

# **AMBAG Board of Directors Meeting**

## **November 9, 2022**



# Item #1: Call To Order



# Item #2: Roll Call



# **Item #3: Oral Communications from the Public on Items Not on the Agenda**

**(A maximum of three minutes on any  
subject not on the agenda)**

# **Item #4: Oral Communications from the Board on Items Not on the Agenda**

**(A maximum of three minutes on any  
subject not on the agenda)**

# **Item #5: Election of 2023 AMBAG Officers**

## **Recommended Action: Approve**



# **Item #5A: Report from Nomination Committee Chair**

## **Recommended Action: Information**



# **Item #5B: President**

**Recommended Action: Approve**





# **Item #5C: 1<sup>st</sup> Vice President**

**Recommended Action: Approve**

# **Item #5D: 2<sup>nd</sup> Vice President**

**Recommended Action: Approve**



# **Item #6A: Central Coast Zero Emissions Vehicle Strategy Update**

## **Recommended Action: Information**



# AMBAG BOARD MEETING

November 9, 2022  
David Tokarski  
Senior Transportation  
Planner DKS Associates





# AGENDA



- **PROJECT OVERVIEW**
  - **PROJECT PARTNERS**
  - **PROJECT FUNDING**
  - **PROJECT OBJECTIVES**
  - **POTENTIAL FUNDING SOURCERS**
- **PUBLIC OUTREACH**
- **PROJECT STATUS**
- **NEXT STEPS**



# PROJECT OVERVIEW



## PROJECT PARTNERS



## ADDITIONAL PARTICIPATING AGENCIES

- Ventura County Transportation Commission
- Transportation Agency for Monterey County
- Santa Cruz County Regional Transportation Commission
- San Benito Council of Governments

## PROJECT CONSULTANT TEAM



**Stantec**



## PROJECT FUNDING

- Fiscal Year 2021-22 Caltrans Sustainable Transportation Planning Grant Program
  - Supports Caltrans mission to provide a safe and reliable transportation network that serves all people and respects the environment
  - Grant funding is made available through Senate Bill (SB) 1 – The Road Repair and Accountability Act of 2017 – a transportation funding bill
  - SB 1 grant funding is intended to support and implement Regional Transportation Plan (RTP) Sustainable Communities Strategies (SCS) (where applicable) and ultimately achieve the State’s greenhouse gas (GHG) reduction target.
- Local contributions from SBCAG, SLOCOG and AMBAG



# PROJECT OBJECTIVES

- ✓ Assess existing ZEV infrastructure environment with a focus on unincorporated rural areas between cities that experience significant interregional travel
- ✓ Identify key challenges, gaps and barriers to interregional travel for motorists, regional transit and goods movement
- ✓ Identify where equity issues currently exist with access to EV charging
- ✓ Ensure infrastructure improvements and investments that are equitable and accessible to all users including underserved populations
- ✓ Recommend infrastructure improvements and related investments, policies, and implementation strategies to promote ZEV infrastructure adoption
- ✓ Better position Central Coast agencies for state/federal funding for electromobility infrastructure

# POTENTIAL FUNDING SOURCES

- Federal Highway Administration's Alternative Fuel Corridor
- Infrastructure Bill – National Electric Vehicle Infrastructure (NEVI) Program (State Allocations) and Federal Competitive Grants
- State NEVI Allocation Formula Funds
- SB 1 Grant Applications

# PUBLIC OUTREACH



# KEY STAKEHOLDERS



## STAKEHOLDER DISCUSSION QUESTIONS

1. What charging infrastructure investments are planned?
2. What incentives are needed?
3. What disincentives could be removed?
4. Other than funding support, what else can be done?
5. Advice regarding more EV travel/reduce barriers?

## Project Website

<http://www.centralcoastzevstrategy.com>

Project Logo

Frequently Asked  
Questions (FAQ)

Survey

Project Schedule

Interim Project  
Deliverables

Interactive  
Mapping Tool  
(Social Pinpoint)

