORK ELEMENT NUMBER 610 **Amendment 2**

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.
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$ 3,000**
1.1	Monitor, report and provide support for development of TPM measures.	Compile information and State and Federal reporting	6/30/2022
1.2	Development of Transportation Performance Management (TPM) project tasks, deliverables and budget for FY 2022-23.	Tasks, deliverables and budget	4/16/2022
2	**Planning**	**Planning Deliverables**	**$ 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		4/30/2022
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		6/30/2022
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$**	**23,000**
3.1	Collect and compile performance monitoring indicator data (safety, transportation infrastructure, system reliability, congestion, economic vitality, environmental sustainability, and freight movement data) for reference. This will include data collection from the National Performance Management Research Data Set and associated analysis. Regional performance target setting.	Regional measures and targets.		5/29/2022
4	**Coordination**	**Coordination Deliverables**	**$**	**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		6/30/2022
4.2	Attend and participate in meetings, webinars and working groups.	Agendas, handouts and follow-up actions		5/29/2022
5	**Public Participation**	**Public Participation Deliverables**	**$**	**1,000**
5.1	Provide performance measure information and data for use by government agencies and members of the public.	Data availability		Quarterly

Overall Work Program FY 2021 to 2022

Amendment 2

WORK ELEMENT NUMBER 621
Elderly & Disabled & Americans with Disabilities Act
Project Manager: Miranda Taylor

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $39,100.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	12,139.42	-644	FHWA PL	29,100.00	0
Fringe Benefits	5,705.53	-303	In-Kind - Toll Credits	3,338.00	0
Indirect	18,755.05	947	FTA 5303	10,000.00	0
Professional Services*	0.00	0	In-Kind - Toll Credits	1,147.00	0
Supplies	1,000.00	0	FHWA PL c/o	0.00	0
Printing	500.00	0	In-Kind - Toll Credits	0.00	0
Travel**	1,000.00	0	FTA 5303 c/o	0.00	0
Toll Credits	4,485.00	0	In-Kind - Toll Credits	0.00	0
In-Kind/Non-Federal Local Match	0.00	0	AMBAG General Fund/Cash Contributions	0.00	0
TOTAL	**39,100.00**		**TOTAL**	**39,100.00**	0
			% Federal	**88.53**	

*Contracts are as follows:
None

** May include out of state travel.

WORK ELEMENT NUMBER 621 **Amendment 2**

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. '• Draft 2022 Coordinated Plan • 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.
Federal Planning Factors (PF)	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.

Enhance travel and tourism.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$ 4,500**
1.1	Meetings, emails, and phone calls with project partners and stakeholders.	Correspondence and meeting minutes	6/30/2022
1.2	Develop tasks, deliverables and budget for FY 2022-23	Correspondence and meeting minutes	4/16/2022
2	**Planning**	**Planning Deliverables**	**$ 14,500**
2.1	Develop the Draft 2022 Coordinated Plan.	Draft 2022 Coordinated Plan	6/30/2022
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$ 9,600**
3.1	Update maps and demographic data for the Coordinated Plan.	Updated maps and data	Ongoing
4	**Coordination**	**Coordination Deliverables**	**$ 6,000**
4.1	Participate in ad hoc and advisory committees of the RTPAs and AMBAG.	Meeting agenda, handouts, notes and action items	6/30/2022
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	6/30/2022
5	**Public Participation**	**Public Participation Deliverables**	**$ 4,500**
5.1	Participate in public meetings on issues related to the Coordinated Plan.	Outreach materials	6/30/2022

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WORK ELEMENT NUMBER 622
Metropolitan Transportation Planning
Project Manager: Heather Adamson

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $522,941.92**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	95,504.07	-11,724	FHWA PL	183,363.67	-1,636.33
Fringe Benefits	44,886.92	-5,510	In-Kind - Toll Credits	21,032.00	-188.00
Indirect	147,550.93	-1,814	FTA 5303	49,990.00	0.00
Professional Services*	210,000.00	0	In-Kind - Toll Credits	5,734.00	0.00
Supplies	10,000.00	0	FHWA PL c/o	155,988.48	-44,011.52
Printing	5,000.00	0	In-Kind - Toll Credits	17,892.00	-5,048.00
Travel**	10,000.00	0	FTA 5303 c/o	0.00	0.00
Toll Credits	44,658.00	-5,236	In-Kind - Toll Credits	0.00	0.00
In-Kind/Non-Federal Local Match	0.00	0	RTPA Cash Contributions	133,599.77	26,599.77
TOTAL	**522,941.92**	-19,048	**TOTAL**	**522,941.92**	-19,048.08
			% Federal	**65.91**	

*Contracts are as follows:
(1) Sohagi Law Group 50,000.00
To receive legal professional services for the preparation of the MTP environmental document $75,000.00 ($3K for FY20, $22K for FY21 & $50K for FY22
(2) Rincon Consultants 160,000.00
EIR Consultant, $235,000.00 ($15K for FY20, $50K for FY21, $160K for FY22

WORK ELEMENT NUMBER 622 **Amendment 2**

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, draft project lists, data collection for forecast, charts, graphs, etc.
Federally Eligible Tasks	All tasks listed below and deliverables are federally eligible.
Previous Accomplishments	Past accomplishments include updated vision, goals and performance measures, preparation of draft 2045 MTP/SCS scenarios, virtual public workshops and presentation at technical/stakeholder meetings, and EIR notice of preparation released.
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables		Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$**	**40,000**
1.1	MTP/SCS Working Group and Executive Steering Committee meetings.	Meeting agendas, presentations, handouts, meeting notes and action items		Monthly
1.2	Develop project tasks, deliverables and budget for FY2022-23	Tasks, deliverables and budget for FY 2021-22		4/16/2022
2	**Planning**	**Planning Deliverables**	**$**	**300,942**
2.1	Evaluate scenarios and data analysis for the MTP/SCS and EIR.	Scenarios data sets for RTDM and analysis		8/31/2021
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/SCS.	Policies ready for incorporation into general plans and zoning ordinances		6/30/2022
2.6	Develop the draft 2045 MTP/SCS and EIR documents.	Draft 2045 MTP/SCS and Draft EIR		11/30/2021
2.7	Develop the final 2045 MTP/SCS and EIR documents.	Final 2045 MTP/SCS and Final EIR		6/30/2022
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$**	**100,000**

3.1	Develop maps, graphs and charts in support of the 2045 MTP/SCS.	Maps, graphs and charts		6/30/2022
3.2	Evaluate scenarios and data analysis for the MTP/SCS and EIR.	Data analysis and performance measures		6/30/2022
3.3	Maintain and update the transportation project database.	Telus database		Quarterly review and updates
4	**Coordination**	**Coordination Deliverables**	**$**	**57,000**
4.1	Coordinate with regional and local agencies to develop the 2045 MTP/SCS.	Meeting agendas, presentations, handouts, meeting notes and action items for 12-15 meetings		Monthly
4.2	Conduct Planning Directors Forum meetings.	Meeting agendas, presentations, handouts, meeting notes and action items for 3-6 meetings		Quarterly
4.3	Coordination meetings with partner agencies.	Meeting agendas, presentations, handouts, meeting notes and action items for 9 - 12 meetings		Monthly
5	**Public Participation**	**Public Participation Deliverables**	**$**	**25,000**
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		6/30/2022
5.2	Hold public workshops on the Draft 2045 MTP/SCS and EIR	Meeting notice, materials and notes		2/28/2022

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Amendment 2

WORK ELEMENT NUMBER 624
San Benito County Regional Transportation Planning
Project Manager: Heather Adamson

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $27,650.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	8,922.15	-474	FHWA PL	27,650.00	0
Fringe Benefits	4,193.41	-223	In-Kind - Toll Credits	3,171.00	0
Indirect	13,784.45	696	FTA 5303	0.00	0
Professional Services*	0.00	0	In-Kind - Toll Credits	0.00	0
Supplies	0.00	0	FHWA PL c/o	0.00	0
Printing	0.00	0	In-Kind - Toll Credits	0.00	0
Travel**	750.00	0	FTA 5303 c/o	0.00	0
Toll Credits	3,171.00	0	In-Kind - Toll Credits	0.00	0
In-Kind/Non-Federal Local Match	0.00	0	AMBAG General Fund/Cash Contributions	0.00	0
TOTAL	**27,650.00**		**TOTAL**	**27,650.00**	0
			% Federal	**88.53**	

*Contracts are as follows:
None

** May include out of state travel.

WORK ELEMENT NUMBER 624 **Amendment 2**

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, draft project lists, 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.

Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$ 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 FY 2022-23		4/16/2022
2	**Planning**	**Planning Deliverables**	**$**	**9,000**
2.1	Evaluate scenarios and data analysis for the MTP/SCS and EIR.	Scenarios data sets for RTDM and analysis		8/31/2021
2.2	Work with local jurisdictions to develop and incorporate new policies in their general/specific plans/ordinances that help achieve the goals of the MTP/SCS.	Policies ready for incorporation into general plans and zoning ordinances		6/30/2022
2.3	Develop the draft 2045 MTP/SCS and EIR documents.	Draft 2045 MTP/SCS and Draft EIR		11/30/2021
2.4	Develop the final 2045 MTP/SCS and EIR documents.	Final 2045 MTP/SCS and Final EIR		6/30/2022
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$**	**6,000**
3.1	Develop maps, graphs and charts in support of the 2045 MTP/SCS.	Maps, graphs and charts		6/30/2022
3.2	Evaluate scenarios and data analysis for the MTP/SCS and EIR.	Data analysis and performance measures		6/30/2022
3.3	Maintain and update the transportation project database.	Telus database		Quarterly review and updates
4	**Coordination**	**Coordination Deliverables**	**$**	**7,650**
4.1	Coordinate with regional and local agencies to develop the 2045 MTP/SCS.	Meeting agendas, presentations, handouts, meeting notes and action items for 12-15 meetings		Monthly
4.2	Conduct Planning Directors Forum meetings.	Meeting agendas, presentations, handouts, meeting notes and action items for 3-6 meetings		Quarterly
4.3	Coordination meetings with partner agencies.	Meeting agendas, presentations, handouts, meeting notes and action items for 9 - 12 meetings		Monthly
5	**Public Participation**	**Public Participation Deliverables**	**$**	**2,500**
5.1	Continue to provide updates on the progress of planning projects included the adopted 2040 MTP/SCS and the 2045 MTP/SCS currently under development in public forums.	Meeting agendas, presentations, handouts, meeting notes and action items		6/30/2022
5.2	Hold public workshops on the Draft 2045 MTP/SCS and EIR	Meeting notice, materials and notes		2/28/2022

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 641
Metropolitan Transportation Improvement Program (MTIP)
Project Manager: Sasha Tepedelenova

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $194,000.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	63,350.55	-3,363	FHWA PL	158,000.00	0
Fringe Benefits	29,774.76	-1,581	In-Kind - Toll Credits	18,123.00	0
Indirect	97,874.70	4,944	FTA 5303	36,000.00	0
Professional Services*	0.00	0	In-Kind - Toll Credits	4,129.00	0
Supplies	1,500.00	0	FHWA PL c/o	0.00	0
Printing	500.00	0	In-Kind - Toll Credits	0.00	0
Travel**	1,000.00	0	FTA 5303 c/o	0.00	0
Toll Credits	22,252.00	0	In-Kind - Toll Credits	0.00	0
In-Kind/Non-Federal Local Match	0.00	0	AMBAG General Fund/Cash Contributions	0.00	0
TOTAL	**194,000.00**		**TOTAL**	**194,000.00**	0
			% Federal	**88.53**	

*Contracts are as follows:
None

** May include out of state travel.

WORK ELEMENT NUMBER 641 **Amendment 2**

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 2020-21 to FFY 2023-24 and the MTIP for FFY 2022-23 to FFY 2025-26. 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 2020-21 to FFY 2023-24 and to develop the MTIP for FFY 2022-23 to FFY 2025-26 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. As part of this work element, AMBAG will program eligible Native American Tribes in the Region. Under this Work Element, staff will identify and incorporate the Transportation Performance Management (TPM) measure analysis framework 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.
Project Products	• Five 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, 2021 • 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 2020-21 to FFY 2023-24. • Issued eighteen (18) formal amendments and administrative modifications 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 2019-20. • Attended six (6) CFPG meetings. • Attended six (6) TAC meetings.
Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$ 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 2022-23 to FFY 2025-26 MTIP.	Meeting agendas, presentations materials and email exchange	5/15/2022
1.2	Make at least two presentations at the TAC/ITAC meetings (TAMC and SCCRTC) for MTIP update.	Staff reports, presentation materials and handouts	5/4/2022
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	5/15/2022
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	Attend the 2023 FTIP/FSTIP development workshop in Sacramento.	Meeting notes and follow-up items	3/1/2022
1.8	Enter MTIP projects for the Monterey Bay Region in CTIPS and develop draft MTIP document for FFY 2022-23 to FFY 2025-26.	CTIPS entries and draft MTIP document	6/15/2022
2	**Planning**	**Planning Deliverables**	**$ 38,000**

2.1	Solicit MTIP Formal Amendment and Administrative Modification requests.	Amendment requests		Quarterly
2.2	Program MTIP amendment projects into CTIPS.	CTIPS programming pages and amendment packages		Quarterly
2.3	Prepare group backup listings.	Group backup listings		Quarterly
2.4	Solicit from partner agencies projects for inclusion in the MTIP for FFY 2022-23 to FFY 2025-26	Projects for the MTIP for FFY 2020-21 to FFY 2023-24		5/2/2022
2.5	Participate in various webinars/meetings pertaining to Performance Measures in relation to next MTIP development and reporting requirements.	Meetings/Webinars/Handouts		Monthly/ Quarterly
2.6	Incorporate the state and regional TPM framework in the MTIP in cooperation with federal, state and local partners.	TPM analysis report for MTIP projects.		Quarterly
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$**	**92,508**
3.1	Prepare MTIP financial constraint summary tables.	Financial Constraint Summary Tables		6/15/2022
3.2	Coordinate Formal Amendment/Administrative Modification requests with local jurisdictions.	Four formal amendments and ten administrative modifications		Monthly
3.3	Prepare financial tables for each Formal Amendment of the MTIP.	Updated financial tables to go with formal amendments		Quarterly
3.4	Prepare federally mandated MTIP reports.	Annual report and other reports/web posting		12/31/2021
3.5	Publish FY 2020-21 annual list of obligated projects for the AMBAG Region.	Annual list of obligated projects report		12/31/2021
3.6	Update projects for MTIP FFY 2022-23 to FFY 2025-26 in CTIPS.	Draft projects for the MTIP FFY 2022-23 to FFY 2025-26		Monthly/ Quarterly
4	**Coordination**	**Coordination Deliverables**	**$**	**34,492**
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**	**Public Participation Deliverables**	**$**	**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

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 642
San Benito Transportation Improvement Program
Project Manager: Sasha Tepedelenova

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $13,500.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	4,477.66	-238	FHWA PL	13,500.00	0
Fringe Benefits	2,104.50	-112	In-Kind - Toll Credits	1,548.00	0
Indirect	6,917.84	349	FTA 5303	0.00	0
Professional Services*	0.00	0	In-Kind - Toll Credits	0.00	0
Supplies	0.00	0	FHWA PL c/o	0.00	0
Printing	0.00	0	In-Kind - Toll Credits	0.00	0
Travel	0.00	0	FTA 5303 c/o	0.00	0
Toll Credits	1,548.00	0	In-Kind - Toll Credits	0.00	0
In-Kind/Non-Federal Local Match	0.00	0	AMBAG General Fund/Cash Contributions	0.00	0
TOTAL	**13,500.00**		**TOTAL**	**13,500.00**	0
			% Federal	**88.53**	

*Contracts are as follows:
None

WORK ELEMENT NUMBER 642 **Amendment 2**

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 2020-21 to FFY 2023-24 and the MTIP for FFY 2022-23 to FFY 2025-26. 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 2020-21 to FFY 2023-24 and develop, adopt and maintain the MTIP for FFY 2022-23 to 2025-26, which include projects from San Benito County as part of the metropolitan transportation planning requirements.

Project Products	• Five 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, 2021 • 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 2020-21 to FFY 2023-24. • Issued eighteen (18) formal amendments and administrative modifications to the Monterey Bay MTIP for 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 2019-20. • Attended three (3) TAC meetings.

Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables	Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$ 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 2022-23 to FFY 2025-26 MTIP.	Meeting agendas, presentations materials and email exchange	6/30/2022
1.2	Make a presentation at the San Benito TAC meeting for MTIP update and provide necessary guidance.	Staff reports, presentation materials and handouts	5/4/2022
1.3	Review and provide transit agencies the project consistency certification for FTA funds.	Certificate/letter for grant applications	6/30/2022

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, delieverables and budget for FY 2022-23 in consultation with SBtCOG.	Scope of work, tasks, delieverables and budget		4/15/2022
1.6	Enter the San Benito County projects for the Monterey Bay Region MTIP in CTIPS and develop draft MTIP document for FFY 2022-23 to FFY 2025-26.	CTIPS entries and draft MTIP document		6/30/2022
2	**Planning**	**Planning Deliverables**	**$**	**4,247**
2.1	Solicit MTIP Formal Amendment and Administrative Modification requests.	Amendment requests		Quarterly
2.2	Program MTIP amendment projects into CTIPS.	CTIPS programming pages and amendment packages		Quarterly
2.3	Prepare group backup listings.	Group backup listings		Quarterly
2.4	Participate in various webinars/meetings pertaining to Performance Measures in relation to next MTIP development and reporting requirements.	Meetings/Webinars/Handouts		6/30/2022
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$**	**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 2020-21 annual list of obligated projects for the AMBAG Region.	Annual list of obligated projects report		12/31/2021
3.4	Update projects for MTIP FFY 2022-23 to FFY 2025-26 in CTIPS.	Draft projects for the MTIP FFY 2022-23 to FFY 2025-26		6/30/2022
4	**Coordination**	**Coordination Deliverables**	**$**	**1,177**
4.1	Attend monthly TAC meetings of San Benito COG.	At least 3 meetings, attendance, and presentations		Monthly
4.2	Coordinate MTIP amendment process with RTPAs and project implementing agencies.	Agenda, email, handouts etc.		Quarterly
5	**Public Participation**	**Public Participation Deliverables**	**$**	**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

Overall Work Program FY 2021 to 2022 **Amendment 2**

WORK ELEMENT NUMBER 680
Rail Planning/Corridor Studies
Project Manager: Paul Hierling

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE: FY 2021 to 2022 **Total Budget: $40,000.00**

EXPENDITURES	Amount ($)	Changes	REVENUE	Amount ($)	Changes
Salaries	12,935.45	-687	FHWA PL	30,000.00	0
Fringe Benefits	6,079.66	-323	In-Kind - Toll Credits	3,441.00	0
Indirect	19,984.89	1,010	FTA 5303	10,000.00	0
Professional Services*	0.00	0	In-Kind - Toll Credits	1,147.00	0
Supplies	0.00	0	FHWA PL c/o	0.00	0
Printing	0.00	0	In-Kind - Toll Credits	0.00	0
Travel	1,000.00	0	FTA 5303 c/o	0.00	0
Toll Credits	4,588.00	0	In-Kind - Toll Credits	0.00	0
In-Kind/Non-Federal Local Match	0.00	0	AMBAG General Fund/Cash Contributions	0.00	0
TOTAL	**40,000.00**		**TOTAL**	**40,000.00**	0
			% Federal	**88.53**	

*Contracts are as follows:
None

WORK ELEMENT NUMBER 680 **Amendment 2**

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, US 101 Business Plan, 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.

Federal Planning Factors (PF)	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.

Tasks & Deliverables

Task	Description	Deliverables		Budget & Completion Date
1	**Administrative**	**Administrative Deliverables**	**$**	**3,500**
1.1	Monitor rail, multimodal, and highway corridor planning activities, attend meetings and update other government agencies on plans.	Meeting agenda, handouts, notes and action items		Quarterly
2	**Planning**	**Planning Deliverables**	**$**	**16,500**
2.1	Provide a regional forum for discussion on inter-county connections for future rail projects.	Meeting agenda, handouts, notes and action items		6/30/2022

2.2	Review technical studies, concept scenario evaluations and environmental considerations for partner projects and provide feedback.	Technical memoranda and feedback on planning studies		6/30/2022
3	**Data Gathering and Analysis**	**Data Gathering and Analysis Deliverables**	**$**	**3,500**
3.1	Provide data and/or analysis of partner agencies' corridor studies and plans.	Data sets and analysis		6/30/2022
4	**Coordination**	**Coordination Deliverables**	**$**	**16,500**
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		6/30/2022
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		6/30/2022
4.3	Work with Santa Cruz County Public Works, Army Corps, Caltrans and others on the Pajaro River Flood Control Project. This involves work on at least three bridges including possibly replacing the Highway 1 bridge over the Pajaro River.	Meeting coordination, attendance and provide feedback		5/26/2022
5	**Public Participation**	**Public Participation Deliverables**		**$0**
5.1	None.			

Table A: Sources of Funds By Work Element: FY 2021-2022

WE #	Project Title	Local	FHWA PL		FHWA PL Carryover		FTA 5303		FTA 5303 Carryover		FTA 5304 (FY 2021-22 STP Grant Program)		SB 1 Sustainable Communities (SC) (FY 2021-22)		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*	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		78,950.00	9,056.00			18,000.00	2,065.00															11,121.00	96,950.00
112	Transportation Plans Coordination and Interagency Liaison	2,000.00	190,000.00	21,793.00			44,000.00	5,047.00															26,840.00	236,000.00
113	Public Participation Plan		30,000.00	3,441.00			7,500.00	860.00															4,301.00	37,500.00
122	Water-Related Plans Coordination and Interagency Liaison	10,000.00																						10,000.00
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	2,000.00	133,000.00	15,255.00			59,000.00	6,767.00	76,857.79	8,816.00													30,838.00	270,857.79
251	Regional Travel Demand Model (RTDM)		302,000.00	34,639.00	150,000.00	17,205.00	80,000.00	9,176.00															61,020.00	532,000.00
257	Central Coast Supra-Regional Activity-Based Model Framework	52,313.00																						52,313.00
259	Integrated Land Use Model and Development Monitoring Framework Tool	90,000.00									550,000.00										20,000.00			640,000.00
331	AMBAG Community-wide Greenhouse Gas Inventory for Local Jurisdictions Program																				55,800.00			55,800.00
332	Central California Energy Watch technical services																				29,638.17			29,638.17
343	Regional Early Action Planning - AMBAG Fiscal Agent Administration																				136,963.13	AB 101 REAP		136,963.13
344	Regional Early Action Planning Housing Program																				6,895,614.67	AB 101 REAP		6,895,614.67
411	Clearinghouse		10,000.00	1,147.00	,		2,000.00	229.00															1,376.00	12,000.00
502	Regional Analysis & Planning Services, Inc. Administration																				2,000.00			2,000.00
511	Regional Analysis & Planning Services, Inc. Technical Assistance																				50,000.00			50,000.00
530	Pajaro River Watershed Flood Prevention Authority Administration																				40,000.00			40,000.00
538	Pajaro Regional Flood Management Agency (PRFMA) Contract																				19,750.00			19,750.00
606	Sustainable Communities Planning (FY 2020-2021)		9,409.97												72,629.86	9,409.97	FHWA							82,039.83
607	Sustainable Communities Planning (FY 2021-2022)												319,856.00								41,440.74	AB 101 REAP		361,296.74
610	Transportation Performance Management (TPM)		36,500.00	4,187.00			8,500.00	975.00															5,162.00	45,000.00
621	Elderly & Disabled & Americans with Disabilities Act		29,100.00	3,338.00			10,000.00	1,147.00															4,485.00	39,100.00
622	Metropolitan Transportation Planning	133,599.77	183,363.67	21,032.00	155,988.48	17,892.00	49,990.00	5,734.00															44,658.00	522,941.92
624	San Benito County Regional Transportation Planning		27,650.00	3,171.00																			3,171.00	27,650.00
641	Metropolitan Transportation Improvement Program (MTIP)		158,000.00	18,123.00			36,000.00	4,129.00															22,252.00	194,000.00
642	San Benito Transportation Improvement Program		13,500.00	1,548.00																			1,548.00	13,500.00
680	Rail Planning/Corridor Studies		30,000.00	3,441.00			10,000.00	1,147.00															4,588.00	40,000.00
	Total	**289,912.77**	**1,231,473.64**	**140,171.00**	**305,988.48**	**35,097.00**	**324,990.00**	**37,276.00**	**76,857.79**	**8,816.00**	**550,000.00**		**319,856.00**	-	**72,629.86**	**9,409.97**		-	-		**7,291,206.71**		**221,360.00**	**10,442,915.24**

