

# AMBAG

## Board of Directors Agenda

Association of Monterey Bay Area Governments

P.O. Box 2453, Seaside, California 93955-2453

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### MEETING LOCATION:

Marina Library  
Community Room  
190 Seaside Circle  
Marina, CA 93933

**DATE:** March 11, 2020

**TIME:** 6:00 PM

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1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL
4. ORAL COMMUNICATIONS FROM THE PUBLIC ON ITEMS NOT ON THE AGENDA  
(A maximum of three minutes on any subject not on the agenda)
5. ORAL COMMUNICATIONS FROM THE BOARD ON ITEMS NOT ON THE AGENDA
6. PRESENTATIONS

A. Current CPUC Energy Efficiency Policy and Regional Energy Networks

Recommended Action: INFORMATION

-Elisabeth Bertrand, Director of Special Projects

AMBAG Energy Watch staff will provide information on the most recent CPUC decision on energy efficiency and Regional Energy Networks.

7. COMMITTEE REPORTS

A. Executive/Finance Committee

Recommended Action: INFORMATION

-President McShane

Receive oral report.

# AGENDA

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- B. Monterey Bay National Marine Sanctuary (MBNMS) Advisory Council (SAC) Meeting**  
**Recommended Action: DIRECT**  
**-President McShane**

Receive a report on the February 21, 2020 meeting. The next meeting is scheduled on April 17, 2020.

- 8. EXECUTIVE DIRECTOR'S REPORT**  
**Recommended Action: INFORMATION**  
**-Maura Twomey, Executive Director**

- 9. CONSENT AGENDA**  
**Recommended Action: APPROVE**

**Note:** Actions listed for each item represents staff recommendation. The Board of Directors may, at its discretion, take any action on the items listed in the consent agenda.

- A. Draft Minutes of the February 12, 2020 AMBAG Board of Directors Meeting**  
**-Ana Flores, Senior Executive Assistant**

Approve the draft minutes of the February 12, 2020 AMBAG Board of Directors meeting. (Page 5)

- B. AMBAG Regional Clearinghouse Monthly Newsletter**  
**-Will Condon, Planner**

Accept the clearinghouse monthly newsletter. (Page 13)

- C. AMBAG Energy Watch Update Report**  
**-Elisabeth Bertrand, Director of Special Projects**

Accept the Energy Watch update report. (Page 21)

- D. Draft Amendment No. 3 to the FY 2019-20 Overall Work Program (OWP) and Budget**  
**-Bhupendra Patel, Director of Modeling, Ph.D.**

Approve Draft Amendment No. 3 to the FY 2019-20 OWP and Budget. (Page 27)

- E. Financial Update Report**  
**-Errol Osteraa, Director of Finance & Administration**

Accept the financial update report which provides an update on AMBAG's current financial position and accompanying financial statements. (Page 31)

# AGENDA

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## 10. ITEMS REMOVED FROM CONSENT CALENDAR FOR DISCUSSION AND POSSIBLE ACTION

## 11. ADMINISTRATION

- A. **Draft FY 2020-21 Monterey Bay Region Overall Work Program (OWP) and Budget**  
**Recommended Action: INFORMATION**  
**-Bhupendra Patel, Director of Modeling, Ph.D.**

The Draft FY 2020-21 OWP and Budget is provided for Board review and comment.  
(Page 37)

## 12. PLANNING

- A. **Draft 2022 Regional Growth Forecast**  
**Recommended Action: ACCEPT**  
**-Heather Adamson, Director of Planning**

In February 2020, the draft tri-county regional employment, population and housing projections were presented. The Board of Directors is asked to accept the regional forecast numbers and direct staff to begin the disaggregation process to the county and city level. (Page 39)

## 13. ADJOURNMENT

### REFERENCE ITEMS:

- A. **2020 Schedule of Meetings (Page 45)**  
B. **Acronym Guide (Page 47)**

### NEXT MEETING:

**Date:** April 8, 2020  
**Location:** Greenfield Civic Center  
Council Chambers  
599 El Camino Real, Greenfield, CA 93927

**Dinner will be served at 5 PM**  
**Executive/Finance Committee Meeting: 5:00 PM**  
**Board of Directors Meeting: 6:00 PM**

# AGENDA

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If requested, the agenda shall be made available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 USC Sec. 12132), and the federal rules and regulations adopted in implementation thereof. If you have a request for disability-related modification or accommodation, including auxiliary aids or services, contact Ana Flores, AMBAG, 831-883-3750, or email [aflores@ambag.org](mailto:aflores@ambag.org) at least 48 hours prior to the meeting date.

**DRAFT**  
**MINUTES OF THE PROCEEDINGS**  
**OF THE BOARD OF DIRECTORS OF THE**  
**ASSOCIATION OF MONTEREY BAY AREA GOVERNMENTS**

**February 12, 2020**

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**1. CALL TO ORDER**

The Board of Directors of the Association of Monterey Bay Area Governments, President, Steve McShane presiding, convened at 6:00 p.m. Wednesday, February 12, 2020 at the Marina Library, Community Room, 190 Seaside Circle, Marina, CA 93933.

**2. PLEDGE OF ALLEGIANCE**

Director Wizard led the Pledge of Allegiance.

**3. ROLL CALL**

<b><u>AMBAG Board of Directors</u></b>			
<b>PRESENT:</b>			
<b>Agency</b>	<b>Representative</b>	<b>Agency</b>	<b>Representative</b>
Capitola	Kristen Petersen	County of Monterey	Mary Adams
Del Rey Oaks	Louise Goetzelt	County of Monterey	John Phillips
Gonzales	Scott Funk	County of Santa Cruz	Greg Caput
Hollister	Carol Lenior	County of San Benito	Mark Medina
King City	Carlos Victoria		
Marina	Lisa Berkley (6:04)	<b><u>Ex-Officio Members:</u></b>	
Monterey	Alan Haffa	Caltrans, District 5	John Olejnik
Salinas	Steve McShane	MBARD	Richard Stedman
San Juan Bautista	John Freeman	MBCP	J.R. Killigrew
Sand City	Mary Ann Carbone	MST	Lisa Rheinheimer
Santa Cruz	Justin Cummings	MPRA	William Sabo
Scotts Valley	Derek Timm		
Seaside	Jon Wizard		
<b>ABSENT:</b>			
Carmel-by-the-Sea	Bobby Richards	<b><u>Ex-Officio Members:</u></b>	
Greenfield	Lance Walker	SBtCOG	Mary Gilbert
Pacific Grove	Jenny McAdams	SC METRO	Alex Clifford
Soledad	Carla Stewart	SCCRTC	Guy Preston
Watsonville	Felipe Hernandez	TAMC	Debbie Hale
County of Santa Cruz	Bruce McPherson		
County of San Benito	Jim Gillio		

**Others Present:** Heather Adamson, Director of Planning; Errol Osteraa, Director of Finance and Administration; Amaury Berteaud, Assistant Special Projects Manager; Bhupendra Patel, Director of

Modeling; Errol Osteraa, Director of Finance & Administration; Bobbie Grant, Office Assistant; Maura Twomey, Executive Director; and Ana Flores, Senior Executive Assistant.

#### 4. ORAL COMMUNICATIONS FROM THE PUBLIC ON ITEMS NOT ON THE AGENDA

None.

#### 5. ORAL COMMUNICATIONS FROM THE BOARD ON ITEMS NOT ON THE AGENDA

John Olejnick, Senior Transportation Planner, Planning Management Liaison, Caltrans District 5 reported that there are significant changes to CEQA law relative to transportation of SB743. They change the metric of transportation management from level of service to vehicle miles traveled (VMT). All the changes seek a reduction. The law went into effect in December 2019 and we have been in a grace period until July 2020. There are still questions on how they will be implemented. The changes apply to all transportation projects and land use projects. Caltrans Headquarters sent out a policy memorandum regarding the transportation impacts seeking comment. The California Resources Board and the Governor's office of Planning and Research are taking the lead on SB743 and VMT reduction. They have a set of technical guidelines that set thresholds.

Maura Twomey, Executive Director stated that AMBAG received the policy memorandum and Heather Adamson, Director of Planning forwarded the link to all the Planning Directors. Comments are due to Caltrans Headquarters on February 20, 2020.

Director Caputo announced that the Local Sponsors of the Pajaro River Flood Risk Reduction Project received \$1.8 million for the design phase of the 100-year plan for the Pajaro River.

#### 6. 2020 BOARD AND COMMITTEE APPOINTMENTS

President McShane made the following committee appointments:

Executive/Finance Committee:

**Steve McShane**, President  
**Kristen Petersen**, 1<sup>st</sup> Vice President  
**Lance Walker**, 2<sup>nd</sup> Vice President  
**Scott Funk**, Past President  
**John Freeman**, City of San Juan Bautista  
**Ed Smith**, City of Monterey

Regional Analysis &  
Planning Services, Inc.:

**Steve McShane**, President  
**Kristen Petersen**, 1<sup>st</sup> Vice President  
**Lance Walker**, 2<sup>nd</sup> Vice President  
**Scott Funk**, Past President  
**Tom Rowley**, Chair, Monterey County Public Member  
**Maura Twomey**, Chief Executive Officer  
**Jennie Sarmiento**, Santa Cruz County Public Member  
**Mark Tognazzini**, San Benito County Public Member

California Association of Councils  
of Governments:

**Lisa Berkley**, as delegate  
**Scott Funk**, as alternate

Sanctuary Advisory Council:	<b>Steve McShane</b> , as delegate <b>Kristen Petersen &amp; Jenny McAdams</b> , as alternates
Transportation Agency for Monterey County:	<b>Maura Twomey</b> , as delegate <b>Heather Adamson</b> , as alternate
CalVans:	<b>Steve McShane</b> , as delegate <b>Scott Funk</b> , as alternate
Sanctuary Subcommittee:	<b>Steve McShane</b> , City of Salinas <b>Kristen Petersen</b> , City of Capitola <b>John Freeman</b> , City of San Juan Bautista <b>Ed Smith</b> , City of Monterey <b>Bruce McPherson</b> , County of Santa Cruz <b>Steve Scheiblauber</b> , Public Member