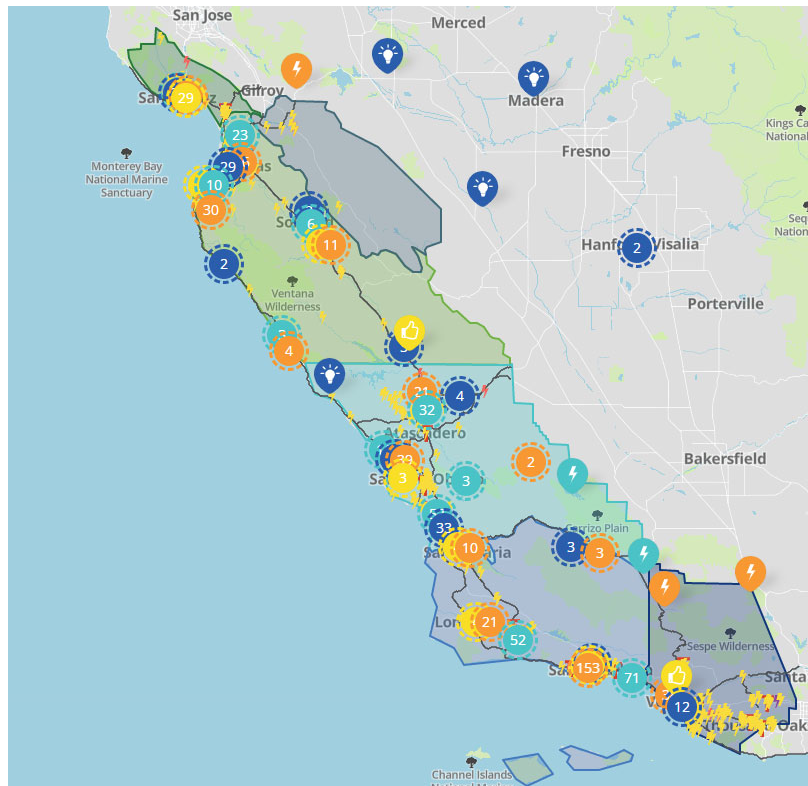
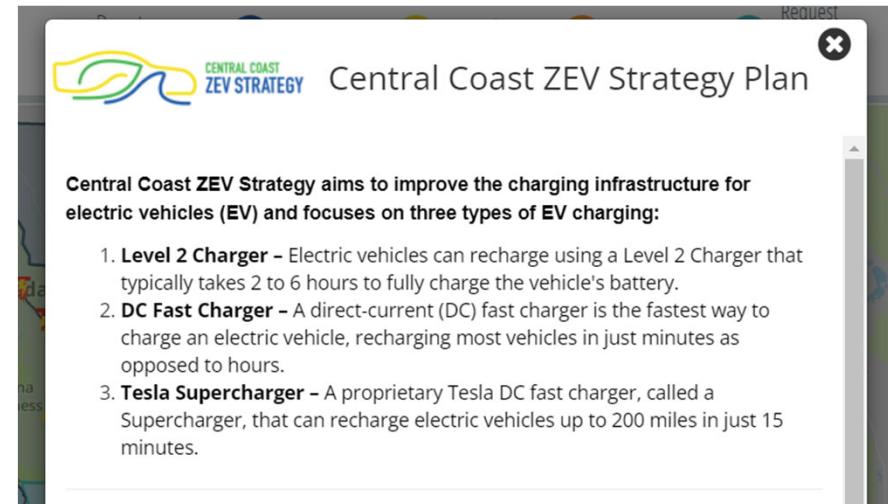
Meeting  
Materials

Events



# SOCIAL PINPOINT

<https://dks.mysocialpinpoint.com/central-coast-zev-strategy-plan#/>





**Central Coast ZEV Strategy Plan**

Central Coast ZEV Strategy aims to improve the charging infrastructure for electric vehicles (EV) and focuses on three types of EV charging:

1. **Level 2 Charger** – Electric vehicles can recharge using a Level 2 Charger that typically takes 2 to 6 hours to fully charge the vehicle's battery.
2. **DC Fast Charger** – A direct-current (DC) fast charger is the fastest way to charge an electric vehicle, recharging most vehicles in just minutes as opposed to hours.
3. **Tesla Supercharger** – A proprietary Tesla DC fast charger, called a Supercharger, that can recharge electric vehicles up to 200 miles in just 15 minutes.

