

DOCKETED

Docket Number:	17-EVI-01
Project Title:	Block Grant for Electric Vehicle Charger Incentive Projects
TN #:	229616
Document Title:	City of Sacramento Permitting Workshop Presentation
Description:	N/A
Filer:	Jessica Martinez
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	8/30/2019 9:23:08 AM
Docketed Date:	8/30/2019

EV Permitting in Sacramento

Jennifer Venema, Department of Public Works

August 28, 2019

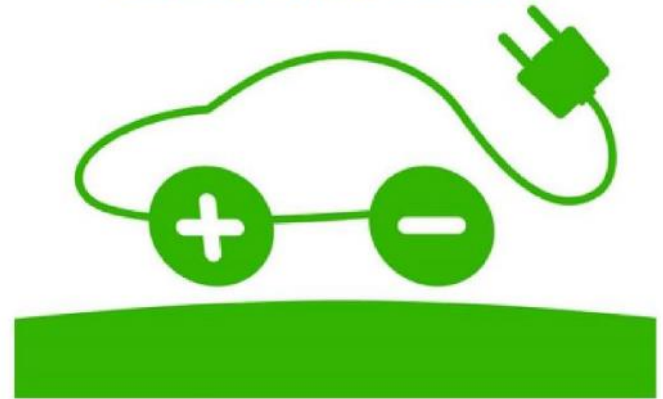


Setting



Electric Vehicle Readiness and Infrastructure Plan

Prepared for Sacramento County and the Cities Within by the Sacramento Area PEV Collaborative