**Motion made by Director Haffa, seconded by Director Carbone to approve the 2020 Board and Committee Appointment. Motion passed unanimously.**

## **7. PRESENTATIONS**

### **A. AMBAG Energy Watch 2019 Program Report**

Amaury Berteaud, Assistant Special Projects Manager gave a presentation on the AMBAG Energy Watch 2019 Program. Mr. Berteaud reported that from 2006 -20019, the AMBAG Energy Watch Program has 1) an energy savings of 110 million annual kWh; 2) \$75 million saved from being spent on energy to be used other ways in the community; and 3) provided technical assistance to acquire \$42+ million in grants or loans for the jurisdictions, school districts and special districts. Seven energy efficiency projects across 65 facilities locations and parks were completed in 2019. These projects are estimated to deliver 3,073,778 kWh in annual energy savings and reduce energy costs by \$643,815 every year. Four energy efficiency projects across 25 facility locations and parks are in the process of completion in 2020. These projects are estimated to deliver 511,477 kWh in annual energy savings and are estimated to deliver 18,051 therms in annual energy savings. These upgrades will reduce energy costs by \$120,068 every year. The 2019 Beacon Award were awarded to 1) the city of Santa Cruz received a Silver Beacon Award; 2) The city of Pacific Grove received two spotlight Beacon Awards; and 3) the County of San Benito Received a Spotlight Beacon Award. Mr. Berteaud reported that the California Energy Commission made \$36.7 million available in Proposition 39 funding for the AMBAG region’s school districts. Staff worked with 80 percent of the school districts and \$33.3 million of the Proposition 39 funding went to 1) conduct energy benchmarking and energy audits; 2) define energy efficiency project scopes; 3) write Energy Expenditure Plans to request funding allocations from the California Energy Commission; 4) write technical specification documents for RFP processes; 5) support project implementation and provide rebates; 6) prepare the annual progress reports for the California Energy Commission; and 7) prepare the Energy expenditure Plans final completion reports. Using Proposition 39 funds, the Energy Watch Program 1) wrote Energy Expenditure Plans for 162 individual school sites; 2) over 200 schools and district offices were retrofitted with LED lighting and major HVAC, solar and smart thermostat projects were completed; 3) more than \$2 million in annual energy savings are being generated (10 million kWh) from LED lighting projects alone; 4) 95% of Proposition 39 projects are

completed; and 5) AMBAG designed the “Energy Watch Champion Award” to recognize School Districts for their leadership in implementing Proposition 39 projects. The AMBAG Energy Watch 1<sup>st</sup> and 2<sup>nd</sup> Quarter 2020 major initiatives are 1) energy benchmarking for AMBAG jurisdictions and school districts; 2) 2018 Community Greenhouse Gas Inventory preparation; 3) climate planning and energy action strategy technical support for all jurisdictions; 4) energy education and training for jurisdictional and school district staff; 5) 2020 Beacon Award recognition for AMBAG jurisdictions; and 6) complete Proposition 39 Energy Expenditure Plan amendments and final reports. Brief discussion followed.

## **8. COMMITTEE REPORTS**

### **A. Executive/Finance Committee**

President McShane reported that the Executive/Finance Committee approved the consent agenda that included 1) the minutes of the November 13, 2019 meeting; 2) list of warrants as of November 30, 2019; and 3) accounts receivable as of November 30, 2019. The Executive/Finance Committee also received 1) the financial update report from Errol Osteraa, Director of Finance and Administration; and 2) a report on the draft 2022 Regional Growth Forecast from Heather Adamson, Director of Planning.

### **B. Monterey Bay National Marine Sanctuary (MBNMS) Advisory Council (SAC) Meeting**

President McShane reported that the next SAC meeting is scheduled on Friday, February 21, 2020 in Santa Cruz. The SAC will be discussing the MBNMS 2020 Work Plan.

## **9. EXECUTIVE DIRECTOR’S REPORT**

Maura Twomey, Executive Director introduced Miranda Taylor. Ms. Taylor is a new intern and will be working with Heather Adamson, Director of Planning in the Housing and Planning Program. Ms. Twomey also reported that the Central Coast Housing Working Group (CCHWG) held its first meeting on January 31, 2020 in Paso Robles. The CCHWG 1) selected Mike LeBarre from King City as its Chair; 2) selected Jimmy Pauling from Arroyo Grande as its Vice Chair; 3) approved the CCHWG’s Charter; and 4) appointed AMBAG as its fiscal administrator. AMBAG is continuing to work with its partner COG’s and the Department of Housing and Community Development (HCD) in implementing the Housing Grant Program on the Central Coast. Ms. Twomey reported that the HCD released a Notice of Funding Availability and Guidelines for the Local Early Action Program for the preparation and adoption of planning documents, process improvements, and to facilitate compliance in implementing the 6<sup>th</sup> Cycle of regional housing needs assessments. HCD is going to be holding application workshops around the State in February and March 2020. AMBAG is currently working with HCD to schedule a workshop at the end of March 2020 in the Central Coast in conjunction with the Planning Directors Forum. All jurisdictions are eligible to submit an application for the grant funding. The grant funding is dependent on the jurisdictions size and ranges from \$65,000 to \$500,000 for jurisdictions in the AMBAG region. The deadline to apply for funds is July 1, 2020. The funds must be expended by December 31, 2023. The funding can be used to augment any SB 2 funding or to develop the 6<sup>th</sup> cycle housing element which is due in December 2023. There is no local match requirement. Ms. Twomey encouraged all jurisdictions to apply for the funding.



## **10. CONSENT AGENDA**

### **A. Draft Minutes of the January 8, 2020 AMBAG Board of Directors Meeting**

The draft minutes of the January 8, 2020 AMBAG Board of Directors meeting were approved.

### **B. AMBAG Regional Clearinghouse Monthly Newsletter**

The AMBAG Regional Clearinghouse Monthly Newsletter was accepted.

### **C. AMBAG Energy Watch Update Report**

The Energy Watch update report was accepted.

### **D. Revised FSTIP/MTIP Formal Amendment and Administrative Modification Procedures**

The revised FSTIP/MTIP formal Amendment and Administrative Procedures were adopted.

### **E. Financial Update Report**

The financial update report was accepted.

Item 10.E E. 2045 Metropolitan Transportation Plan/Sustainable Communities Strategy: Regional Performance Measures was pulled from the consent agenda.

**Motion made by Director Freeman, seconded by Director Phillips to approve the consent agenda. The motion passed unanimously.**

## **11. ITEMS REMOVED FROM CONSENT CALENDAR FOR DISCUSSION AND POSSIBLE ACTION**

### **A. 2045 Metropolitan Transportation Plan/Sustainable Communities Strategy: Regional Performance Measures**

Director Cummings had a question on the regional performance measures under Healthy Communities. The Healthy Communities performance measure states “protect the health of our residents; foster efficient development patterns that optimize travel, housing, and employment choices and encourage active transportation”. When looking through some of the performance measures, it didn’t seem like there was anything tracking housing. Where in these measures is there an opportunity to track the production and different types of housing from very low to market value?

Heather Adamson, Director of Planning stated that there is one metric under Healthy Communities which states “growth in opportunity areas” which is a percentage of future growth in areas that are more transit oriented. These metrics are forecasted for future scenarios, instead of measuring historical tracking or monitoring. . That is information that can be included in other parts of the Transportation Plan. Staff is already compiling that information because each local jurisdiction has to submit an annual report on tracking building permits and construction from very low, low, moderate, and above moderate. This information wouldn’t necessarily be a performance metric at the regional level that would help us evaluate future scenarios.

Director Berkeley asked if revisions can be made in the future to the performance measures once they are approved at this meeting. Director Berkeley stated that she would like to do more research into how these performance measures compare to the UN's Sustainable Development goals.

Heather Adamson, Director of Planning stated that this list was reviewed by the Technical Advisory Committee which is comprised of Public Works staff and Planning Directors for each of the jurisdictions. They felt that this was a good set of measures that would help evaluate future scenarios. As part of the action, staff will need to develop the methodology to calculate each of these scenarios. Over the next year as staff develops the methodology, they will report back to the Board. If the Board is not seeing meaningful results, then staff can look at a different measurement. Staff will be reporting back to the Board over the next couple years.

**Motion made by Director Cummings, seconded by Director Berkley to approve the 2045 Metropolitan Transportation Plan/Sustainable Communities Strategy Regional Performance Measures. The motion passed unanimously.**

## **12. PLANNING**

### **A. Draft 2022 Regional Growth Forecast**

Heather Adamson, Director of Planning gave a presentation on the draft 2022 Regional Growth Forecast. Ms. Adamson reported that the 2022 Regional Growth Forecast (Forecast) for the AMBAG region shows slowing growth for employment and population. The Forecast is 1) updated every four years; 2) forecasts population, housing and employment for the tri-county region; 3) base year is 2015 and the horizon year is 2045; 4) it's the basis for planning for growth in the Metropolitan Transportation Plan/ Sustainable Communities Strategy (MTP/SCS), transportation project level analysis, corridor studies, and economic analysis; and 5) input for the Regional Travel Demand Model which forecasts travel patterns. The Forecast alone does not guide the Regional Housing Needs Allocation (RHNA). The RHNA methodology for disaggregation also considers 1) fair share (avoiding disproportionate income categories); 2) lack of serve capacity such as water (by statute); 3) market demands for housing; 4) needs of farm works; and 5) needs generated by a university or college. Ms. Adamson added RHNA discussion will begin in 2021 following the development of the Forecast. The draft Forecast projects that the region will add approximately 65,500 jobs between 2015 and 2045, for a total of approximately 440,500 jobs by 2045. The regional growth rate is slightly lower than state and national forecasts. The Forecast process is based on a methodology that predicts employment growth using a model based on local data as well as state and national trends. The AMBAG Industry Employment Forecast is driven by projected national and statewide trends for all industries in the region using a shift-share model. The base year revisions to the Forecast are 1) the 2015 remains the base year, however, the data will be updated through 2019; 2) there will be a complete re-benchmark of employment by industry using data from the California Employment Development Department, Info USA, and extensive research by AMBAG staff to reconcile both databases. The AMBAG Population Forecast is based historical trends in the ratio of population to employment in the AMBAG region. Employment growth trends influence population growth. The draft Forecast projects that the region's population will grow by just under 92,400 people between 2015 and 2045, for a total population of 858,000 in 2045. This is lower than prior forecasts and reflects the slowing growth rates seen at both the state and national level. The draft forecast also

predicts an older age distribution with a larger proportion of the population age 75 and older. Ms. Adamson added that 1) employment data have been re-benchmarked to better reflect local industry 2) population growth has slowed dramatically; 3) The California Department of Finance's forecast update is dramatically lower than prior projection; and 4) housing growth may not slow as much as population growth with an older population more likely to live alone. The next steps in the process are 1) schedule one-on-one meetings with local jurisdictions to discuss draft forecast and obtain local planning data and info; 2) AMBAG Board is scheduled to accept regional numbers in March 2020; and 3) subregional disaggregation to the jurisdictions to follow with the draft ready in early summer 2020. Lengthy discussion followed.