*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 2021-2022

WE #		AMBAG	Contractor	Local Match*	Total (Excluding Local Match)
101	Overall Work Program, Budget and Administration	96,950.00	-	11,121.00	96,950.00
112	Transportation Plans Coordination and Interagency Liaison	236,000.00	-	26,840.00	236,000.00
113	Public Participation Plan	37,500.00	-	4,301.00	37,500.00
122	Water-Related Plans Coordination and Interagency Liaison	10,000.00	-	-	10,000.00
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	270,857.79	-	30,838.00	270,857.79
251	Regional Travel Demand Model (RTDM)	432,000.00	100,000.00	61,020.00	532,000.00
257	Central Coast Supra-Regional Activity-Based Model Framework	41,982.00	10,331.00	-	52,313.00
259	Integrated Land Use Model and Development Monitoring Framework Tool	90,000.00	550,000.00	20,000.00	640,000.00
331	AMBAG Community-wide Greenhouse Gas Inventory for Local Jurisdictions Program	55,800.00	-	-	55,800.00
332	Central California Energy Watch technical services	29,638.17	-	-	29,638.17
343	Regional Early Action Planning - AMBAG Fiscal Agent Administration	136,963.13	-	-	136,963.13
344	Regional Early Action Planning Housing Program	286,908.67	6,608,706.00	-	6,895,614.67
411	Clearinghouse	12,000.00	-	1,376.00	12,000.00
502	Regional Analysis & Planning Services, Inc. Administration	2,000.00	-	-	2,000.00
511	Regional Analysis & Planning Services, Inc. Technical Assistance	50,000.00	-	-	50,000.00
530	Pajaro River Watershed Flood Prevention Authority Administration	40,000.00	-	-	40,000.00
538	Pajaro Regional Flood Management Agency (PRFMA) Contract	19,750.00			19,750.00
606	Sustainable Communities Planning (FY 2020-2021)	82,039.83	-		82,039.83
607	Sustainable Communities Planning (FY 2021-2022)	361,296.74			361,296.74
610	Transportation Performance Management (TPM)	45,000.00		5,162.00	45,000.00
621	Elderly & Disabled & Americans with Disabilities Act	39,100.00		4,485.00	39,100.00
622	Metropolitan Transportation Planning	312,941.92	210,000.00	44,658.00	522,941.92
624	San Benito County Regional Transportation Planning	27,650.00		3,171.00	27,650.00
641	Metropolitan Transportation Improvement Program (MTIP)	194,000.00		22,252.00	194,000.00
642	San Benito Transportation Improvement Program	13,500.00		1,548.00	13,500.00
680	Rail Planning/Corridor Studies	40,000.00		4,588.00	40,000.00
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Total		**2,963,878.24**	**7,479,037.00**	**241,360.00**	**10,442,915.24**

**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 2021-2022

		AMBAG	Carryover	FTA 5304	TOTAL
I.	**FTA Sec. 5303 - FY 2021-2022**				
101	Overall Work Program, Budget and Administration	18,000.00	0.00		18,000.00
112	Transportation Plans Coordination and Interagency Liaison	44,000.00	0.00		44,000.00
113	Public Participation Plan	7,500.00	0.00		7,500.00
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	59,000.00	76,857.79		135,857.79
251	Regional Travel Demand Model (RTDM)	80,000.00	0.00		80,000.00
259	Integrated Land Use Model and Development Monitoring Framework Tool	0.00	0.00	550,000.00	550,000.00
411	Clearinghouse	2,000.00	0.00		2,000.00
610	Transportation Performance Management (TPM)	8,500.00	0.00		8,500.00
621	Elderly & Disabled & Americans with Disabilities Act	10,000.00	0.00		10,000.00
622	Metropolitan Transportation Planning	49,990.00	0.00		49,990.00
641	Metropolitan Transportation Improvement Program (MTIP)	36,000.00	0.00		36,000.00
680	Rail Planning/Corridor Studies	10,000.00	0.00		10,000.00
		---	---	---	---
	Total I. FTA 5303 FY 2020-2021 & 5304	**324,990.00**	**76,857.79**	**550,000.00**	**951,847.79**
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FTA Sec. 5304	550,000.00
FTA Sec. 5303 FY 2020-2021 Carryover	76,857.79
FTA Sec. 5303 FY 2021-2022 Est. Alloc. Rev.	324,990.00

TOTAL FTA 5304	**550,000.00**
TOTAL FTA 5303	**401,847.79**

Table D: FHWA Funds by Work Element: FY 2021-2022

WE#		AMBAG	Carryover	TOTAL
I.	**FHWA PL FY 2020-2021**			
101	Overall Work Program, Budget and Administration	78,950.00		78,950.00
112	Transportation Plans Coordination and Interagency Liaison	190,000.00		190,000.00
113	GIS Analysis, Data Collection, Uniformity, Coordination and Access	30,000.00		30,000.00
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	133,000.00		133,000.00
251	Regional Travel Demand Model (RTDM)	302,000.00	150,000.00	452,000.00
411	Clearinghouse	10,000.00		10,000.00
606	Sustainable Communities Planning (FY 2020-2021)	9,409.97		9,409.97
610	Transportation Performance Management (TPM)	36,500.00		36,500.00
621	Elderly & Disabled & Americans with Disabilities Act	29,100.00		29,100.00
622	Metropolitan Transportation Planning	183,363.67	155,988.48	339,352.15
624	San Benito County Regional Transportation Planning	27,650.00		27,650.00
641	Metropolitan Transportation Improvement Program (MTIP)	158,000.00		158,000.00
642	San Benito Transportation Improvement Program	13,500.00		13,500.00
680	Rail Planning/Corridor Studies	30,000.00		30,000.00
		---	---	---
	Total I. FHWA PL	**1,231,473.64**	**305,988.48**	**1,537,462.12**
		---	---	---
	FHWA PL FY 2020-2021 Carryover			305,988.48
	FHWA PL FY 2021-2022 Est. Alloc. Rev.			1,231,473.64

			TOTAL FHWA PL	**1,537,462.12**

Table E: Federal Sources of Funds By Work Element: FY 2021-2022

WE #		FHWA SPR PP Funds	FHWA PL	FHWA PL Carryover	FTA 5303	FTA 5303 Carryover	FTA 5304	Total
101	Overall Work Program, Budget and Administration		78,950.00		18,000.00			96,950.00
112	Transportation Plans Coordination and Interagency Liaison		190,000.00		44,000.00			234,000.00
113	Public Participation Plan		30,000.00		7,500.00			37,500.00
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access		133,000.00		59,000.00	76,857.79		268,857.79
251	Regional Travel Demand Model (RTDM)		302,000.00	150,000.00	80,000.00			532,000.00
259	Integrated Land Use Model and Development Monitoring Framework Tool						550,000.00	550,000.00
411	Clearinghouse		10,000.00		2,000.00			12,000.00
606	Sustainable Communities Planning (FY 2020-2021)		9,409.97					9,409.97
610	Transportation Performance Management (TPM)		36,500.00		8,500.00			45,000.00
621	Elderly & Disabled & Americans with Disabilities Act		29,100.00		10,000.00			39,100.00
622	Metropolitan Transportation Planning		183,363.67	155,988.48	49,990.00			389,342.15
624	San Benito County Regional Transportation Planning		27,650.00					27,650.00
641	Metropolitan Transportation Improvement Program (MTIP)		158,000.00		36,000.00			194,000.00
642	San Benito Transportation Improvement Program		13,500.00					13,500.00
680	Rail Planning/Corridor Studies		30,000.00		10,000.00			40,000.00
Total		**0**	**1,231,473.64**	**305,988.48**	**324,990.00**	**76,857.79**	**550,000.00**	**2,489,309.91**