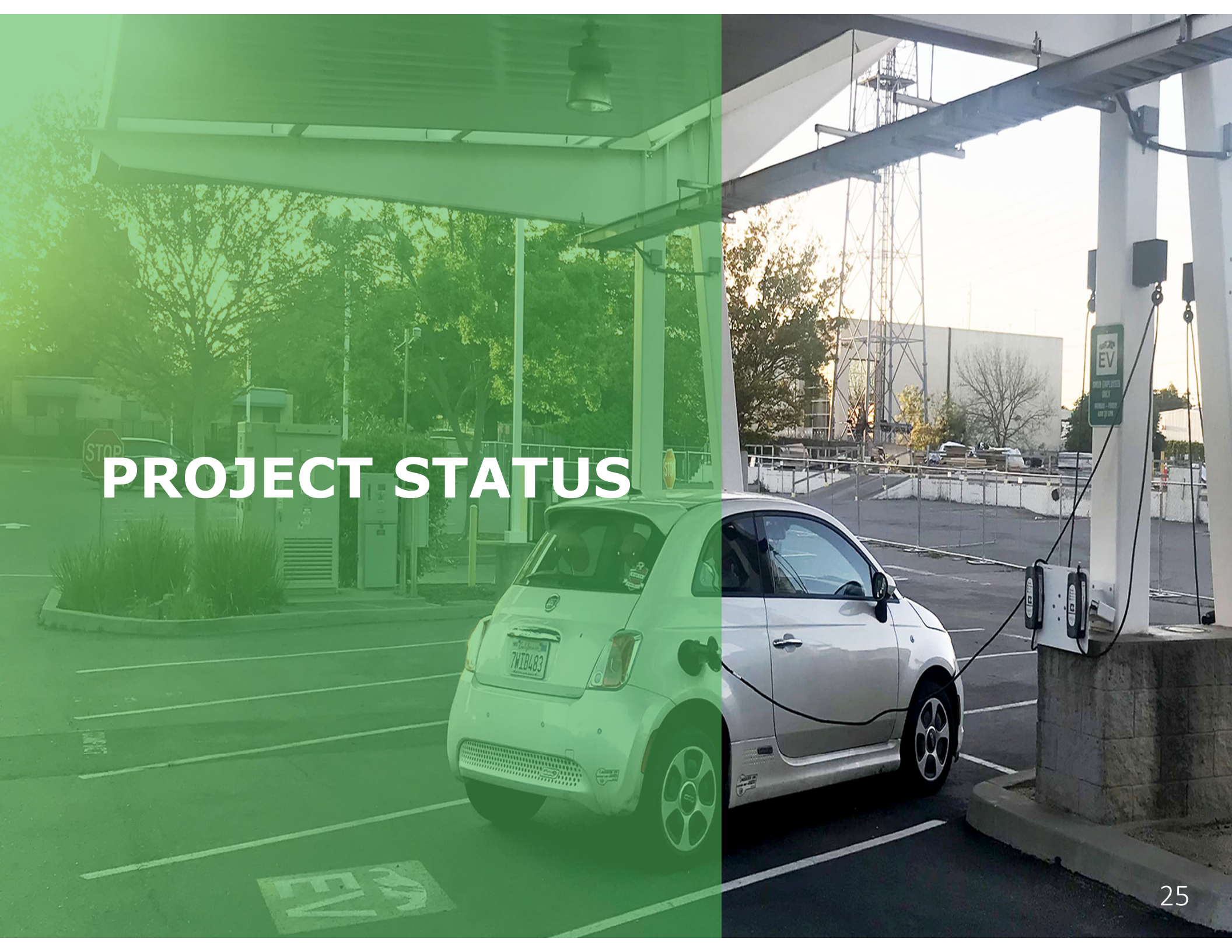
To leave your feedback drag one of these icons at the top of the page to a point in the map to leave a comment:

Drag to comment >  Project Suggestions  Something I Like  Request DC Fast Charger  Request Level 2 Charger





# PROJECT STATUS



## Completed Tasks

- Developed dedicated Project Webpage: includes the following:
  - Fact sheets regarding the planning process (English and Spanish).
  - Library with all relevant interim plan deliverables and documents.
  - Online surveys.
  - Social Pinpoint (interactive online comment capture).
  - eNews sign-ups.
- Regular meetings with the CCZEVS Advisory Committee
- Performed a virtual Stakeholder Meeting on April 26th.
- Completed draft Existing Conditions Report (available on project website)
- Hosted CCZEVS focus group meetings in October

## Existing Conditions Report

- Key Corridors
- Travel Patterns
- Inventory of Existing Chargers by Type
- Geographic Focus on Unincorporated Area Interchanges

Santa Barbara  
County

San Luis  
Obispo County

Monterey  
County

Santa Cruz  
County

San Benito  
County

Ventura  
County

# PUBLIC ZEV CHARGERS BY COUNTY

Route	Level 2 Plugs	DC Fast Charge Plugs	Tesla Level 2 Plugs	Tesla Supercharger	Hydrogen	Total
Ventura	46 (337)	0 (37)	4 (21)	0 (88)	0 (3)	50 (483)
Santa Barbara	73 (202)	2 (23)	17 (31)	8 (38)	0 (1)	100 (295)
San Luis Obispo	121 (165)	3 (14)	89 (33)	0 (110)	0	213 (322)
Monterey	71 (140)	20 (25)	40 (18)	8 (62)	0	139 (245)
San Benito	4 (8)	0 (5)	0	0	0	4 (13)
Santa Cruz	36 (113)	6 (14)	9 (8)	0 (46)	0	51 (181)
<b>Total</b>	<b>351 (965)</b>	<b>31 (118)</b>	<b>159 (111)</b>	<b>16 (344)</b>	<b>0 (4)</b>	<b>557 (1,542)</b>

DRAFT

\*Unincorporated (Cities)