CITY OF SACRAMENTO AWARDED BUILDING DEPARTMENT OF THE YEAR



CALIFORNIA BUILDING OFFICIALS HONOR SACRAMENTO'S BUILDING DIVISION FOR 2016-17 ACHIEVEMENTS

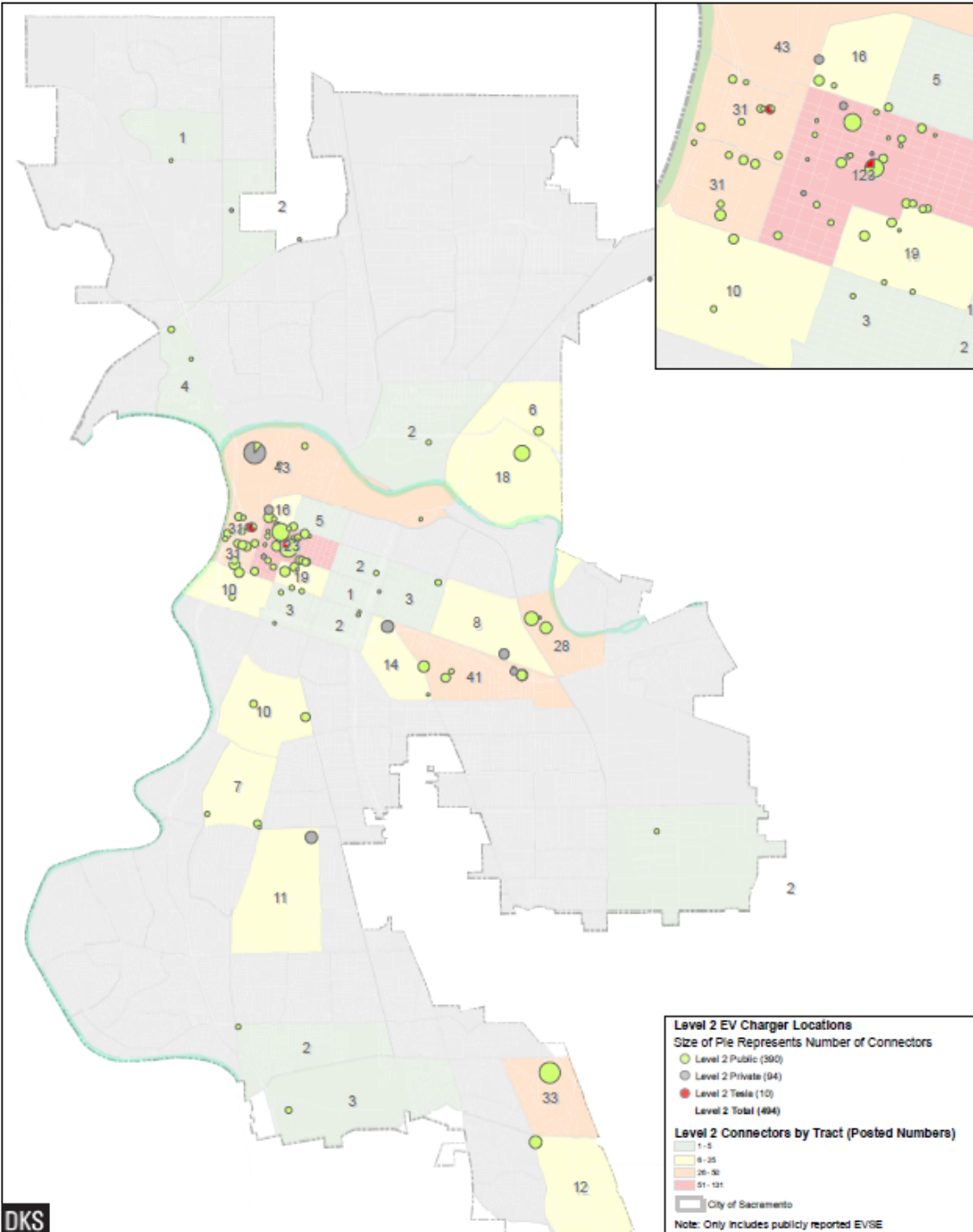
March 31, 2017

On March 22, 2017, The Building Division of the Community Development Department was presented with the California Building Officials (CALBO) Building Department of the Year Award.

Baseline

~6,000 zero-emission vehicles

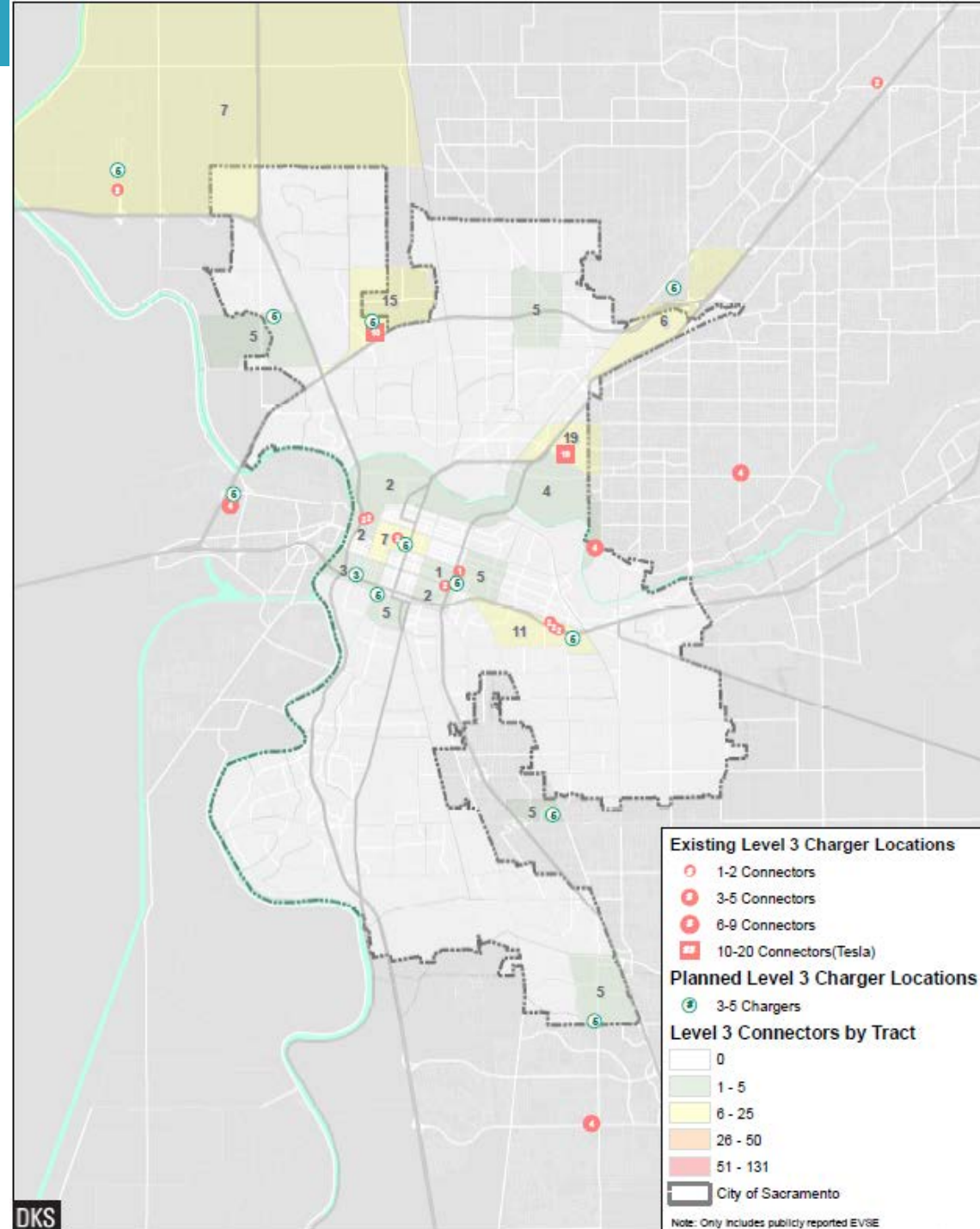
~600 public charging connectors



LOCATION OF EXISTING AND PLANNED
LEVEL 2 EV CHARGERS

Baseline

39 public fast chargers (50 kW+)