Table F: State and Local Sources of Funds By Work Element: FY 2021-2022

WE #		Local or Local Cash Match	SB1 Formula & Competitive Grants FY 2020-2021	SB1 Formula & Competitive Grants FY 2021-2022	RAPS Inc.	AB 101 REAP Funding	Total (Excluding In-Kind/Non-Federal Local Match)
101	Overall Work Program, Budget and Administration						-
112	Transportation Plans Coordination and Interagency Liaison	2,000.00					2,000.00
122	Water-Related Plans Coordination and Interagency Liaison	10,000.00					10,000.00
231	GIS Analysis, Data Collection, Uniformity, Coordination and Access	2,000.00					2,000.00
257	Central Coast Supra-Regional Activity-Based Model Framework	52,313.00					52,313.00
259	Integrated Land Use Model and Development Monitoring Framework Tool	90,000.00					90,000.00
331	AMBAG Community-wide Greenhouse Gas Inventory for Local Jurisdictions Program	55,800.00					55,800.00
332	Central California Energy Watch technical services	29,638.17					
343	Regional Early Action Planning - AMBAG Fiscal Agent Administration					136,963.13	136,963.13
344	Regional Early Action Planning Housing Program					6,895,614.67	6,895,614.67
502	Regional Analysis & Planning Services, Inc. Administration				2,000.00		2,000.00
511	Regional Analysis & Planning Services, Inc. Technical Assistance				50,000.00		50,000.00
530	Pajaro River Watershed Flood Prevention Authority Administration				40,000.00		40,000.00
538	Pajaro Regional Flood Management Agency (PRFMA) Contract				19,750.00		19,750.00
606	Sustainable Communities Planning (FY 2020-2021)		72,629.86				72,629.86
607	Sustainable Communities Planning (FY 2021-2022)			319,856.00		41,440.74	361,296.74
622	Metropolitan Transportation Planning	133,599.77					133,599.77
Total		**375,350.94**	**72,629.86**	**319,856.00**	**111,750.00**	**7,074,018.54**	**7,923,967.17**

*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	7/1/2021 – 6/30/2022	N	N	
Regional Planning	WE 112, 113, 610, 621, 622, 624, 641, 642	State/Federal	Transit Planning – Technical Assistance – Contract Administration – Meetings	Caltrans	7/1/2021 – 6/30/2022	N	N	
Regional Planning	WE 112, 113, 231, 251, 257, 606, 607, 610, 622, 624, 641, 642	State/Federal	MTP, MTIP, RTP, RTIP, CTP , TIPs, CIB Technical Assistance – Meetings, TAC, Hearings, Committees	Caltrans	7/1/2021 – 6/30/2022	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	7/1/2021 – 6/30/2022	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	7/1/2021 – 6/30/2022	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	7/1/2021 – 6/30/2022	N	N	
Regional Planning	WE 101	State/Federal	Planning Grant Applications and Monitoring FTA 5304/Partner-ship Planning	Caltrans	7/1/2021 – 6/30/2022	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	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	7/1/2021 – 6/30/2022	N	N	