SOURCE: ALTERNATIVE FUELS DATA CENTER

# EV CHARGERS BY ROUTE AND LOCATION

## Assumptions

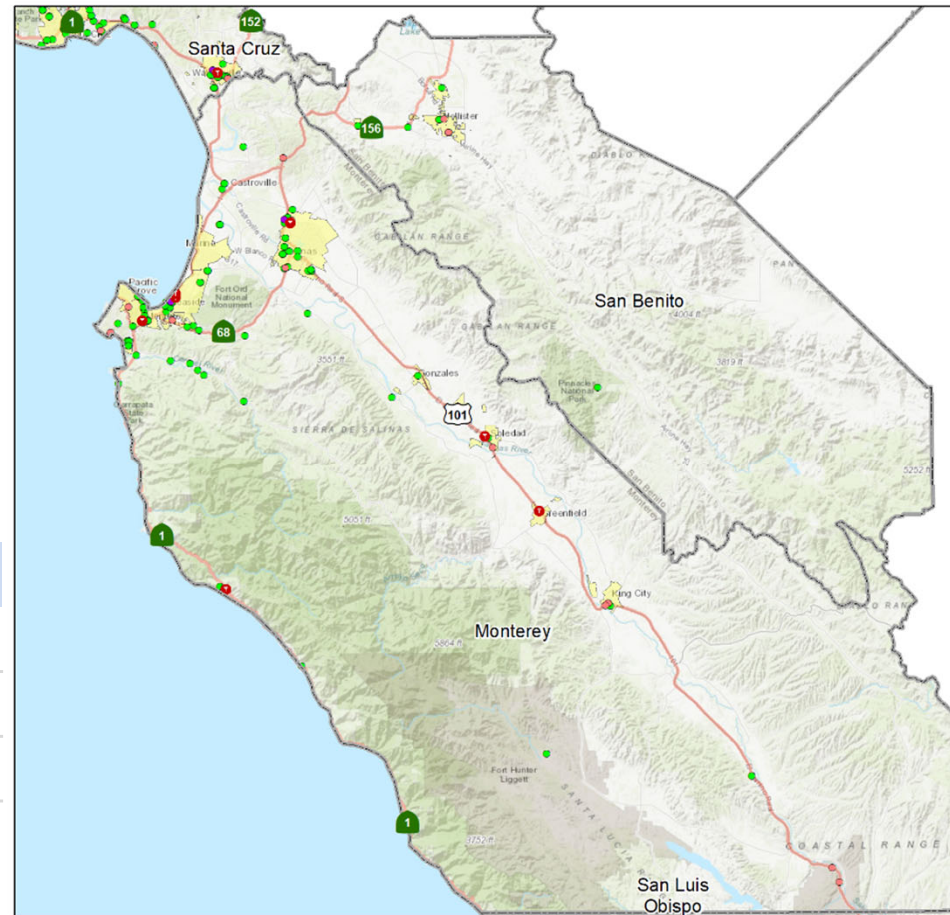
- Chargers within 1 Mile of Study Highway Interchanges and Intersections
  - > 1 mile distance is straight line (as a crow flies)
  - > Includes chargers in Unincorporated areas and Incorporated Cities
  - > Includes Publicly Available Chargers Only



# PUBLIC EV CHARGERS Monterey County

Location	Level 2	DCFC	Tesla Supercharger	Total
<b>Total Public</b>	269	45	70	384
<b>Unincorporated</b>	111	20	8	139
<b>Within Cities</b>	158	25	62	245