Director Wizard had questions on the draft 2022 Regional Growth Forecast.

Heather Adamson, Director of Planning stated that she would follow-up on Director Wizard's questions and would provide answers as soon as possible.

### **13. ADJOURNMENT**

The Board of Directors meeting adjourned at 7:05 p.m.

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Steve McShane, President

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Maura F. Twomey, Executive Director

# DRAFT

## AMBAG BOARD OF DIRECTORS MEETING ATTENDANCE & VOTING RECORD

BOARD MEETING DATE: February 12, 2020

Attendance (X= Present; AB= Absent) Voting (Y= Yes; N=No; A=Abstain)					
MEMBER	AMBAG REP	Attendance	Item# 10	Item# 11.A	--
Capitola	Kristen Petersen	X	Y	Y	-
Carmel-by-the-Sea	Bobby Richards	AB	-	-	-
Del Rey Oaks	Louise Goetzelt	X	Y	Y	-
Gonzales	Scott Funk	X	Y	Y	-
Greenfield	Lance Walker	AB	-	-	-
Hollister	Carol Lenoir	X	Y	Y	-
King City	Carlos Victoria	X	Y	Y	-
Marina	Lisa Berkley	X	Y	Y	-
Monterey	Alan Haffa	X	Y	Y	-
Pacific Grove	Jenny McAdams	AB	-	-	-
Salinas	Steve McShane	X	Y	Y	-
San Juan Bautista	John Freeman	X	Y	Y	-
Sand City	Mary Ann Carbone	X	Y	Y	-
Santa Cruz	Justin Cummings	X	Y	Y	-
Scotts Valley	Derek Timm	X	Y	Y	-
Seaside	Jon Wizard	X	Y	Y	-
Soledad	Carla Stewart	AB	-	-	-
Watsonville	Felipe Hernandez	AB	-	-	-
County-Monterey	Mary Adams	X	Y	Y	-
County-Monterey	John Phillips	X	Y	Y	-
County-Santa Cruz	Bruce McPherson	AB	-	-	-
County-Santa Cruz	Greg Caput	X	Y	Y	-
County-San Benito	Jim Gillio	AB	-	-	-
County-San Benito	Mark Medina	X	Y	Y	-

(\* = Board Member(s) arrived late or left early, therefore, did not vote on the item. Please refer the minutes)



**MEMORANDUM**

**TO:** AMBAG Board of Directors

**FROM:** Maura F. Twomey, Executive Director

**RECOMMENDED BY:** Will Condon, Planner

**SUBJECT:** AMBAG Regional Clearinghouse Monthly Newsletter

**MEETING DATE:** March 11, 2020

**RECOMMENDATION:**

It is recommended that the Board of Directors accept the February 2020 Clearinghouse monthly newsletter.

**BACKGROUND/DISCUSSION:**

Since March 12, 1984, under adopted State Clearinghouse Procedures, the Association of Monterey Bay Area Governments (AMBAG) was designated the regional agency responsible for clearinghouse operations in Monterey, San Benito and Santa Cruz Counties. These procedures implement Presidential Executive Order 12372 as interpreted by the "State of California Procedures for Intergovernmental Review of Federal Financial Assistance and Direct Development Activities." They also implement the California Environmental Quality Act of 1970 as interpreted by CEQA Guidelines.

The purpose of the Clearinghouse is to provide all interested parties within the Counties of Monterey, San Benito and Santa Cruz notification of projects for federal financial assistance, direct federal development activities, local plans and development projects and state plans that are proposed within the region. These areawide procedures are intended to be coordinated with procedures adopted by the State of California.

**FINANCIAL IMPACT:**

There is no direct financial impact. Staff time for monitoring clearinghouse activities is incorporated into the current AMBAG Overall Work Program and budget.

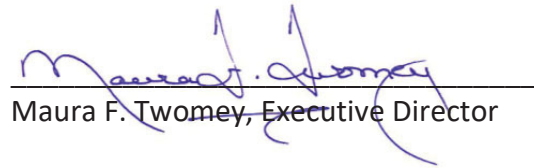
**COORDINATION:**

Notices for the Clearinghouse are sent by lead agencies to AMBAG. Interested parties are sent email notifications twice a month with the newsletter attached.

**ATTACHMENT:**

1. Monthly Newsletter - Clearinghouse items February 1 – February 29, 2020.

**APPROVED BY:**



Maura F. Twomey, Executive Director

## AMBAG REGIONAL CLEARINGHOUSE – ATTACHMENT 1

The AMBAG Board of Directors will review these items on 3/11/2020

Association of Monterey Bay Area Governments P.O. Box 2453, Seaside, CA 93955 / 831.883.3750

### ENVIRONMENTAL DOCUMENTS

<b>20200207 – UC Santa Cruz Long Range Development Plan</b>
The University of California Erika Carpenter 831-212-0187
Notice of Preparation (NOP) Environmental Impact Report (EIR)
<p>The University of California, Santa Cruz (UC Santa Cruz), Long Range Development Plan (LRDP) is a comprehensive land use plan that guides the physical development necessary to achieve the campus' mission. The LRDP establishes a land use framework for, academic and administrative space needs, housing, open space, circulation and other land uses that ultimately facilitate the appropriate siting of capital projects. All UC campuses are required to prepare a Long Range Development Plan to guide physical campus development.</p> <p>The proposed UC Santa Cruz LRDP would replace the 2005 LRDP for the campus and identifies land uses to support the academic mission of UC Santa Cruz through 2040. The LRDP campus population forecast is 28,000 Full-Time Equivalent (FTE) students<sup>1</sup> and 5,000 FTE faculty and staff. To accommodate the projected increase in campus population, the LRDP proposes to add 8,500 student housing beds,<sup>2</sup> up to 550 employee housing units, and approximately 2,800,000 assignable square feet (ASF) of academic and administrative building space. The LRDP land use plan supports potential growth on the UC Santa Cruz main residential campus and the Westside Research Park located at 2300 Delaware Avenue in the City of Santa Cruz.</p> <p>SCOPING SESSIONS: Written comments on the NOP may also be provided at two public scoping sessions on Thursday, March 12, 2020: Location: Merrill Cultural Center Address: UC Santa Cruz, 200 McLaughlin Dr., Santa Cruz, CA Time: 12:00 to 2:00 pm</p> <p>Location: Louden Nelson Community Center, Room 3 Address: 301 Center Street, Santa Cruz, CA Time: 6:00 to 8:00 pm</p>
Project is located in Santa Cruz County Parcel: N/A
Public hearing information: Merrill Cultural Center, UC Santa Cruz, 200 McLaughlin Dr., Santa Cruz, CA 95064 3/12/2020 @ 12:00 pm.
Public review period ends: Monday, March 30, 2020

<b>20200205 – CVR HSGE LLC (Carmel Valley Ranch)</b>
Monterey County Resource Management Agency - Planning Son Pham-Gallardo 831-775-5226
Notice of Intent (NOI) Negative Declaration (Neg)
After-the-fact Design Approval for the construction of approximately 7,200 square foot horse stable (20 horse stalls covered by a structure of 4,800 sq. ft.); 648 square foot hay barn; and a gate entryway for non-commercial use which will clear Code Enforcement violation (18CE00047).
Project is located in Monterey County Parcel: 416522020000
Public hearing information: Monterey County Board of Supervisors Chambers, 168 West Alisal, 2 <sup>nd</sup> Floor, Salinas, CA 93901 5/13/2020 @ 9:00 am.
Public review period ends: Friday, March 20, 2020

<b>20200204 – Miller Clinton F. Jr. &amp; Karen V. Trust, Aka “Miller Trust Commercial Project”</b>
Monterey County Resource Management Agency Mary Israel 831-755-5025
Notice of Preparation (NOP) Environmental Impact Report (EIR)
Combined Development Permit consisting of: 1) Preliminary Vesting Tentative Parcel Map to re-subdivide 6 existing parcels into 3 parcels and a remainder parcel consisting of Lot 1: 178,695 square foot commercial building, 20,000 square foot garden center and parking; Lot 2: well & tank lot with well & storage tank for irrigation and fire flow; Lot 3: San Juan Road right-of-way conveyance to the County of Monterey; 2) General Development Plan; and 3) Use Permits for a 178,695 square foot commercial building, 20,000 square foot garden center and parking. The project includes 10,000 cubic yards of grading and an Encroachment Permit from Monterey County Public Works to deepen the county stormwater detention basin (Assessor's Parcel Number 117- 381-031-000) and elevate the building above flood level. The project is zoned Heavy Commercial ("HC") and Farmlands, 40 acre minimum ("F/40").
Project is located in Monterey County Parcel: 117381010000
Public hearing information: Our Lady of the Assumption Church, 100 Salinas Rd, Pajaro, CA 95076 2/20/2020 @ 4:00 pm.
Public review period ends: Thursday, March 12, 2020