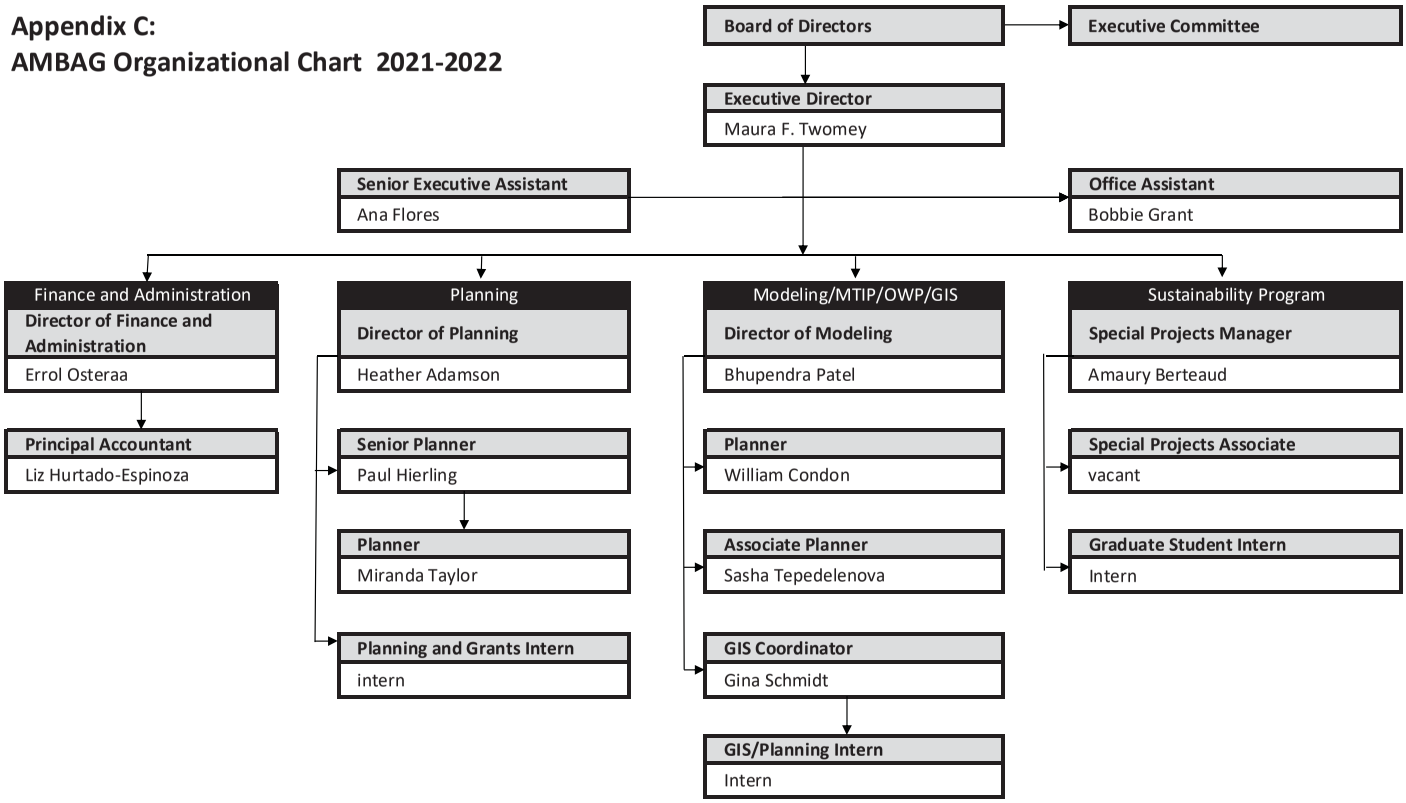
Appendix B: Map of the AMBAG Region

Counties

AMBAG Metropolitan Planning Area

Urbanized Area

Appendix C:
AMBAG Organizational Chart 2021-2022



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PART III: Budget

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AMBAG Draft Budget

Fiscal Year 2021-2022

Amendment 2
October 13, 2021
Board of Directors Meeting

AMBAG FY 2021-2022
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 774,729. 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. As the Council of Governments (COG) for Monterey and Santa Cruz Counties, the California Housing and Community Development Department (HCD) provides an overall housing need number for the two Counties, and AMBAG is required to allocate this to each jurisdiction in the two-county area every eight years as part of the State's Regional Housing Needs Allocation (RHNA) process. Through 2024, AMBAG was designated through State legislation (AB 101) and the Central Coast Housing Working Group (CCHWG) as the megaregional fiscal agent for suballocating nearly $8 million dollars of HCD Regional Early Access Planning (REAP) housing planning funds to jurisdictions throughout Monterey, Santa Cruz, San Benito, San Luis Obispo, and Santa Barbara Counties. 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 2021-2022 Amendment No. 1	FY 2021-2022 Amendment No. 2	Change
	8/11/2021	10/13/2021	
Revenue			
Federal	$ 2,596,463.64	$ 2,489,309.91	$ (107,154.00)
State	$ 7,300,537.16	$ 7,461,360.64	$ 160,823.00
Local	$ 745,999.93	$ 592,631.63	$ (153,368.00)
Total Revenue	**$ 10,643,000.73**	**$ 10,543,302.17**	**$ (99,699.00)**
Expenditures			
Salaries (Direct and Indirect) and Fringe Benefits	$ 2,318,970.80	$ 2,448,254.24	$ 129,283.00
Professional Services	$ 7,595,731.00	$ 7,601,062.00	$ 5,331.00
Lease/Rentals	$ 91,000.00	$ 91,000.00	$ -
Communications	$ 24,800.00	$ 24,800.00	$ -
Supplies	$ 111,400.00	$ 111,400.00	$ -
Printing	$ 16,700.00	$ 16,700.00	$ -
Travel ***(**)***	$ 70,200.00	$ 70,200.00	$ -
Other Charges	$ 121,680.00	$ 121,680.00	$ -
Total AMBAG Expenditures	**$ 10,350,481.00**	**$ 10,485,096.00**	**$ 134,614.00**
Total Subrecipient Agency Expenditures	**$ -**	**$ -**	**$ -**
Grand Total Expenditures	**$ 10,350,481.00**	**$ 10,485,096.00**	**$ 134,615.00**
Total AMBAG Revenue	**$ 10,643,000.73**	**$ 10,543,302.17**	**$ (99,699.00)**
Transfer to Reserves	**$ 292,519.73**	**$ 58,206.17**	**$ (234,314.00)**
Total Revenue to Expenditures	**$ -**	**$ -**	**$ -**

****: Includes potential out-of-state travel for WEs 101, 112, 231, 251, 257, 259, 606, 607, 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 2021-2022

WE#	FHWA	FTA	Federal/State Other		AMBAG Local	Private/Local Other		RAPS	Cash Contrib.		In-Kind/ Toll Credits*	Revenue
101	78,950.00	18,000.00	0.00		0.00	0.00		0.00	0.00		11,121.00	96,950.00
112	190,000.00	44,000.00	0.00		2,000.00	0.00		0.00	0.00		26,840.00	236,000.00
113	30,000.00	7,500.00	0.00		0.00	0.00		0.00	0.00		4,301.00	37,500.00
122	0.00	0.00	0.00		10,000.00	0.00		0.00	0.00		0.00	10,000.00
100 Total	**298,950.00**	**69,500.00**	**0.00**		**12,000.00**	**0.00**		**0.00**	**0.00**		**42,262.00**	**380,450.00**
231	133,000.00	135,857.79	0.00		2,000.00	0.00		0.00	0.00		30,838.00	270,857.79
251	452,000.00	80,000.00	0.00		0.00	0.00		0.00	0.00		61,020.00	532,000.00
257	0.00	0.00	0.00	fhwa spr	52,313.00	0.00		0.00	0.00	var	0.00	52,313.00
259	0.00	550,000.00			90,000.00	0.00		0.00	0.00		20,000.00	640,000.00
200 Total	**585,000.00**	**765,857.79**	**0.00**		**144,313.00**	**0.00**		**0.00**	**0.00**		**111,858.00**	**1,495,170.79**
331	0.00	0.00	0.00		0.00	55,800.00	3CE	0.00	0.00		0.00	55,800.00
332	0.00	0.00	0.00		0.00	29,638.17	SJVCEO					29,638.17
343	0.00	0.00	136,963.13	AB 101 REAP	0.00	0.00		0.00	0.00		0.00	136,963.13
344	0.00	0.00	6,890,470.91	AB 101 REAP	0.00	5,143.76	SBTCOG	0.00	0.00		0.00	6,895,614.67
300 Total	**0.00**	**0.00**	**7,027,434.04**		**0.00**	**90,581.93**		**0.00**	**0.00**		**0.00**	**7,118,015.97**
411	10,000.00	2,000.00	0.00		0.00	0.00		0.00	0.00		1,376.00	12,000.00
400 Total	**10,000.00**	**2,000.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**1,376.00**	**12,000.00**
502	0.00	0.00	0.00		0.00	0.00		2,000.00	0.00		0.00	2,000.00
511	0.00	0.00	0.00		0.00	0.00		50,000.00	0.00		0.00	50,000.00
530	0.00	0.00	0.00		0.00	0.00		40,000.00	0.00		0.00	40,000.00
538	0.00	0.00	0.00		0.00	0.00		19,750.00	0.00		0.00	19,750.00
500 Total	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**111,750.00**	**0.00**		**0.00**	**111,750.00**
606	9,409.97	0.00	72,629.86	sha/sb 1/	0.00	0.00		0.00	0.00		0.00	82,039.83
607	0.00	0.00	361,296.74	sha/sb 1/ & AB 101 REAP	0.00	0.00		0.00	0.00		0.00	361,296.74
610	36,500.00	8,500.00	0.00		0.00	0.00		0.00	0.00		5,162.00	45,000.00
621	29,100.00	10,000.00	0.00		0.00	0.00		0.00	0.00		4,485.00	39,100.00
622	339,352.15	49,990.00	0.00		0.00	133,599.77	TAMC/SCCRTC/SBTCOG		0.00		44,658.00	522,941.92
624	27,650.00	0.00	0.00		0.00	0.00		0.00	0.00		3,171.00	27,650.00
641	158,000.00	36,000.00	0.00		0.00	0.00		0.00	0.00		22,252.00	194,000.00

Table R: AMBAG Work Element Revenue Sources: FY 2021-2022

WE#	FHWA	FTA	Federal/State Other	AMBAG Local	Private/Local Other	RAPS	Cash Contrib.	In-Kind/ Toll Credits*	Revenue
642	13,500.00	0.00	0.00	0.00	0.00	0.00	0.00	1,548.00	13,500.00
680	30,000.00	10,000.00	0.00	0.00	0.00	0.00	0.00	4,588.00	40,000.00
600 Total	**643,512.12**	**114,490.00**	**433,926.60**	**0.00**	**133,599.77**	**0.00**	**0.00**	**85,864.00**	**1,325,528.48**
Grand Total	**1,537,462.12**	**951,847.79**	**7,461,360.64**	**156,313.00**	**224,181.70**	**111,750.00**	**0.00**	**241,360.00**	**10,442,915.24**
									10,442,915.24

REAP=Regional Early Action Planning Housing Program; 3CE=Central Coast Community Energy; SJVCEO=San Joaquin Valley Clean Energy Organization; SBTGOG=San Benito Council of Governments; TAMC=Transportation Agency of Montery County; SCCRTC=Santa Cruz County Regional Transportation Commission; FHWA SPR=FHWA SPR, Part I, Strategic Partnerships; SHA/SB 1=SHA/SB 1 Sustainable Communities