LOCATION OF EXISTING AND PLANNED DC FAST CHARGERS OR HIGH-POWER CHARGERS



City of Sacramento
 COMMUNITY DEVELOPMENT DEPARTMENT
PLANNING REFERRAL SHEET

Planning

Planning Referral Sheet

FILE NUMBER: PR18-01198	ADDRESSING NEEDED?	FLOOD ZONE: X PROTECTED BY LEVEE
ADDRESS: 1625 ALHAMBRA BLVD Alhambra Cannery	ZONING: C-2-SPD	
PARCEL: 007-0353-007-0000	SPD: ALHAMBRA CORRIDOR	
PUD: N/A	HISTORIC INFO: LANDMARK	
DR AREA: ALHAMBRA CORRIDOR SPD		
EXISTING LAND USE: Mixed Use Commercial/Office		
PROPOSED LAND USE: No change		
SCOPE OF WORK: Proposal to add electric vehicle charging stations within an existing parking lot. No planning entitlements are required. Exempt from Site Plan and Design Review. OK to proceed to building permit.		

PLANNING STAFF DETERMINATION

APPLICANT CANNOT SUBMIT FOR BUILDING PERMIT:

- Use is NOT allowed
- This is a counter discussion or preliminary review ONLY. The information on this form must be reviewed again and confirmed at the time of building permit submittal
- Use is allowed, however, the project requires the following Planning Application(s):
- Use is allowed, however, Planning Application (s) { } is/are still "In Progress".

APPLICANT MAY APPLY FOR BUILDING PERMIT. Use is allowed and the following item is true:

- Applicant may proceed to Building for minor permit. No planning entitlement necessary.
- Concurrent Submittal Sheet approved for { }. Applicant notified that a second Planning Referral Sheet/Plan Check Cycle will be required
- Applicant has approved entitlement(s) or exemption(s)
- Electronic Plan Check (EPC) submittal

Plan Check Required: Planning/Zoning Design Review Preservation Not Required

If Applicable, Approved Planning Application(s) is/are as follows:

File Number(s):

Most Recent Approval Date:

Recent Planner related to Entitlement File:

COMMENTS:

Proposal to add electric vehicle (EV) charging stations within an existing parking lot. No planning entitlements are required. Exempt from Site Plan and Design Review. OK to proceed to building permit.

Building permits for EVSE

Single-family: 24-hour permit review

Commercial or multi-family: five-day permit review

City of Sacramento Guide to Electrical Vehicle Supply Equipment (EVSE) Permits for Residential

(Continued from front)

SMUD Rates and Incentives

When you use electricity is just as important as the amount of electricity you use. For plug-in electric vehicle owners, there is a 1.5¢ per kWh credit for charging your EV between midnight and 6 a.m. every day, all year long.

Up-to-date information on current SMUD incentives and rates for EV owners is available at www.smud.org/DriveElectric or by contacting SMUD at pev@smud.org or 1-888-742-7683.

Do I need a building permit?

Depending on the current configuration of your home electrical service, and if a new electrical panel, sub-meter or outlet are needed to accommodate your vehicles charging needs, a building permit may be required. If your home already has the appropriate outlet (either 120VAC or 240VAC) a building permit is not required.

A building permit is required for all new installations and modifications of electrical panels, and electrical outlets. Before a permit can be issued, an electrical plan review, and sometimes a mechanical plan review (depending if a manufacturer's installation guidelines require mechanical ventilation), must be approved. Permits may be obtained over-the-counter for EV charging system installations.

Permit fees

Fees are based on a valuation of construction materials and labor. For example a Level 2 EVSE installation, can range from \$153–\$358 in building permit fees based on an estimated construction valuation of \$1,000–\$4,000.

Additional information about City of Sacramento building fees can be found here: <http://www.cityofsacramento.org/Community-Development/Resources/Fee-Info>

Steps to Getting an EVSE Permit:

	Once you decide to purchase an Electric Vehicle...
System Selection and Design	<ol style="list-style-type: none">1. Confirm with your auto dealership what charging equipment your vehicle needs (Level 1 or 2 charging) and the installation requirements.2. Have a qualified electrical contractor (QEC) do an electricity panel capacity and load check. This information will need to be submitted to the City to obtain a building permit.
Submit for City Building Permit	Obtaining a Building Permit – City Review <ol style="list-style-type: none">3. If the scope of work requires a building permit, submit a complete building application including fees, electrical plans, and mechanical plan if needed, for all new charging equipment to be installed. Applications can be submitted with the City of Sacramento at the public counter at 300 Richards Blvd., 3rd Floor¹.4. Obtain a city issued permit and complete installation work.5. Schedule and complete a building inspection.
Connect and Charge	Once you have finished the building permit... <ol style="list-style-type: none">6. Connect your vehicle to the charger

(Footnotes)

¹ Please verify hours for over-the-counter plan check online at: <http://www.cityofsacramento.org/Community-Development/Building/Plan-Review/OTC-Review>



Thank you

www.cityofsacramento.org/ev

Jennifer Venema

Sustainability Manager

Department of Public Works

jvenema@cityofsacramento.org