<b>20200206 – Campus Town Specific Plan Project</b>
City of Seaside Economic Development Department Kurt Overmeyer 831-899-6731
Notice of Availability Final Environmental Impact Report
The proposed project includes various entitlements which allow the construction and operation of up to 1,485 housing units, 250 hotel rooms, 75 hostel beds, 150,000 square feet (sf) of Retail, Dining, and Entertainment, and 50,000 sf of Office, Flex, Makerspace (collaborative workspace) and Light Industrial, as well as park/recreational areas (including approximately nine acres of public open space and 3.3 acres of private open space), roadways, parking and supporting infrastructure, on approximately 122.23 acres ("Project"). A Final Environmental Impact Report (EIR) has been prepared to assess potential impacts of the Project, consistent with the requirements of the California Environmental Quality Act (CEQA) and CEQA Guidelines. The City Council will consider the Planning Commission's February 12, 2020 recommendation to approve the Campus Town Specific Plan, General Plan Circulation Element amendments, Zoning Map and Text Amendments creating the "Campus Town Specific Plan" District, the Development Agreement, Vesting Tentative Subdivision Map, and Inclusionary (Affordable) Housing Agreement for the Campus Town Property. The City Council will consider: certification of a Final EIR, including the Water Supply Assessment, and adoption/approval of Findings, a Mitigation Monitoring Reporting Plan (MMRP), approval of the proposed project or an alternative, approval of the Campus Town Specific Plan, approval of the General Plan Circulation Element amendments, approval of the Zoning Map and Text Amendments creating the "Campus Town Specific Plan" District, approval of the Development Agreement, approval of the Vesting Tentative Subdivision Map, and approval of the Inclusionary (Affordable) Housing Agreement for the Campus Town Property. Project approvals will be made through adoption of resolutions and ordinances.
Project is located in Monterey County Parcel: N/A
Public hearing information: Seaside City Council Chambers, 440 Harcourt Ave, Seaside, CA 93955 3/5/2020 @ 7:00 pm.
Public review period ends: Thursday, March 5, 2020

<b>20200203 – Costco Fueling Station Addition Project</b>
City of Seaside Rick Medina 831-899-6726
Notice of Intent (NOI) Mitigated Negative Declaration (MND)
The proposed project consists of the construction of a 24-pump gasoline fueling station. The 24-pump fueling station would be an addition to the existing Costco Warehouse located across Del Monte Boulevard to the west. The fueling station would be owned and operated by Costco Wholesale Corporation and would be a membership fueling station in which gasoline products would only be available for purchase by active Costco members. The proposed project would include a 6,768 square foot (sq. ft.) fueling canopy which would cover three fueling bays with four multi-product dispensers (gasoline pumps) each, and each gasoline pump could fuel two cars at once. In addition, the proposed project would include three 40,000-gallon gasoline underground storage tanks (UST) and one 1,500-gallon UST, three remote fill ports, a controller enclosure, and associated site improvements such as landscaping, directional ground painting, and an exit only driveway onto Del Monte Boulevard. The proposed project site is located in the City's Automotive Regional Commercial (CA) zone and would require a text amendment to the City's Municipal Code to allow the proposed project as a conditional use.
Project is located in Monterey County Parcel: 011523018000
Public hearing information: Seaside City Hall Council Chambers, 440 Harcourt Ave., Salinas, CA 93955 3/11/2020 @ 7:00 pm.
Public review periods ends: Monday, February 24, 2020

<b>20200202 – Pajaro Flood Risk Management Project</b>
Santa Cruz County Flood Control and Water Conservation District Antonella Gentile 831-454-2385
Notice of Preparation (NOP) Environmental Impact Report (EIR)
The project purpose is to reduce the probability and consequences of flooding in the City of Watsonville, the Town of Pajaro, and surrounding agricultural lands. The project objectives are as follows: 1. Reduce flood risk to human life, safety, homes, local economy, and critical infrastructure in the City of Watsonville, Town of Pajaro, and surrounding unincorporated lands as soon as possible. 2. Certify and accredit flood risk reduction facilities that meet FEMA standards in urban areas. 3. Construct a project within local financial capacity and authority that leverages State, Federal and nongovernmental organization investment. 4. Integrate multi-benefit project features, including, but not limited to: groundwater recharge, agricultural land preservation, habitat enhancement, water quality protection, improved public access, open space expansion, recreational opportunities, and economic development, when consistent with the project purpose and other project objectives. 5. Incorporate environmentally sustainable designs and construction techniques, adaptive management approaches and climate change considerations to minimize future maintenance requirements and related environmental impacts. 6. Improve natural geomorphic processes and ecological functions in conjunction with other flood risk management features in the project area. 7. Construct a project that is politically, socially, economically, and environmentally acceptable. The No-Project Alternative and three Project alternatives have been developed: 1) Proposed Project alternative; 2) Federal Project alternative; and 3) Basic Project alternative. To achieve desired flood risk reductions, the Project will consider constructing new setback and tieback levees, improving existing levees by raising levee heights or adding floodwalls, and installing sheet pile walls and erosion protection.
Project is located in Santa Cruz County Parcel: N/A
Public hearing information: Watsonville Civic Plaza Community Room, 275 Main Street, 4 <sup>th</sup> Floor, Watsonville, CA 96076 2/10/2020 @ 6:00 pm.
Public review periods ends: Tuesday, February 25, 2020

More detailed information on these projects is available by calling the contact person for each project or through AMBAG at (831) 883-3750. Comments will be considered by the AMBAG Board of Directors in its review. All comments will be forwarded to the applicants for response and inclusion in the project application. If substantial coordination or conflict issues arise, the Clearinghouse can arrange meetings between concerned agencies and applicants.

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**MEMORANDUM**

**TO:** AMBAG Board of Directors

**FROM:** Maura F. Twomey, Executive Director

**RECOMMENDED BY:** Elisabeth Bertrand, Special Projects Director

**SUBJECT:** AMBAG Energy Watch Update Report

**MEETING DATE:** March 11, 2020

**RECOMMENDATION:**

It is recommended the Board of Directors accept this report.

**BACKGROUND/ DISCUSSION:**

**CPUC Funding Cycle Background**

The AMBAG Energy Watch program has existed since 2006 and has been awarded funding by the California Public Utilities Commission, (CPUC), during each of the seven funding cycles; the 2006-08 cycle, the 2009 cycle, the 2010-12 cycle, the 2013-14 cycle, the 2015 cycle, the 2016-18 cycle and most recently, the 2019 through June 30<sup>th</sup> 2020 cycle.

The program elements funded by the AMBAG Energy Watch program materialized out of a collaborative working process with the AMBAG Energy Advisory Committee. This committee includes staff from all AMBAG member jurisdictions, business interest groups, non-profit organizations, community groups, PG&E representatives, and AMBAG staff. The programs that were developed support the specific energy efficiency needs of jurisdictions in two main areas; serving jurisdictional businesses, schools, and non-profits and in directly supporting the jurisdiction's own energy efficiency and energy cost reduction efforts. In addition, Energy Watch programs play a major role in completing jurisdiction-level greenhouse gas inventories and providing baseline data to assist with development of energy and climate action plans for the region's jurisdictions.

It was the intent of the CPUC to begin structuring programs in longer cycles, referred to as a "Rolling Portfolio", beginning in 2015, with the target of developing a ten year rolling cycle. As of 2019, the CPUC is currently in Phase II of a three phase rulemaking process regarding the implementation of the "Rolling Portfolio". As such the goal of longer program cycles remains

PG&E then released an RFA on May 21, 2019 for serving local governments/the public sector from July 2020 moving forward for a three year contract period. AMBAG Energy Watch responded to this RFA and was then selected by PG&E as a part of the limited pool invited to respond to the RFP. This RFP response was submitted to PG&E by the December 2019 submission timeline. PG&E has notified the pool of RFP responders that they will not be able to provide the results from the RFP solicitation at the beginning of February, 2020 as originally communicated. Instead information on the results of the RFP solicitation will be released at some point in March, 2020.

## **Energy Watch Program Elements**

### **2019 Program Final Reporting**

AMBAG Energy Watch staff will be implementing a transition year program for 2019 and the first six months of 2020. Given that the CPUC has structured this as an eighteen month transition year, program elements will remain the same for the first 12 months and then will continue with a further transition during the second six months. We targeted to achieve 6,000,000 kWh in energy savings through energy efficiency projects for 2019. The Energy Watch program exceeded its 2019 energy efficiency goal by completing energy projects projected to save 6,711,519 kWh of energy annually.

In the first quarter of 2020 the AMBAG Energy Watch is targeting to achieve 900,000 kWh in energy savings.

## **Program Participants**

### **School Districts**

The State of California, over five years, has been releasing funding through Proposition 39 to help schools implement energy efficiency and conservation. To receive this funding, the school districts must comply with the Proposition 39: California Clean Energy Jobs Act – 2013 Program Implementation Guidelines. These guidelines include requirements such as energy benchmark their facilities, identify the energy projects they want to complete and the efficiency metrics related to the projects and prepare and submit the funding application to the California Energy Commission (CEC).

AMBAG Energy Watch staff worked with 2 school districts and one charter school to create amendments to their proposition 39 Energy Expenditure Plans. As per the California Energy Commission guidelines school districts have to amend their plans when the costs or scope of projects change by more than 15 percent. AMBAG staff worked with district staff at Carmel Unified School District, Monterey Peninsula Unified School District and Hollister prep to identify

The Monterey Peninsula Unified School District has initiated a bidding process to finish installing interior LED lighting at five school Gyms. Once installed the new lights will save the district more than 20,000 annual kWh and \$4,000 per year.

The Hollister School District is working with a contractor to install new LED lighting at the Rancho San Justo Middle School. Once installed the new lights will save the district more than 50,000 annual kWh and \$8,000 per year.