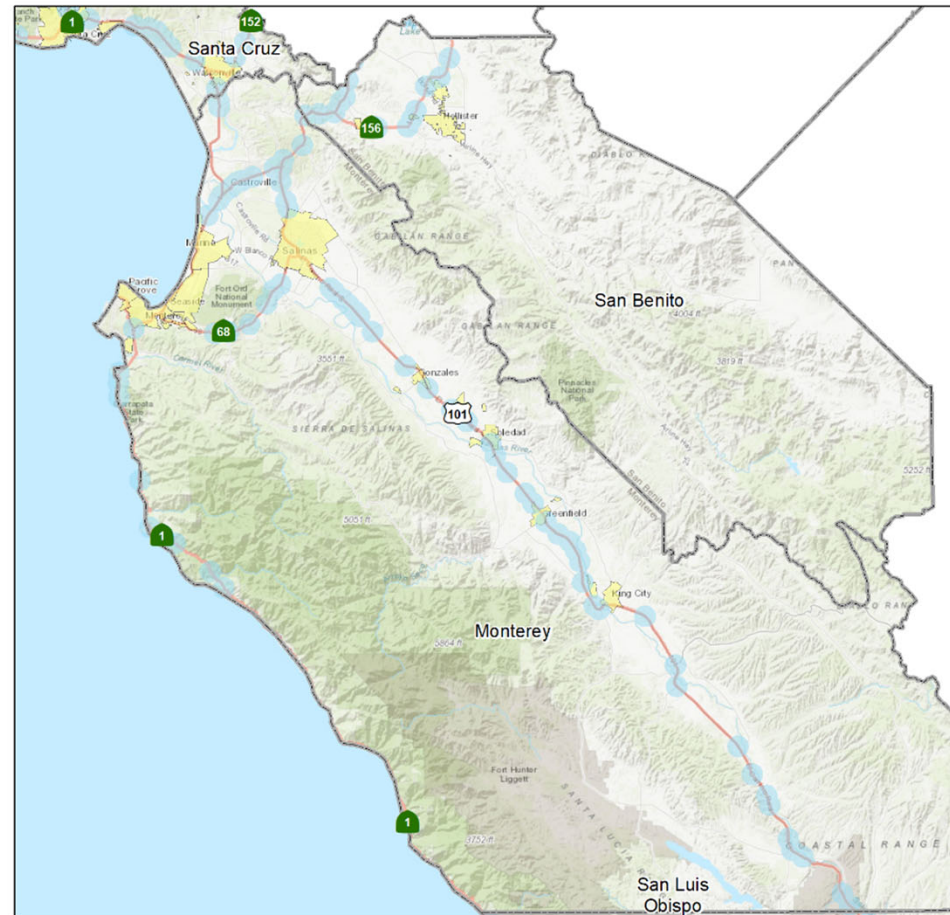
DRAFT



# One-Mile Buffers at Highway Interchanges

Location	Level 2	DCFC	Tesla Supercharger	Total
Within Buffer	33	20	28	91

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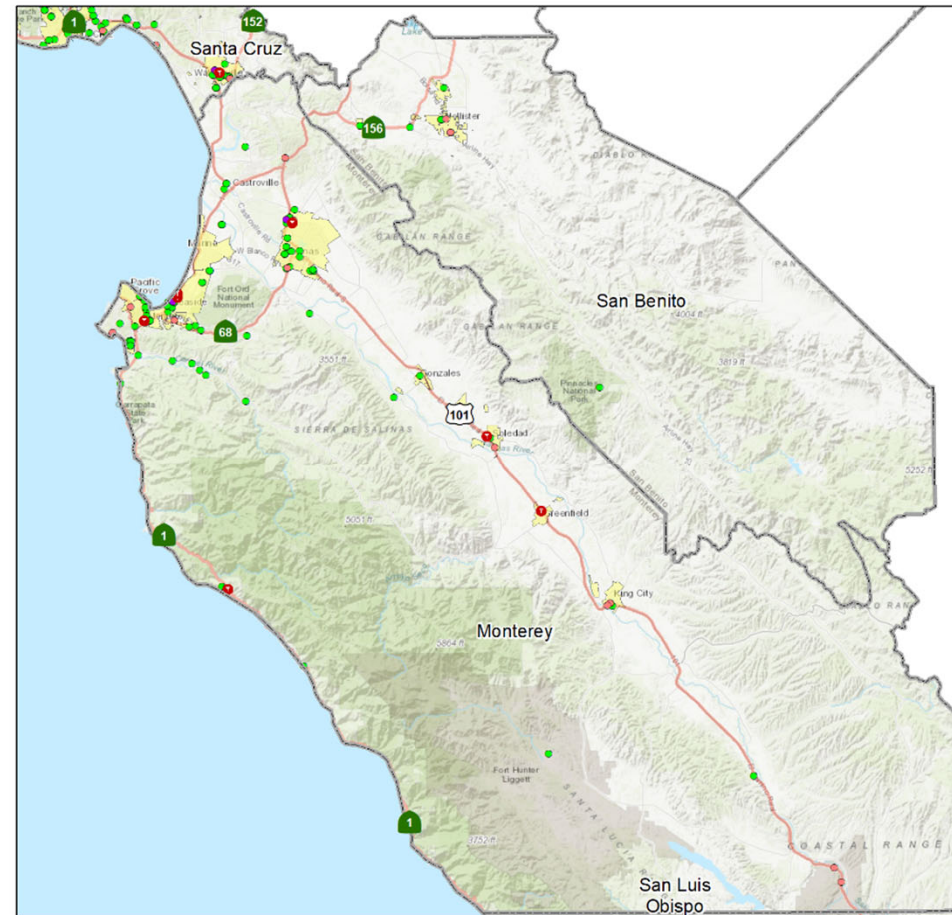
**Legend**

- Unincorporated Interchanges - One Mile Buffer
- Incorporated Cities
- Study Highways

# PUBLIC EV CHARGERS San Benito County

Location	Level 2	DCFC	Tesla Supercharger	Total
<b>Total Public</b>	9	8	0	17
<b>Unincorporated</b>	4	0	0	4
<b>Within Cities</b>	8	5	0	13

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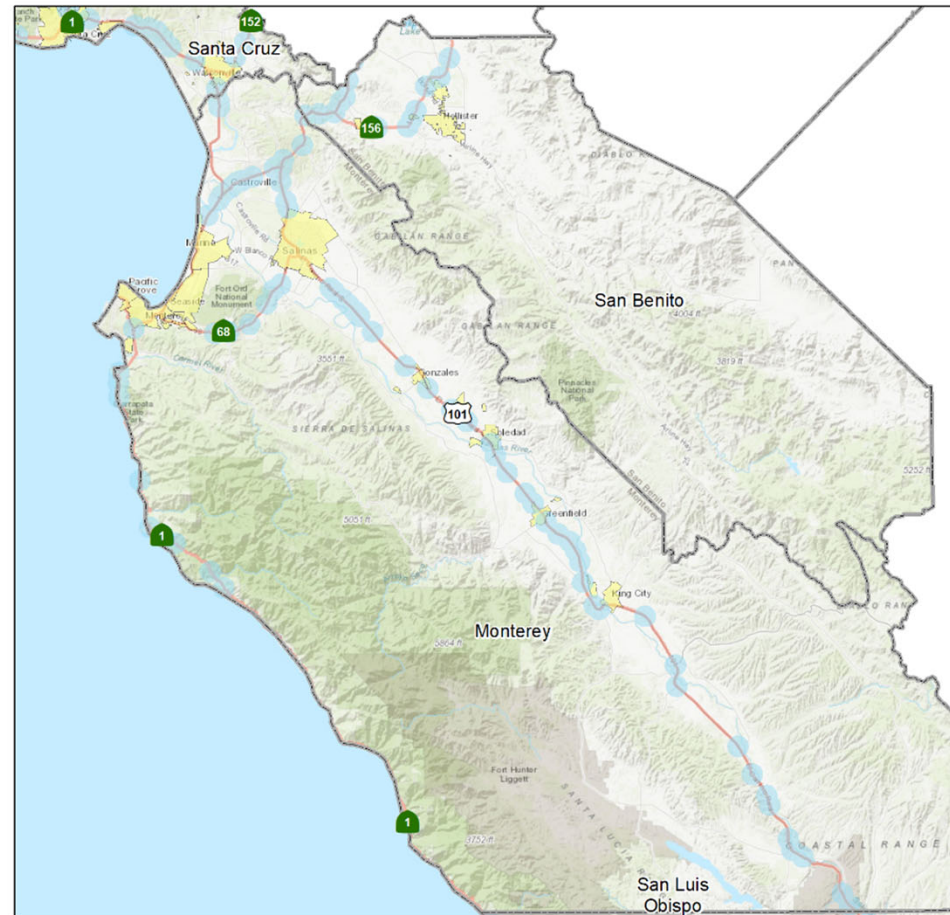
- Legend**
- Hydrogen
  - Tesla Supercharger
  - DCFC Only
  - L2 and DCFC
  - Level 2 Only
  - Incorporated Cities
  - Study Highways