Table E: AMBAG Work Element Expenditures by Budget Source Account: FY 2021-2022

WE #	Salaries/ Wages	Fringe Benefits	Indirect	Professional Services	Supplies	Printing	Travel		Toll Credits	In-Kind/ Non-Federal Local Match	Total
101	31459.68	14786.05	48604.27	0.00	0.00	1500.00	600.00	oos	11121.00	0.00	96950.00
112	75125.13	35308.81	116066.07	0.00	0.00	0.00	9500.00	oos	26840.00	0.00	236000.00
113	12023.34	5650.97	18575.69	0.00	0.00	1000.00	250.00		4301.00	0.00	37500.00
122	3316.78	1558.89	5124.33	0.00	0.00	0.00	0.00		0.00	0.00	10000.00
100 Total	**121924.93**	**57304.72**	**188370.36**	**0.00**	**0.00**	**2500.00**	**10350.00**		**42262.00**	**0.00**	**380450.00**
231	82374.88	38716.19	127266.72	0.00	15000.00	0.00	7500.00	oos	30838.00	0.00	270857.79
251	133666.34	62823.18	206510.48	100000.00	20000.00	0.00	9000.00	oos	61020.00	0.00	532000.00
257	13924.52	6544.52	21512.96	10331.00	0.00	0.00	0.00		0.00	0.00	52313.00
259	26202.58	12315.21	40482.20	550000.00	5000.00	1000.00	5000.00		0.00	20000.00	640000.00
200 Total	**256168.32**	**120399.11**	**395772.36**	**660331.00**	**40000.00**	**1000.00**	**21500.00**		**91858.00**	**20000.00**	**1495170.79**
331	18341.81	8620.65	28337.54	0.00	200.00	200.00	100.00		0.00	0.00	55800.00
332	9830.34	4620.26	15187.58	0.00	0.00	0.00	0.00		0.00	0.00	29638.17
343	44266.82	20805.40	68390.91	0.00	2500.00	0.00	1000.00		0.00	0.00	136963.13
344	94166.33	44258.18	145484.16	6608706.00	1000.00	500.00	1500.00		0.00	0.00	6895614.67
300 Total	**166605.30**	**78304.49**	**257400.18**	**6608706.00**	**3700.00**	**700.00**	**2600.00**		**0.00**	**0.00**	**7118015.97**
411	3980.14	1870.67	6149.20	0.00	0.00	0.00	0.00		1376.00	0.00	12000.00
400 Total	**3980.14**	**1870.67**	**6149.20**	**0.00**	**0.00**	**0.00**	**0.00**		**1376.00**	**0.00**	**12000.00**
502	663.36	311.78	1024.87	0.00	0.00	0.00	0.00		0.00	0.00	2000.00
511	16583.91	7794.44	25621.65	0.00	0.00	0.00	0.00		0.00	0.00	50000.00
530	13267.13	6235.55	20497.32	0.00	0.00	0.00	0.00		0.00	0.00	40000.00
538	6550.65	3078.80	10120.55	0.00	0.00	0.00	0.00		0.00	0.00	19750.00
500 Total	**37065.05**	**17420.57**	**57264.38**	**0.00**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**	**111750.00**
606	27,210.83	12,789.09	42,039.91	0.00	0.00	0.00	0.00	oos	0.00	0.00	82,039.83
607	110,713.12	52,035.17	171,048.45	0.00	12,500.00	5,000.00	10,000.00		0.00	0.00	361,296.74
610	14,428.00	6,781.16	22,290.83	0.00	0.00	0.00	1,500.00	oos	5,162.00	0.00	45,000.00
621	12,139.42	5,705.53	18,755.05	0.00	1,000.00	500.00	1,000.00	oos	4,485.00	0.00	39,100.00

Table E: AMBAG Work Element Expenditures by Budget Source Account: FY 2021-2022

WE #	Salaries/ Wages	Fringe Benefits	Indirect	Professional Services	Supplies	Printing	Travel		Toll Credits	In-Kind/ Non-Federal Local Match	Total
622	95,504.07	44,886.92	147,550.93	210,000.00	10,000.00	5,000.00	10,000.00	oos	44,658.00	0.00	522,941.92
624	8,922.15	4,193.41	13,784.45	0.00	0.00	0.00	750.00		3,171.00	0.00	27,650.00
641	63,350.55	29,774.76	97,874.70	0.00	1,500.00	500.00	1,000.00	oos	22,252.00	0.00	194,000.00
642	4,477.66	2,104.50	6,917.84	0.00	0.00	0.00	0.00		1,548.00	0.00	13,500.00
680	12,935.45	6,079.66	19,984.89	0.00	0.00	0.00	1,000.00		4,588.00	0.00	40,000.00
600 Total	**349,681.25**	**164,350.19**	**540,247.04**	**210,000.00**	**25,000.00**	**11,000.00**	**25,250.00**		**85,864.00**	**0.00**	**1,325,528.48**
Grand Total	**935,424.98**	**439,649.74**	**1,445,203.53**	**7,479,037.00**	**68,700.00**	**15,200.00**	**59,700.00**		**221,360.00**	**20,000.00**	**10,442,915.24**
											10,442,915.24

oos'=Out of State Travel

	FY 2021-2022 Amendment No. 1	FY 2021-2022 Amendment No. 2	Change
	8/11/2021	10/13/2021	
Indirect Expenditures			
Salaries Principal Accountant, Director of Finance & Administration, Exec. & Office Assistant, Executive Director (approx. 75%); Direct Staff Admin,Vacation, Holiday and Sick	$ 629,436.68	$ 721,890.15	$ 92,453.00
Fringe Benefits Social Security, Medicare, Unemployment Ins., Worker's Comp., Retirement, Health Ins., Life Ins., Long-Term Disability for regular positions.	$ 295,835.24	$ 339,288.37	$ 43,453.00
Professional Services Legal retainer ($13,500), audit ($49,125), payroll & HR services ($15,000), GASB 68 ($700), IT services ($20,000), website services ($15,000), GASB 68/75 actuarial services ($8,700)	$ 122,025.00	$ 122,025.00	$ -
Lease/Rentals Office space ($72,000), storage ($4,000), copier ($12,000), postage meter ($2,500), other expense ($500)	$ 91,000.00	$ 91,000.00	$ -
Communications Website Hosting/Domains ($2,000), Internet/Cable Svcs ($6,000), postage ($4,500), express mailing ($250), telephone ($12,000), other ($50)	$ 24,800.00	$ 24,800.00	$ -
Supplies Office supplies ($8,500), copier paper ($2,500), office equipment/furniture ($6,000), IT hardware/software ($25,000), printer cartridges ($700)	$ 42,700.00	$ 42,700.00	$ -
Printing Stationary/envelopes/agenda covers ($500), outside printing ($1,000)	$ 1,500.00	$ 1,500.00	$ -
Transportation Travel ($5,000)*, Fuel ($200), maintenance ($800), vehicle repairs ($500), other ($1,000)	$ 7,500.00	$ 7,500.00	$ -
Other Charges Computer maintenance ($2,500), Insurance ($40,000), workshops/education ($6,000), temp. personnel ($500), recruitment ($1,500), other dues & subscriptions ($15,000), maintenance & utilities ($1,000), other charges ($1,000), depreciation ($27,000)**	$ 94,500.00	$ 94,500.00	$ -
Total Expenditures	**$ 1,309,296.92**	**$ 1,445,203.53**	**$ 135,906.00**

* May include out of state travel.
** Depreciation expense for equipment and software including new server and automobile.

AMBAG FY 2021-2022

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	10,108	$ 1,061	$ 2,735,542,239	$ 1,655	$ 2,716	$ 500	$ 3,216
Carmel	3,949	$ 415	$ 4,809,561,552	$ 2,910	$ 3,325	$ 500	$ 3,825
Del Rey Oaks	1,662	$ 175	$ 335,030,249	$ 203	$ 378	$ 500	$ 878
Gonzales	8,506	$ 893	$ 629,899,033	$ 381	$ 1,274	$ 500	$ 1,774
Greenfield	18,284	$ 1,920	$ 926,410,740	$ 561	$ 2,481	$ 500	$ 2,981
Hollister	40,646	$ 4,268	$ 4,562,862,215	$ 2,761	$ 7,029	$ 500	$ 7,529
King City	14,797	$ 1,554	$ 840,144,521	$ 508	$ 2,062	$ 500	$ 2,562
Marina	22,321	$ 2,344	$ 2,750,001,453	$ 1,664	$ 4,008	$ 500	$ 4,508
Monterey	28,170	$ 2,958	$ 6,713,700,707	$ 4,062	$ 7,020	$ 500	$ 7,520
Pacific Grove	15,265	$ 1,603	$ 4,041,825,423	$ 2,446	$ 4,049	$ -	$ 4,049
Salinas	162,222	$ 17,033	$ 12,460,580,657	$ 7,539	$ 24,572	$ 500	$ 25,072
San Juan Bautista	2,112	$ 222	$ 287,308,931	$ 174	$ 396	$ 500	$ 896
Sand City	385	$ 40	$ 353,302,451	$ 214	$ 254	$ 500	$ 754
Santa Cruz	64,424	$ 6,765	$ 10,873,802,075	$ 6,580	$ 13,345	$ 500	$ 13,845
Scotts Valley	11,693	$ 1,228	$ 3,099,061,367	$ 1,875	$ 3,103	$ 500	$ 3,603
Seaside	33,537	$ 3,522	$ 2,849,775,014	$ 1,724	$ 5,246	$ 500	$ 5,746
Soledad	25,301	$ 2,657	$ 1,197,596,020	$ 725	$ 3,382	$ 500	$ 3,882
Watsonville	51,515	$ 5,409	$ 4,610,334,305	$ 2,790	$ 8,199	$ 500	$ 8,699
County of Monterey	106,744	$ 11,208	$ 36,404,886,159	$ 22,029	$ 33,237	$ 1,000	$ 34,237
County of San Benito	19,595	$ 2,058	$ 4,834,042,020	$ 2,925	$ 4,983	$ 1,000	$ 5,983
County of Santa Cruz	133,493	$ 14,017	$ 29,125,137,936	$ 17,624	$ 31,641	$ 1,000	$ 32,641
Totals	774,729	$ 81,350	$ 134,440,805,067	$ 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 2021. Assessed valuations are those reported by County Assessors and Auditor-Controllers for FY 2020-2021. There are ten regular meetings scheduled for FY 2021-2022.