### **Small Business, Agriculture, and Non-Profits**

AMBAG Energy Watch works with all of our local businesses to reduce energy use by installing energy efficient retrofits. The program supports non-profits, agriculture, hospitality, retail stores, offices, and all small business. The Energy Watch program has served 50 small businesses, agriculture and non-profits in the 2019 program.

### **Municipal Jurisdictions and Special Districts**

AMBAG Energy Watch works with all of the AMBAG jurisdictions on all types of energy efficiency projects, including lighting HVAC, water, and wastewater facility equipment, etc. The program provides technical support on fund acquisition through the CEC loan program and through PG&E % On-Bill financing (OBF) in addition to energy efficiency project identification and implementation.

AMBAG Energy Watch is working with the City of Watsonville to complete a retrofit at the Senior Center. Once the project is complete the city will save over 10,000 annual kWh as well as over \$2,500 per year.

AMBAG Energy Watch assisted the city of Santa Cruz in obtaining an On Bill Financing Loan to complete a boiler replacement at the Loudon Nelson Community Center and pool heater replacements at the Harvey West Pool. The OBF loan was approved with the installation phase of the project soon to follow. Once complete, the new equipment is expected to save the city more than 44,000 annual kWh, over 18,000 therms and over \$29,000 per year.

### **Education and Training**

AMBAG Energy Watch works to organize education and training opportunities for all jurisdictional staff as well as for community stakeholders. Since 2006, AMBAG Energy Watch has organized over 70 Energy Action Committee meetings where public sector staff is invited to

AMBAG Energy Watch staff organized a lunch and learn tour of an extremely energy efficient house currently under construction for elected officials and jurisdictional staff. The house is being built to the Passive House standards and representatives from Capitola, Carmel, Monterey, Scotts Valley, Watsonville and the County of San Benito were able to receive an in-depth presentation about the building materials and energy load reducing measures, as well as tour the house.

AMBAG Energy Watch staff promoted the new Online PG&E learning Platform to community stakeholders and jurisdictional staff. The platform offers a variety of classes relating to energy efficiency, codes and standards, renewable energy, and building trades best practices at no cost. AMBAG recommended the “2019 Title 24, where we are headed with the nonresidential standards” training to stakeholders, in order to encourage familiarity with the new energy efficiency requirements in nonresidential buildings.

AMBAG Energy Watch staff is working with PG&E staff to bring a water and wastewater energy efficiency training to the AMBAG region, in order to give jurisdictional staff the opportunity to learn about new cutting edge technologies.

### **Greenhouse Gas Inventories and Climate Action Planning**

AMBAG Energy Watch works to complete Greenhouse Gas (GHG) Inventories for all AMBAG Jurisdictions. Staff completed Community-wide GHG Inventories for all jurisdictions in 2005, 2009, 2010 and 2015 as well as a baseline Municipal GHG Inventories for all AMBAG jurisdictions in 2005. AMBAG Energy Watch has also been able to use the inventories to create a regional roll-up inventory and assist jurisdictions with climate action planning activities.

AMBAG Energy Watch staff is working with the city of Pacific Grove to complete their 2018 Municipal GHG Inventory. This inventory will be used to identify how Pacific Grove’s efforts to reduce energy use through energy efficiency have translated into GHG reductions compared to the original baseline inventory.

AMBAG Energy Watch is working with the City of Carmel, the City of Salinas and the City of Watsonville to complete Community-wide GHG Inventories. All three cities are in the exploratory stages of their climate action planning process and the inventories will serve as a starting point to forecast future emissions as well as identify potential GHG reduction measures.

### **ALTERNATIVES:**

There are no alternatives to discuss as this is an informational report.



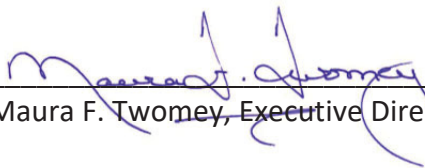
**FINANCIAL IMPACT:**

The budget is fully funded under the 2019 Energy Watch contract with PG&E.

**COORDINATION:**

AMBAG Energy Watch staff is coordinating with the CPUC, Pacific Gas & Electric Company Energy Watch program management, local jurisdictions, local community stakeholders and the third party contractors that service the AMBAG Energy Watch Program.

**APPROVED BY:**

  
Maura F. Twomey, Executive Director

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**MEMORANDUM**

**TO:** AMBAG Board of Directors

**FROM:** Maura F. Twomey, Executive Director

**RECOMMENDED BY:** Bhupendra Patel, Director of Modeling, Ph.D

**SUBJECT:** Draft Amendment No. 3 to the FY 2019-20 Overall Work Program (OWP) and Budget

**MEETING DATE:** March 11, 2020

**RECOMMENDATION:**

Approve the Draft Amendment No. 3 to the FY 2019-20 OWP and Budget.

**BACKGROUND/ DISCUSSION:**

The Fixing America's Surface Transportation (FAST) Act calls for the development of the Overall Work Program (OWP) and Budget by the federally designated Metropolitan Planning Organization (MPO). The Association of Monterey Bay Area Governments (AMBAG), as the federally designated MPO for the tri-county (Monterey, San Benito and Santa Cruz Counties) Monterey Bay Region, annually develops and maintains the OWP and Budget.

The FY 2019-20 OWP and Budget was developed in consultation and coordination with the region's Regional Transportation Planning Agencies (RTPA), transit operators, Caltrans, Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). It includes transportation and air quality related planning activities proposed for the Monterey Bay Region for the fiscal year July 1, 2019 to June 30, 2020.

The FY 2019-20 OWP and Budget was approved by the AMBAG Board of Directors at their May 8, 2019 meeting and was jointly approved by FHWA and FTA on June 27, 2019.

The OWP and Budget is subject to periodic adjustments resulting from changes in activities as well as revisions in revenues and expenditures during the fiscal year. The proposed Draft Amendment No. 3 to the FY 2019-20 OWP and Budget accounts for the following changes:

Adds the following new work elements:

- **WE 331: AMBAG Community-wide Greenhouse Gas Inventory for Local Jurisdictions Program:** AMBAG will complete annual Community-wide GHG Inventories for the jurisdictions in the Monterey Bay Community Power territory and six San Luis Obispo County jurisdictions, and provide technical expertise to assist in the completion of annual Community-wide GHG Inventories in nine Santa Barbara County jurisdictions.
- **WE 343: Local Government Planning Support Grants Program – Housing:** The 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 was selected as the fiscal agent for the REAP funding in the Central Coast. This work element will develop the framework for allocating the funding equitably to all the Central Coast Council of Governments (COGs) and jurisdictions and meet the specific objectives outlined in the legislation.

Draft Amendment No. 3 to FY 2019-20 OWP and Budget is separately enclosed (Attachment 1) with the agenda and also available to view/download on AMBAG's website [www.ambag.org](http://www.ambag.org).

**ALTERNATIVES:**

None.

**FINANCIAL IMPACT:**

Staff time to carry out OWP and Budget activities is funded through FHWA PL, FTA 5303, other State and local funds as programmed in the approved FY 2019-20 OWP and Budget.

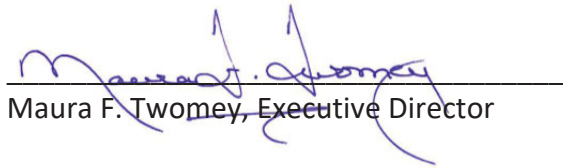
**COORDINATION:**

Preparation of Draft Amendment No. 3 to the FY 2019-20 OWP and Budget has been coordinated with transit operators, San Benito Council of Governments, Transportation Agency for Monterey County, Santa Cruz Regional Transportation Commission, California Department of Transportation (Caltrans), Federal Highway Administration (FHWA) and Federal Transit Administration (FTA).

**ATTACHMENT:**

1. Draft Amendment No. 3 to the FY 2019-20 AMBAG OWP and Budget (separately enclosed)

**APPROVED BY:**



Maura F. Twomey, Executive Director

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**MEMORANDUM**

**TO:** AMBAG Board of Directors

**FROM:** Maura F. Twomey, Executive Director

**RECOMMENDED BY:** Errol Osteraa, Director of Finance and Administration

**SUBJECT:** Financial Update Report

**MEETING DATE:** March 11, 2020

**RECOMMENDATION:**

Staff recommends that the Board of Directors accept the Financial Update Report.

**BACKGROUND/ DISCUSSION:**

The enclosed financial reports are for the 2019-2020 Fiscal Year (FY) and are presented as a consent item. The attached reports contain the cumulative effect of operations through January 31, 2020 as well as a budget-to-actual comparison. Amounts in the Financial Update Report are unaudited.

**FINANCIAL IMPACT:**

The Balance Sheet for January 31, 2020 reflects a cash balance of \$745,807.50. The accounts and contractors receivable balance is \$553,072.63, while the current liabilities balance is \$215,951.29. AMBAG has sufficient current assets on hand to pay all known current obligations.

Due to the implementation of Governmental Accounting Standards Board (GASB) Statement No. 68 in FY 2014-2015 and a restatement to Net Position for GASB Statement No. 82, AMBAG has a deficit Net Position in the amount of \$137,643.85. Although AMBAG's Balance Sheet as of January 31, 2020 reflects a deficit Net Position, AMBAG's Profit and Loss Statement reflects an excess of revenue over expense of \$66,281.24. As we make efforts to pay the outstanding pension liability, AMBAG's Net Position will continue to improve.