# One-Mile Buffers at Highway Interchanges

Location	Level 2	DCFC	Tesla Supercharger	Total
Within Buffer	3	0	0	3

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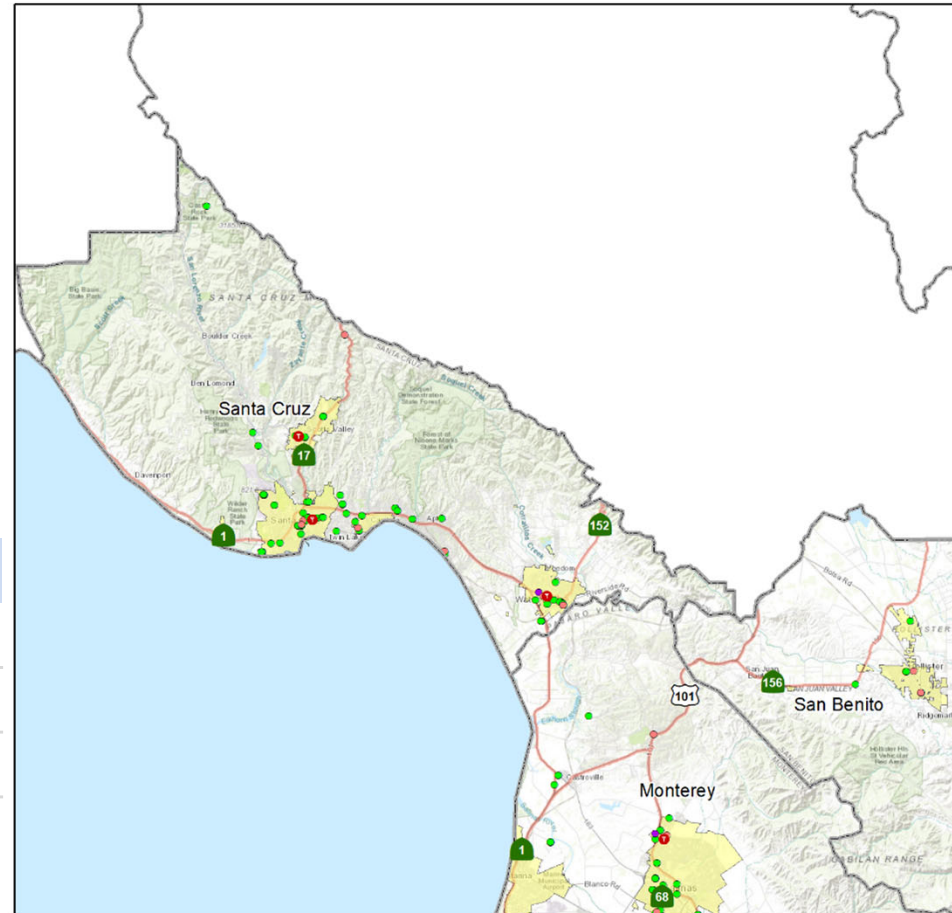
**Legend**

- Unincorporated Interchanges - One Mile Buffer
- Incorporated Cities
- Study Highways

# PUBLIC EV CHARGERS Santa Cruz County

Location	Level 2	DCFC	Tesla Supercharger	Total
<b>Total Public</b>	166	20	46	232
<b>Unincorporated</b>	45	6	0	51
<b>Within Cities</b>	121	14	46	181

DRAFT



## Legend

- + Hydrogen
- Tesla Supercharger
- DCFC Only
- L2 and DCFC
- Level 2 Only
- Incorporated Cities
- Study Highways