General Fund: Revenue and Expenditures

	FY 2021-2022 Amendment No. 1 8/11/2021	FY 2021-2022 Amendment No. 2 10/13/2021	Change
Revenues			
Miscellaneous Income (interest, service fees, other)	$ 179,500.00	$ 206,099.77	$ 26,600.00
Assessments for Meeting Allowances	$ 11,500.00	$ 11,500.00	$ -
Member Dues	$ 162,699.93	$ 162,699.93	$ -
City of Monterey - Harbormaster	$ 10,000.00	$ 10,000.00	$ -
Total Estimated Revenues	**$ 363,699.93**	**$ 390,299.70**	**$ 26,600.00**
Expenditures			
Salaries and Benefits (includes member technical assistance work)	$ 12,000.00	$ 12,000.00	$ -
Travel	$ 3,000.00	$ 3,000.00	$ -
Other Charges	$ 27,180.00	$ 27,180.00	$ -
Direct Work Program Contribution/Match	$ 226,000.00	$ 289,912.77	$ 63,913.00
Total Expenditures	**$ 268,180.00**	**$ 332,092.77**	**$ 63,913.00**
Program Information			
Travel			
(Non-grant related travel expenditures for Board Members, Executive Director, and others):			
1. Board Members' Travel			
CALCOG Annual, Fall Meetings, & Other Conferences	$ 1,000.00	$ 1,000.00	$ -
Sub-Total	**$ 1,000.00**	**$ 1,000.00**	**$ -**

(Continued)

General Fund: Revenue and Expenditures (Continued)

	FY 2021-2022 Amendment No. 1 8/11/2021	FY 2021-2022 Amendment No. 2 10/13/2021	Change
Travel (Continued)			
2. Executive Directors' Travel	$ 500.00	$ 500.00	$ -
CALCOG Conferences	$ 500.00	$ 500.00	$ -
Sub-Total	**$ 1,000.00**	**$ 1,000.00**	**$ -**
3. Other Travel That Exceeds State Limits (not grant eligible)	**$ 1,000.00**	**$ 1,000.00**	**$ -**
Total Travel	**$ 3,000.00**	**$ 3,000.00**	**$ -**
Other Charges			
Board Meeting Allowance	$ 11,500.00	$ 11,500.00	$ -
Board Meeting Meals & Supplies	$ 5,000.00	$ 5,000.00	$ -
Line of Credit Interest/Fees	$ 300.00	$ 300.00	$ -
Miscellaneous Expense (**)	$ 7,500.00	$ 7,500.00	$ -
CALCOG Member Dues	$ 2,880.00	$ 2,880.00	$ -
Total Other Charges	**$ 27,180.00**	**$ 27,180.00**	**$ -**
Direct Work Program Contribution/Match			
WE 101 - Overall Work Program, Budget and Administration	$ -	$ -	$ -
WE 112 - Transportation Plans Coordination and Interagency Liaison	$ 2,000.00	$ 2,000.00	$ -
WE 122 - Water-Related Plans Coordination & Liaison	$ 10,000.00	$ 10,000.00	$ -
WE 231 - GIS Analysis, Data Collection, Uniformity, Coordination and Access	$ 2,000.00	$ 2,000.00	$ -
WE 257 - Central Coast Supra-Regional Activity-Based Model Framework	$ 15,000.00	$ 52,313.00	$ 37,313.00
WE 259 - Integrated Land Use Model and Development Monitoring Framework Tool	$ 90,000.00	$ 90,000.00	$ -
WE 622 - Metropolitan Transportation Planning	$ 107,000.00	$ 133,599.77	$ 26,600.00
WE 680 - Rail Planning/Corridor Studies	$ -	$ -	$ -
Total Direct Work Program Contribution/Match	**$ 226,000.00**	**$ 289,912.77**	**$ 63,913.00**
Total Expenditures	**$ 268,180.00**	**$ 332,092.77**	**$ 63,913.00**
Transfer to/from Reserves	**$ 95,519.93**	**$ 58,206.93**	**$ (37,313.00)**
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 12, 2021

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 2021-2022 Budget 5/12/2021 FTE	FY 2021-2022 Amendment 1 8/11/2021 FTE	Monthly Salary Range FY 2021-2022 (full-time equivalents)
Executive Director	1.00	1.00	$15,879
Retired Annuitants ***(2 part-time)***	0.70	0.70	$86.84/hr.
Clerk of the Board	1.00	1.00	$5,514 - $7,416
Office Assistant	1.00	1.00	$3,401 - $4,574
Director of Finance & Administration	1.00	1.00	$8,896 - $11,965
Principal Accountant	1.00	1.00	$6,954 - $9,353
Director of Planning	1.00	1.00	$8,896 - $11,965
Senior Planner	1.00	1.00	$7,510 - $10,100
Associate Planner	1.00	1.00	$6,142 - $8,261
Planner	2.00	2.00	$5,429 - $7,302
Director of Modeling	1.00	1.00	$8,896 - $11,965
GIS Coordinator	1.00	1.00	$7,808 - $10,501
Special Projects Manager	1.00	1.00	$7,955 - $10,699
Special Projects Associate	0.00	0.00	$5,429 - $7,302
Interns ***(*)***	2.50	2.50	$14.99 - $20.17/hr.
Total	**16.2**	**16.2**	

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

Association of Monterey Bay Area Governments
SALARY SCHEDULE (Monthly, in Dollars), effective 08/01/21

Amendment 1

Position	Date	STEPS 1	2	3	4	5	6	7	8	9	10	11	12	13
Executive Director (Set by AMBAG Board of Directors)	8/1/2021	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
Clerk of the Board	8/1/2021	5,514	5,652	5,793	5,938	6,086	6,239	6,395	6,554	6,718	6,886	7,058	7,235	7,416
Office Assistant	8/1/2021	3,401	3,486	3,573	3,662	3,754	3,848	3,944	4,042	4,143	4,247	4,353	4,462	4,574
Director of Finance & Administration	8/1/2021	8,896	9,119	9,347	9,580	9,820	10,066	10,317	10,575	10,839	11,110	11,388	11,673	11,965
Principal Accountant	8/1/2021	6,954	7,128	7,306	7,489	7,676	7,868	8,065	8,267	8,473	8,685	8,902	9,125	9,353
Director of Planning	8/1/2021	8,896	9,119	9,347	9,580	9,820	10,066	10,317	10,575	10,839	11,110	11,388	11,673	11,965
Senior Planner	8/1/2021	7,510	7,698	7,890	8,088	8,290	8,497	8,710	8,927	9,151	9,379	9,614	9,854	10,100
Associate Planner	8/1/2021	6,142	6,296	6,453	6,615	6,780	6,950	7,123	7,301	7,484	7,671	7,863	8,059	8,261
Planner	8/1/2021	5,429	5,565	5,704	5,847	5,993	6,143	6,297	6,454	6,615	6,781	6,950	7,124	7,302
Director of Modeling	8/1/2021	8,896	9,119	9,347	9,580	9,820	10,066	10,317	10,575	10,839	11,110	11,388	11,673	11,965
GIS Coordinator	8/1/2021	7,808	8,003	8,203	8,408	8,619	8,834	9,055	9,281	9,513	9,751	9,995	10,245	10,501
Special Projects Manager	8/1/2021	7,955	8,154	8,358	8,567	8,781	9,000	9,225	9,456	9,692	9,935	10,183	10,438	10,699
Special Projects Associate	8/1/2021	5,429	5,565	5,704	5,847	5,993	6,143	6,297	6,454	6,615	6,781	6,950	7,124	7,302
Intern*	8/1/2021	14.99	15.37	15.75	16.15	16.55	16.96	17.39	17.82	18.27	18.73	19.19	19.67	20.17

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

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