*Planning Excellence!*

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The following table highlights key Budget to Actual financial data:

**Budget to Actual Financial Highlights**  
**For Period July 1, 2019 through January 31, 2020**

<b>Expenditures</b>	<b>Budget Through January 2020</b>	<b>Actual Through January 2020</b>	<b>Difference</b>
Salaries & Fringe Benefits	\$ 1,503,493.00	\$ 1,288,936.70	\$ 214,556.30
Professional Services	\$ 465,558.00	\$ 441,196.53	\$ 24,361.47
Lease/Rentals	\$ 53,083.00	\$ 47,554.52	\$ 5,528.48
Communications	\$ 14,467.00	\$ 10,813.36	\$ 3,653.64
Supplies	\$ 64,002.00	\$ 10,876.33	\$ 53,125.67
Printing	\$ 6,621.00	\$ 2,828.84	\$ 3,792.16
Travel	\$ 52,588.00	\$ 19,563.69	\$ 33,024.31
Other Charges	\$ 180,408.00	\$ 191,800.00	\$ (11,392.00)
<b>Total</b>	<b>\$ 2,340,220.00</b>	<b>\$ 2,013,569.99</b>	<b>\$ 326,650.03</b>
<b>Revenue</b>			
Federal/State/Local Revenue	\$ 2,360,975.00	\$ 2,079,851.23	\$ 281,123.77

Note: AMBAG is projecting a surplus, therefore budgeted revenues do not equal expenses.

**Revenues/Expenses (Budget to Actual Comparison):**

The budget reflects a linear programming of funds while actual work is contingent on various factors. Therefore, during the fiscal year there will be fluctuations from budget-to-actual.

Salaries and fringe benefits are under budget primarily due to positions that were vacant for portions of the fiscal year.

Professional Services are under budget primarily due to the timing of work on projects performed by contractors. These projects include the Central Coast Highway 1 Climate Resiliency Study and the development of an Activity-Based Model (ABM) Framework for the Central Coast Supra-Region (AMBAG, SLOCOG and SBCAG). In addition, work has begun on the 2045 Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS). These projects are in various phases of completion.

Since AMBAG funding is primarily on a reimbursement basis, any deviation in expenditure also results in a corresponding deviation in revenue. Budget-to-actual revenue and expenditures are monitored regularly to analyze fiscal operations and propose amendments to the budget if needed.

**COORDINATION:**

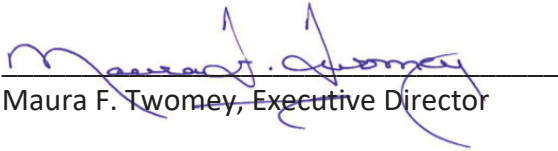
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**ATTACHMENTS:**

1. Balance Sheet as of January 31, 2020
2. Profit and Loss: July 1, 2019 – January 31, 2020
3. Cash Activity for February, 2020

**APPROVED BY:**



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Maura F. Twomey, Executive Director

## Balance Sheet - Attachment 1

As of January 31, 2020

	January 31, 2020	January 31, 2020
<b>Assets</b>		
<b>Current Assets</b>		
Cash and Cash Equivalents		
Mechanics Bank - Special Reserve	300,288.25	9,935.94
Mechanics Bank - Checking	441,409.44	128,913.04
Petty Cash	500.00	77,102.31
LAIF Account	3,609.81	0.00
Total Cash and Cash Equivalents	745,807.50	215,951.29
Accounts Receivable		
Accounts Receivable	424,159.59	
Contractors Receivable	128,913.04	
Total Accounts and Contractors Receivable	553,072.63	
Other Current Assets		
Due from PRWFPA/RAPS	3,435.83	258,986.95
Prepaid Items	18,663.22	1,888,153.69
Total Other Current Assets	22,099.05	(1,642.41)
Total Current Assets	1,320,979.18	82,730.00
<b>Long-Term Assets</b>		
Net OPEB Asset	96,473.00	2,462,562.49
FY 2002-2003 Housing Mandate Receivable	82,186.00	
Allowance for Doubtful Accounts	(16,437.20)	
Deferred Outflows - Actuarial	533,833.49	
Deferred Outflows - PERS Contribution	272,963.59	
Total Long-Term Assets	969,018.88	
<b>Capital Assets</b>		
Capital Assets	188,031.36	(203,925.09)
Accumulated Depreciation	(153,110.78)	66,281.24
Total Capital Assets	34,920.58	(137,643.85)
<b>Total Assets</b>	<b>2,324,918.64</b>	<b>2,324,918.64</b>
<b>Liabilities &amp; Net Position</b>		
<b>Liabilities</b>		
<b>Current Liabilities</b>		
Accounts Payable		9,935.94
Contractors Payable		128,913.04
Employee Benefits		77,102.31
Mechanics Bank - Line of Credit		0.00
Total Current Liabilities		215,951.29
<b>Long-Term Liabilities</b>		
Deferred Inflows - Actuarial		258,986.95
Net Pension Liability (GASB 68)		1,888,153.69
OPEB Liability		(1,642.41)
Retainage Payable		18,382.97
Deferred Revenue		82,730.00
Total Long-Term Liabilities		2,246,611.20
<b>Total Liabilities</b>		<b>2,462,562.49</b>
<b>Net Position</b>		
Beginning Net Position		(203,925.09)
Net Income/(Loss)		66,281.24
Total Ending Net Position		(137,643.85)
<b>Total Liabilities &amp; Net Position</b>		<b>2,324,918.64</b>

**Profit & Loss - Attachment 2**

July 2019 - January 2020

	<u>July 2019 - January 2020</u>
<b>Income</b>	
AMBAG Revenue	175,529.85
Cash Contributions	33,191.21
Grant Revenue	1,759,899.35
Non-Federal Local Match	111,230.82
<b>Total Income</b>	<u>2,079,851.23</u>
<b>Expense</b>	
Salaries	824,890.21
Fringe Benefits	464,046.49
Professional Services	441,196.53
Lease/Rentals	47,554.52
Communications	10,813.36
Supplies	10,876.33
Printing	2,828.84
Travel	19,563.69
Other Charges:	
BOD Allowances	4,000.00
BOD Refreshments/Travel/Nameplates/Dinner/Other	2,127.87
Workshops/Training	4,672.44
GIS Licensing/CCJDC Support	8,005.31
Energy Watch Travel/Classes/Events/Recruitment	1,323.11
SB1/MTIP/MTP/SCS/OWP/Public Participation Expenses	13,477.49
Recruiting	554.90
Climate Resiliency Study	289.32
Dues & Subscriptions	14,836.97
Depreciation Expense	11,109.08
Maintenance/Utilities	448.63
Insurance	19,704.06
Interest/Fees/Tax Expense	20.00
<b>Total Other Charges</b>	<u>80,569.18</u>
Non-Federal Local Match	<u>111,230.82</u>
<b>Total Expense</b>	<u>2,013,569.99</u>
<b>Net Income/(Loss)</b>	<u><u>66,281.24</u></u>

**AMBAG**  
**Cash Activity - Attachment 3**  
**For February 2020**

**Monthly Cash Activity**  
**AMBAG**

	July-19	August-19	September-19	October-19	November-19	December-19	January-20	February-20	March-20	April-20	May-20	June-20	TOTAL
<b>1. CASH ON HAND</b>													
[Beginning of month]	750,647.47	814,801.68	879,766.34	647,829.65	671,561.67	792,515.31	782,788.58	745,807.50	-	-	-	-	-
<b>2. CASH RECEIPTS</b>													
(a) AMBAG Revenue	174,298.77	10,033.84	11,434.86	1,699.19	1,624.86	27.83	7,977.20	14,730.83	-	-	-	-	221,827.38
(b) Grant Revenue	212,552.01	286,567.88	-	294,532.12	370,064.55	269,229.07	245,870.68	223,120.63	-	-	-	-	1,901,936.94
(c) Non-Federal Local Match	-	-	-	-	-	-	-	-	-	-	-	-	-
(d) Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>3. TOTAL CASH RECEIPTS</b>	386,850.78	296,601.72	11,434.86	296,231.31	371,689.41	269,256.90	253,847.88	237,851.46	-	-	-	-	2,123,764.32
<b>4. TOTAL CASH AVAILABLE</b>	1,137,498.25	1,111,403.40	891,201.20	944,060.96	1,043,251.08	1,061,772.21	1,036,636.46	983,658.96	-	-	-	-	-
<b>5. CASH PAID OUT</b>													
(a) Payroll & Related *	253,898.83	176,987.84	178,879.35	200,519.92	180,487.53	184,368.61	225,988.92	104,992.25	-	-	-	-	1,506,123.25
(b) Professional Services	51,087.32	32,343.11	48,648.66	53,610.90	53,519.78	77,722.21	40,471.25	75,952.57	-	-	-	-	433,355.80
(c) Capital Outlay	-	-	-	-	-	-	-	-	-	-	-	-	-
(d) Lease/Rentals	7,046.80	6,313.23	6,513.39	6,768.61	6,745.74	7,090.90	6,700.82	6,688.26	-	-	-	-	53,867.75
(e) Communications	2,267.51	1,813.13	1,075.58	1,839.15	649.27	1,898.67	2,242.83	1,101.41	-	-	-	-	12,887.55
(f) Supplies	2,366.56	1,212.45	915.14	3,555.06	560.92	1,203.91	1,093.87	558.74	-	-	-	-	11,466.65
(g) Printing	5.38	-	40.91	-	500.00	2,183.19	104.74	-	-	-	-	-	2,834.22
(h) Travel	2,275.72	2,854.74	2,121.67	1,731.51	4,958.08	3,083.90	1,969.10	3,003.86	-	-	-	-	21,998.58
(i) Other Charges	3,748.45	10,112.56	5,176.85	4,474.14	3,314.45	1,432.24	12,257.43	5,916.85	-	-	-	-	46,432.97
(j) Non-Federal Local Match	-	-	-	-	-	-	-	-	-	-	-	-	-
(k) Loan Repayment	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>6. TOTAL CASH PAID OUT</b>	322,696.57	231,637.06	243,371.55	272,499.29	250,735.77	278,983.63	290,828.96	198,213.94	-	-	-	-	2,088,966.77
<b>7. CASH POSITION</b>	814,801.68	879,766.34	647,829.65	671,561.67	792,515.31	782,788.58	745,807.50	785,445.02	-	-	-	-	-

Payroll & Related \* Does not include February 29, 2020 payroll expenses



**MEMORANDUM**

**TO:** AMBAG Board of Directors

**FROM:** Maura F. Twomey, Executive Director

**RECOMMENDED BY:** Bhupendra Patel, Director of Modeling, Ph.D

**SUBJECT:** Draft FY 2020-21 Monterey Bay Region Overall Work Program (OWP) and Budget

**MEETING DATE:** March 11, 2020

**RECOMMENDATION:**

The Draft FY 2020-21 Monterey Bay Region Overall Work Program (OWP) and Budget is provided for Board review and comments.