# One-Mile Buffers at Highway Interchanges

Location	Level 2	DCFC	Tesla Supercharger	Total
Within Buffer	26	5	0	31

DRAFT





# NEXT STEPS





## NEXT STEPS

- Evaluation of Opportunities Report (Siting Suitable Future Locations for ZEV Infrastructure)
  - Service Ranges by Vehicle Type
  - Redundancy in Coverage
  - Dwell Times to determine Type of Charger
- Hold Focus Group Meetings (5 meeting with key stakeholders)
- Hold Public Workshop
- Publish Central Coast Zero Emissions Vehicle Strategy

# THANK YOU

**David Tokarski**  
Senior Transportation Planner  
[dmt@dksassociates.com](mailto:dmt@dksassociates.com)



# **Item #7A: Executive/Finance Committee**

## **Recommended Action: Information**

# **Item #7B: Monterey Bay National Marine Sanctuary (MBNMS) Advisory Committee Advisory Council (SAC) Meeting**

**Recommended Action: Direct**



# **Item #8: Executive Director's Report**

## **Recommended Action: Information**



# **Item #9: Consent Agenda (Items #9A – 9F)**

**Recommended Action: Approve**

# **Item #10: Items Removed from Consent Calendar for Discussion and Possible Action**

# **Item #11A: 2022 Coordinated Public Transit-Human Services Transportation Plan**

**Recommended Action:  
Approve**

# **2022 Coordinated Public Transit – Human Services Transportation Plan**



**ASSOCIATION OF MONTEREY BAY  
AREA GOVERNMENTS**

**MIRANDA TAYLOR, PLANNER  
NOVEMBER 9, 2022**





# Background

46

- Federally requires an update every 4 years
- Establishes a unified regional strategy for providing transportation to:
  - Individuals with Disabilities
  - Seniors
  - Low Income Individuals
- Facilitates applications for the FTA Section 5310 grant program
- Funds capital and operating expenses through a competitive process

# Key Sections in the Coordinated Plan

47

- Regional Unmet Transit Needs Assessment
- Human Service Transportation Need
  - Including demographic data from the CA Department of Finance and American Community Survey
- Regional List of Transportation Providers
- Content by County

# Comments and Changes to the Draft Coordinated Plan

48

- Draft Coordinated Plan was released for a 30-day public review period on September 15, 2022
- AMBAG presented the draft plan to various committees and working groups:
  - RTPA's Technical Advisory Committees (TAC)
  - RTPA's Social Services Technical Advisory Committees (SSTAC)
- AMBAG received four comments on the draft Plan
- The Final 2022 Coordinated Plan is included in the Board Report

# Recommendation

49

- The Board of Directors is asked to approve the *Final 2022 Coordinated Public Transit- Human Services Transportation Plan*

# Questions?

50



# **Item #11B: Regional Early Action Planning Grants 2.0 Program – Full Application**

**Recommended Action:  
Approve**



# **Regional Early Action Planning Grants 2.0 Program – Full Application**

**Heather Adamson, AICP**

**November 9, 2022**



# REAP 2.0 Program Objectives

- REAP 2.0 provides funds to accelerate housing production and facilitate compliance with the 6th Cycle of the housing element, including RHNA allocations
- In addition, REAP 2.0 is intended to advance the SCS
- The REAP 2.0 objectives are:
  - Accelerate infill development that facilitates housing supply, choice and affordability
  - Affirmatively furthering fair housing
  - VMT reduction (especially transit/multimodal project elements)

# REAP 2.0 Funding & Guidelines

- Funded with \$600 million from the State General Fund
- Administered by HCD in collaboration with OPR, SGC, CARB
- AMBAG's allocation of the MPO funding is \$10,133,742
- Emphasis: Transformative, implementation, competitive
- Obligation by June 2024, spent by June 2026
- Two Part MPO application: (1) Advance Application for 10% and (2) Final application for 90%

# REAP 2.0 Eligible Uses

- Outlined in REAP 2.0 Final Guidelines
- Eligible uses should meet one or more of the following categories of allowable uses:
  - Accelerating infill development that facilitates housing supply, choice, and affordability through various planning programs, services, or capital expenditures
  - Realizing multimodal communities through programs, plans, and implementation actions
  - Shifting travel behavior by reducing driving through programs, ordinances, funds, and other mechanisms, and ;
  - Increasing transit ridership through funding, implementation actions, and planning



# AMBAG's REAP 2.0 Outreach Activities

- Gather input and feedback on the development of the REAP 2.0 program
- July 2022 – Public outreach survey
- August 2022 – Agency/stakeholder survey
- August to November 2022 – More stakeholder outreach
- Work with the Board, partners, stakeholders and the public to develop final application
  - Priorities and proposed uses
  - Funding amounts and the appropriate blend of planning and implementation
  - Various other program components

# REAP 2.0 Revised Draft Framework

Regional Competitive Grant Program

Local Suballocation Grant Program

Regional SCS Implementation,  
Admin, Technical Assistance

# REAP 2.0 Revised Draft Framework

1. Regional Competitive Grant Program developed and administered by AMBAG that supports all REAP 2.0 objectives (60%)
  - Proposed recipients to include to local jurisdictions, transit agencies, regional transportation planning agencies, universities, etc.
  - Priority focus on implementation projects
  - Competitive grant program guidelines, application, criteria, etc. will be developed in 2023

# REAP 2.0 Revised Draft Framework (cont.)

2. Local Suballocation Grant Program to cities and counties to implement 6th Cycle Housing Elements with a specific focus on infill development and SCS implementation activities that meets all the REAP 2.0 objectives (25%)
  - Rezoning and guiding development by updating planning documents, development standards, and zoning ordinances
  - Revamping local planning processes to accelerate infill development
  - Completing environmental clearance to eliminate the need for project-specific review for infill development
  - Performing infrastructure planning to support infill development
  - SCS implementation that increases transit ridership and reduces VMT
  - Local suballocation grant program details and application will be developed in 2023

# REAP 2.0 Revised Draft Framework (cont.)

## 3. AMBAG SCS Implementation, Technical Assistance, REAP 2.0 Program Development and Administration (15%)

- Regional planning activities that support infill development and implement the SCS such as pricing studies, transit-oriented development and Opportunity Area planning and implementation
- Technical assistance
- Development of the REAP 2.0 Program, including outreach activities
- REAP 2.0 administration



# Next Steps

## Fall 2022

Stakeholder outreach  
Consultation with HCD  
and other state partners

## December 31, 2022

AMBAG submits  
application to HCD  
with final framework

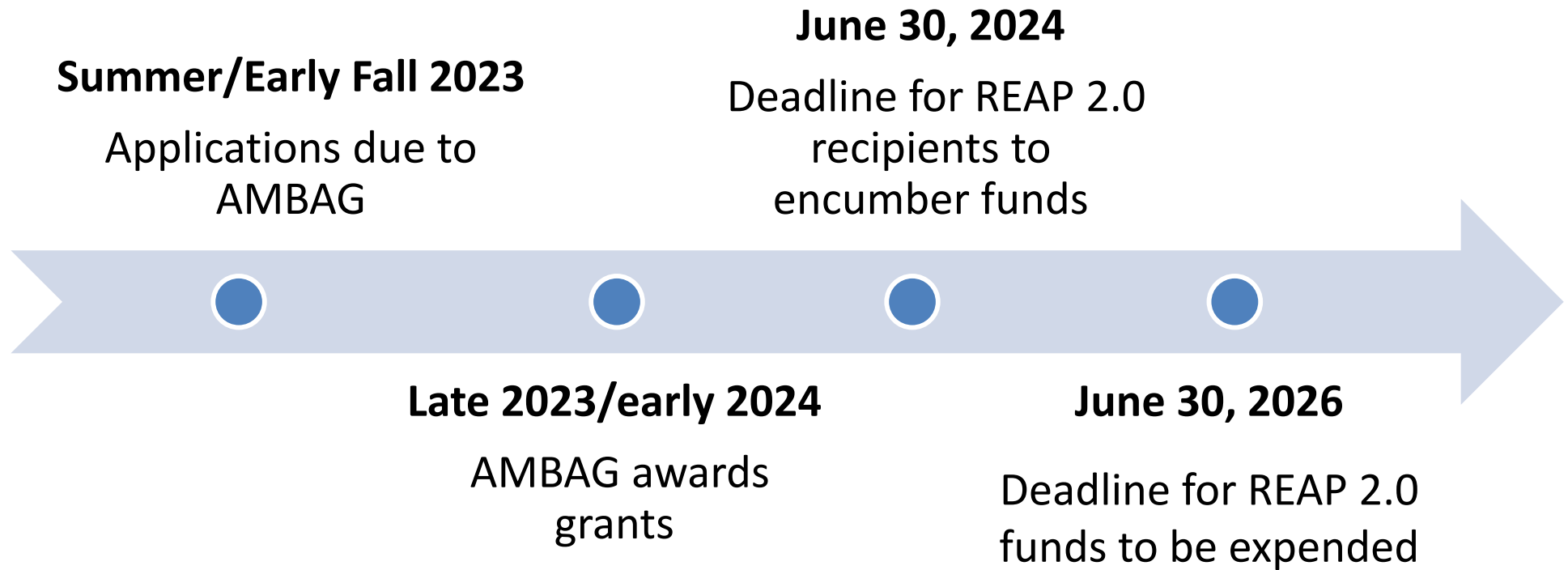
## October/November 2022

Board review and  
approval of proposed  
framework

## Spring/Summer 2023

Suballocation and  
competitive grant  
program development  
and application period

# Next Steps (cont.)



# Recommendation

- The Board of Directors is asked to approve Resolution 2022-26 authorizing AMBAG to prepare and submit AMBAG's REAP 2.0 full application for funding up to \$10,133,42 to the California Department of Housing and Community Development (HCD) and the state partners based on the AMBAG REAP 2.0 Program Framework and delegating authority to the Executive Director to execute a State Standard Agreement, and any other documentation including amendments to secure the full REAP 2.0 allocation.

# Questions?

# **Item #12A: Closed Session – Evaluation of Performance**

## **Executive Director**

# **Item #13: Reconvene from Closed Session**

**Recommended Action:  
Accept**



# **Item #14: Adjournment**

**Next meeting: January 11, 2023**