**BACKGROUND/ DISCUSSION:**

The Fixing America's Surface Transportation (FAST) Act calls for the development of the Overall Work Program (OWP) and Budget by the federally designated Metropolitan Planning Organization (MPO). The Association of Monterey Bay Area Governments (AMBAG), as the federally designated MPO for the tri-county (Monterey, San Benito and Santa Cruz Counties) Monterey Bay Region, annually develops and maintains the OWP and Budget. The AMBAG OWP and the Budget are linked documents.

The Draft FY 2020-21 OWP is developed in consultation and coordination with the Caltrans, Federal Highway Administration (FHWA), Federal Transit Administration (FTA) and region's Regional Transportation Planning Agencies (RTPA) and transit operators. The Draft FY 2020-21 OWP includes metropolitan transportation and air quality related planning projects/activities proposed for the Monterey Bay Region for the state fiscal year starting July 1, 2020 and ending June 30, 2021.

The separately enclosed Draft FY 2020-21 OWP is the same draft that was provided to Federal and State agencies for their early review and comments on March 2, 2020. Staff is expecting to receive their comments by March 30, 2020. The final FY 2020-21 OWP and Budget is scheduled for adoption at the May 13, 2020 AMBAG Board of Directors meeting.

## **Draft FY 2020-21 AMBAG Budget**

Generally, the Overall Work Program (OWP) and the AMBAG Budget are linked documents. The AMBAG Draft FY 2020-21 Budget mirrors the activities and funding as programmed in the Draft FY 2020-21 OWP. Staff will provide a detailed presentation on the Draft FY 2020-21 AMBAG OWP and Budget at the March 11, 2020 Executive/Finance Committee and AMBAG Board of Directors meetings.

AMBAG staff, in consultation with state and federal partners, will work together to incorporate the comments received from FHWA, FTA, Caltrans and the AMBAG Board of Directors, as appropriate, and will present the AMBAG Board of Directors a final Draft FY 2020-21 OWP and Budget at the May 13, 2020 AMBAG Executive/Finance Committee and AMBAG Board of Directors meetings for adoption.

### **ALTERNATIVES:**

None.

### **FINANCIAL IMPACT:**

Staff time to carry out draft OWP and Budget activities is funded through FHWA PL, FTA 5303, other State and local funds, as programmed in the approved FY 2019-20 OWP.

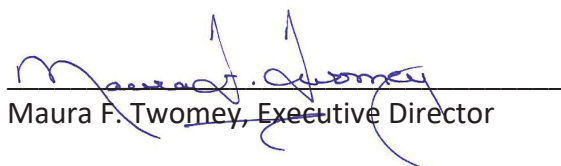
### **COORDINATION:**

Preparation of the Draft FY 2020-21 OWP has been coordinated with the Federal Highway Administration (FHWA), Federal Transit Administration (FTA), California Department of Transportation (Caltrans), Council of San Benito County Governments (SBtCOG), Monterey-Salinas Transit (MST), Santa Cruz County Regional Transportation Commission (SCCRTC), Santa Cruz Metropolitan Transit District (SCMTD) and Transportation Agency for Monterey County (TAMC).

### **ATTACHMENT:**

1. Draft FY 2019-20 Overall Work Program and Budget (**separately enclosed**)

### **APPROVED BY:**

  
Maura F. Twomey, Executive Director



**MEMORANDUM**

**TO:** AMBAG Board of Directors

**FROM:** Maura F. Twomey, Executive Director

**RECOMMENDED BY:** Heather Adamson, Director of Planning

**SUBJECT:** Draft 2022 Regional Growth Forecast

**MEETING DATE:** March 11, 2020

**RECOMMENDATION:**

In February 2020, the draft tri-county regional employment, population and housing projections were presented. The Board of Directors is asked to accept the regional forecast numbers and direct staff to begin the disaggregation process to the county and city level.

**BACKGROUND/DISCUSSION:**

Every four years, AMBAG updates its regional forecast for population, housing and employment to support the development of the Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS), Regional Travel Demand Model and other planning efforts.

The regional growth forecast projects the region's population, employment and housing numbers for the tri-county area of Monterey County, San Benito County and Santa Cruz County. The purpose of the regional growth forecast is to show likely changes in employment, population and housing in the region between 2015 and 2045, based on the most current information available. As growth patterns change over time, the forecast is updated on a regular basis to reflect the most current and accurate information available.

This forecast is used to inform regional and local planning projects such as the MTP/SCS, transportation projects, corridor studies, and economic activity analyses. Results from this forecast are used as inputs in the Regional Travel Demand Model to forecast travel patterns.

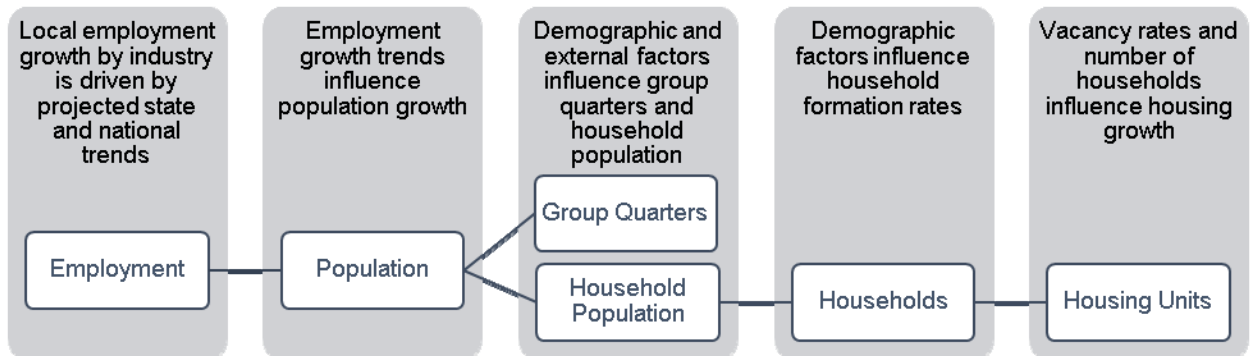
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In the 2022 Draft Regional Growth Forecast (RGF) for the AMBAG region, employment is expected to grow at a rate slightly lower than the rate predicted in the prior forecast, and population is expected to grow more slowly. Overall, the draft 2022 housing forecast is lower than the prior forecast, reflecting recent changes in demographic trends.

## Methodology

As shown in the flow chart below, the forecast is based on a methodology that predicts employment growth using a model based on local data as well as state and national trends. Population growth is then driven by employment growth. Household and housing growth are driven by population growth, demographic factors, and external factors (explained below). This approach was vetted and approved by the AMBAG Board of Directors in 2014 for use in the 2035 MTP/SCS, and again in 2018 for use in the 2040 MTP/SCS. While the methodology for the Draft 2022 RGF remains the same as the prior two forecasts, the models have been updated to include current data, a revised base year of 2015 and a new horizon year of 2045.

## Forecast Process



**Employment:** Employment growth by industry is driven by projected national and statewide trends for all industries in the region using a shift-share model.

**Population:** Employment growth trends influence population growth. The forecast of total population is based on historical trends in the ratio of population to employment in AMBAG region.

Projections of demographic characteristics (i.e., population by age, sex, and race/ethnicity) in the 2022 RGF rely on a proportional approach based on demographic projections from the California Department of Finance (DOF).



Household Population and Households: Demographic factors such as age, sex, and race/ethnicity, and external factors such as major group quarters facilities like colleges and universities, and correctional facilities, influence the household population and household formation rates (i.e., the number of people per household).

Housing Units: Housing projections are driven by the household population projection, demographic characteristics of the household population (age, sex, race/ethnicity), household formation rates, and housing vacancy rates. Vacancy rates refer to the proportion of vacant, habitable housing units divided by the number of available housing units.

Data sources include the California Department of Finance, California Employment Development Department, Caltrans, U.S. Bureau of Labor Statistics, and U.S. Census Bureau

### **Results: Employment, Population and Housing**

The draft forecast results are summarized in the text below and in Attachment 1.

The draft 2022 RGF projects that the region will add about 65,500 jobs between 2015 and 2045, for a total of approximately 440,500 jobs by 2045 (See Attachments 1, Jobs). The regional growth rate is slightly lower than state and national forecasts. Furthermore, job growth is expected across all employment sectors. From 2015 to 2045 the fastest growing industries in this draft forecast include utilities, construction, and logistical services, health care and social assistance, and other services. Retail is expected to be the slowest-growing industry, following the trend of nearly two decades of slow growth or decline. Notably, while many models for the U.S. predict declines in agriculture, the AMBAG region is experiencing agricultural job growth.

This draft forecast projects that the region's population will grow by just under 92,400 people between 2015 and 2045, for a total population of 858,000 in 2045 (See Attachment 1, Population). This is lower than prior forecasts and reflects the slowing growth rates seen at both the state and national level due to declining fertility rates, stalled improvements in life expectancy, and lower international migration. This revised growth trend also reflects the most current population estimate for the region through 2019. In addition to slower growth, the new forecast predicts an older age distribution, with a larger proportion of the population age 75 and older.

An aging population affects the household and housing unit forecasts. While population growth will slow, which reduces future housing demand, older people are more likely to live alone or in small households. This shift has an upward effect on housing demand.

The net result is that the region is expected to build just over 40,400 housing units between 2015 and 2045, for a total of slightly more than 303,000 units (See Attachments 1, Housing Units).

AMBAG staff is coordinating with all local jurisdictions, Local Agency Formation Commissions and both major universities to discuss the draft regional growth forecast estimates and to gather local input on recent development and growth activities at the local level. These one-on-one meetings were held in February and March 2020.

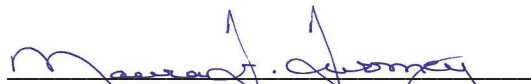
### **Next Steps**

Once the Board of Directors accept the draft 2022 regional growth numbers, staff will begin the process to disaggregate the tri-county regional forecast at both the county- and jurisdiction-level for the employment, population and housing estimates. A draft of the disaggregated estimates will be ready for review and discussion in late spring/early summer. AMBAG will continue to work closely with local jurisdictions and gather information to ensure that the most current local data is incorporated into the forecast and to ensure consensus on the process. A third round of one-on-one meetings will be scheduled to discuss the draft disaggregated forecast estimates in late spring/early summer.

### **ATTACHMENT:**

1. DRAFT 2022 Regional Growth Forecast Summary

### **APPROVED BY:**

  
Maura F. Twomey, Executive Director

## Attachment 1: DRAFT 2022 Regional Growth Forecast Summary

### Historical and Forecast Jobs, Population, and Housing, 2000-2045

	Historical					Draft 2022 Regional Growth Forecast				
	2000	2005	2010	2015	2020	2025	2030	2035	2040	2045
<b>Jobs (total, all industries)</b>	<b>352,210</b>	<b>357,110</b>	<b>349,410</b>	<b>375,010</b>	<b>403,955</b>	<b>407,692</b>	<b>415,807</b>	<b>423,520</b>	<b>431,822</b>	<b>440,499</b>
Agriculture (field work)	28,586	30,557	32,644	36,587	40,066	40,091	40,209	40,336	40,463	40,591
Manufacturing	22,831	19,085	16,348	17,656	19,728	19,802	19,916	20,018	20,121	20,225
Site-based Skilled Trade	39,650	41,048	33,921	38,116	42,895	43,741	44,852	45,639	46,637	47,684
Wholesale (incl. ag)	25,383	26,834	27,852	30,553	33,283	32,768	33,170	33,478	33,785	34,097
Retail (incl. farm stands)	44,257	43,481	40,613	43,261	42,080	42,204	42,528	43,014	43,507	44,008
Financial and Professional Services	42,237	38,970	35,496	35,988	37,135	37,435	38,499	39,621	40,762	41,912
Education	23,873	25,243	26,601	27,125	29,875	30,070	30,738	31,404	32,195	33,086
Health Care and Social Assistance	32,619	36,119	39,919	43,619	47,358	48,885	50,188	51,529	52,917	54,373
Other Services	55,024	55,657	54,683	61,875	68,516	69,056	71,223	73,227	75,250	77,289
Public (excl. education & health care)	23,473	24,305	24,874	24,655	27,326	27,474	27,913	28,337	28,905	29,576
Self-employed	14,277	15,811	16,459	15,575	15,693	16,165	16,570	16,919	17,282	17,660
<b>Population</b>	<b>710,598</b>	<b>719,561</b>	<b>732,708</b>	<b>765,608</b>	<b>785,700</b>	<b>801,400</b>	<b>819,500</b>	<b>835,000</b>	<b>847,800</b>	<b>858,000</b>
Household Population	680,087	n/a	700,207	731,719	749,354	763,871	779,678	793,400	804,335	813,032
Group Quarters	30,511	n/a	32,501	33,889	36,346	37,529	39,822	41,600	43,465	44,968
<b>Households</b>	<b>228,260</b>	<b>234,869</b>	<b>236,059</b>	<b>238,454</b>	<b>244,616</b>	<b>253,807</b>	<b>261,995</b>	<b>268,524</b>	<b>272,543</b>	<b>275,527</b>
Avg Household Size	3.0	n/a	3.0	3.1	3.1	3.0	3.0	3.0	3.0	3.0
<b>Housing</b>	<b>247,080</b>	<b>256,467</b>	<b>260,256</b>	<b>262,660</b>	<b>269,160</b>	<b>279,240</b>	<b>288,226</b>	<b>295,386</b>	<b>299,803</b>	<b>303,087</b>
Vacancy Rate	7.6%	8.4%	9.3%	9.2%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%

#### Sources:

Jobs: California Employment Development Department, InfoUSA, and AMBAG forecast.

Population, Households, Housing: Data for 2000 and 2010 reflect decennial Census counts as of April 1 of each year. Data for 2005 and 2015 are from California Department of Finance E-5 and E-8 population and housing estimates, and reflect values as of January 1 of each year. Forecast data are from AMBAG and PRB, and reflect values as of January 1 of each year.

**Historical and Forecast Jobs, Population, and Housing, with Change Over Time, 2000-2045**

	Draft 2022 Regional Growth Forecast									
	2000	2005	2010	2015	2020	2025	2030	2035	2040	2045
<b>Jobs (total, all industries)</b>	352,210	357,110	349,410	375,010	403,950	407,690	415,800	423,520	431,820	440,490
Change from Prior Period		0	0	0	5	2	7	0	2	9
Percent Change from Prior Period		1%	-2%	7%	8%	1%	2%	2%	2%	2%
<b>Population</b>	710,598	719,561	732,708	765,608	785,700	801,400	819,500	835,000	847,800	858,000
Change from Prior Period		8	8	8	0	0	0	0	0	0
Percent Change from Prior Period		1%	2%	4%	3%	2%	2%	2%	2%	1%
<b>Housing</b>	247,080	256,467	260,256	262,660	269,160	279,240	288,220	295,380	299,800	303,080
Change from Prior Period		7	6	0	0	0	6	6	3	7
Percent Change from Prior Period		4%	1%	1%	2%	4%	3%	2%	1%	1%

**Sources:**

Jobs: California Employment Development Department, InfoUSA, and AMBAG forecast.

Population, Households, Housing: Data for 2000 and 2010 reflect decennial Census counts as of April 1 of each year. Data for 2005 and 2015 are from California Department of Finance E-5 and E-8 population and housing estimates, and reflect values as of January 1 of each year. Forecast data are from AMBAG and PRB, and reflect values as of January 1 of each year



## 2020 AMBAG Calendar of Meetings

<b>April 8, 2020</b>	<b>Greenfield Civic Center</b> 599 El Camino Real, Greenfield, 93927 Dinner will be served at 5 pm Board of Directors Meeting: 6 pm
<b>May 13, 2020</b>	<b>Marina Library Community Room</b> 190 Seaside Circle, Marina, 93933 Meeting Time: 6 pm
<b>June 10, 2020</b>	<b>Marina Library Community Room</b> 190 Seaside Circle, Marina, 93933 Meeting Time: 6 pm
<b>July 2020</b>	<b>No Meeting Scheduled</b>
<b>August 12, 2020</b>	<b>Marina Library Community Room</b> 190 Seaside Circle, Marina, 93933 Meeting Time: 6 pm
<b>September 9, 2020</b>	<b>Corralitos Community Center</b> 35 Brown's Valley Road, Corralitos, 95076 Dinner will be served at 5 pm Board of Directors Meeting: 6 pm
<b>October 14, 2020</b>	<b>Marina Library Community Room</b> 190 Seaside Circle, Marina, 93933 Meeting Time: 6 pm
<b>November 18, 2020</b>	<b>Seaside Community Room</b> 220 Coe Avenue, Seaside, 93955 Dinner will be served at 5 pm Board of Directors Meeting: 6 pm <b>*Delayed one week due to Veteran's Day Holiday</b>
<b>December 2020</b>	<b>No Meeting Scheduled</b>

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<b>AMBAG Acronym Guide</b>	
ABM	Activity Based Model
ADA	Americans Disabilities Act
ALUC	Airport Land Use Commission
AMBAG	Association of Monterey Bay Area Governments
ARRA	American Reinvestment and Recovery Act
CAAA	Clean Air Act Amendments of 1990 (Federal Legislation)
Caltrans	California Department of Transportation
CAFR	Comprehensive Annual Financial Report
CalVans	California Vanpool Authority
CARB	California Air Resources Board
CCJDC	Central Coast Joint Data Committee
CEQA	California Environmental Quality Act
CHTS	California Households Travel Survey
CMAQ	Congestion Mitigation and Air Quality Improvement
CPUC	California Public Utilities Commission
CTC	California Transportation Commission
DEIR	Draft Environmental Impact Report
DEM	Digital Elevation Model
DOF	Department of Finance (State of California)
EAC	Energy Advisory Committee
EIR	Environmental Impact Report
FAST Act	Fixing America’s Surface Transportation Act
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FTIP	Federal Transportation Improvement Program
GHG	Greenhouse Gas Emissions
GIS	Geographic Information System
ICAP	Indirect Cost Allocation Plan
ITS	Intelligent Transportation Systems
JPA	Joint Powers Agreement
LTA	San Benito County Local Transportation Authority

LTC	Local Transportation Commission
MAP-21	Moving Ahead for Progress in the 21 <sup>st</sup> Century Act
MBARD	Monterey Bay Air Resources District
MBCP	Monterey Bay Community Power
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MPAD	Monterey Peninsula Airport District
MPO	Metropolitan Planning Organization
MST	Monterey-Salinas Transit
MTP	Metropolitan Transportation Plan
MTIP	Metropolitan Transportation Improvement Program
OWP	Overall Work Program
PG&E	Pacific Gas & Electric Company
PPP	Public Participation Plan
RAPS, Inc.	Regional Analysis & Planning Services, Inc.
RFP	Request for Proposal
RHNA	Regional Housing Needs Allocation
RTDM	Regional Travel Demand Model
RTP	Regional Transportation Plan
RTPA	Regional Transportation Planning Agency
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SB 375	Senate Bill 375
SBtCOG	Council of San Benito County Governments
SCCRTC	Santa Cruz County Regional Transportation Commission
SCMTD	Santa Cruz Metropolitan Transit District
SCS	Sustainable Communities Strategy
S RTP	Short-Range Transit Plan
STIP	State Transportation Improvement Program
TAMC	Transportation Agency for Monterey County
TAZ	Traffic Analysis Zone
USGS	United States Geological Survey
VMT	Vehicle Miles Traveled
VT	Vehicle Trips