

PROJECT REPORT EQUIVALENT



Project Title *Rail Stations' EV Chargers*

Project Location Description: *Electric Vehicle Charging Station (EVCS) Improvements at Camarillo and Oxnard Stations.*

Project Location Description

Project is located at two locations in Ventura County.

Location 1: Camarillo Train Station on the Union Pacific Railroad Santa Barbara Subdivision, Mile Post 413.35. The address is 30 South Lewis Road, Camarillo, Ca, 93010.

Location 2: Oxnard Transportation Center on the Union Pacific Railroad Santa Barbara Subdivision, Mile Post 403.94. The address is 201 E 4th Street, Oxnard, Ca, 93030.

Vicinity Map

Figure 1 Regional Vicinity Map

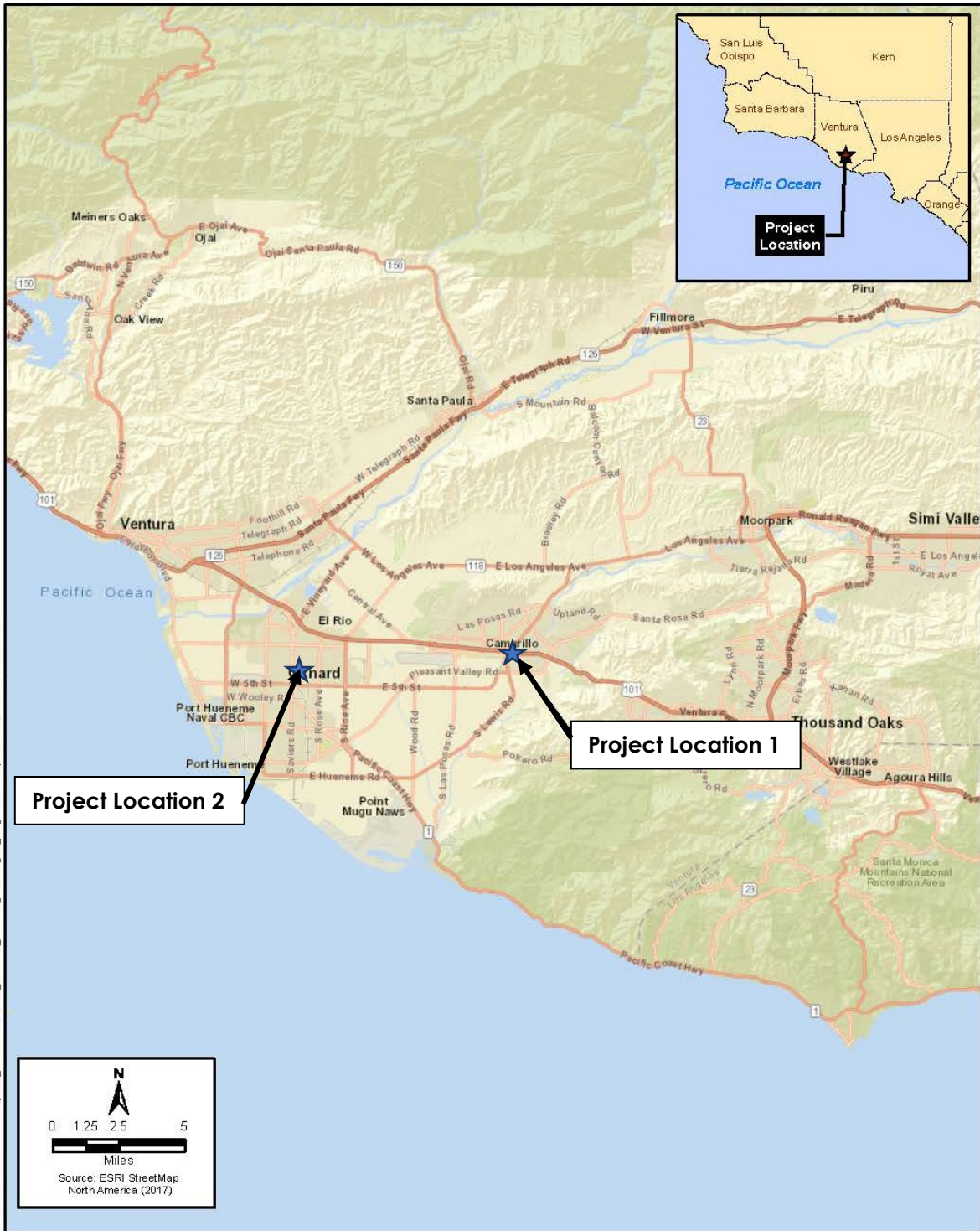
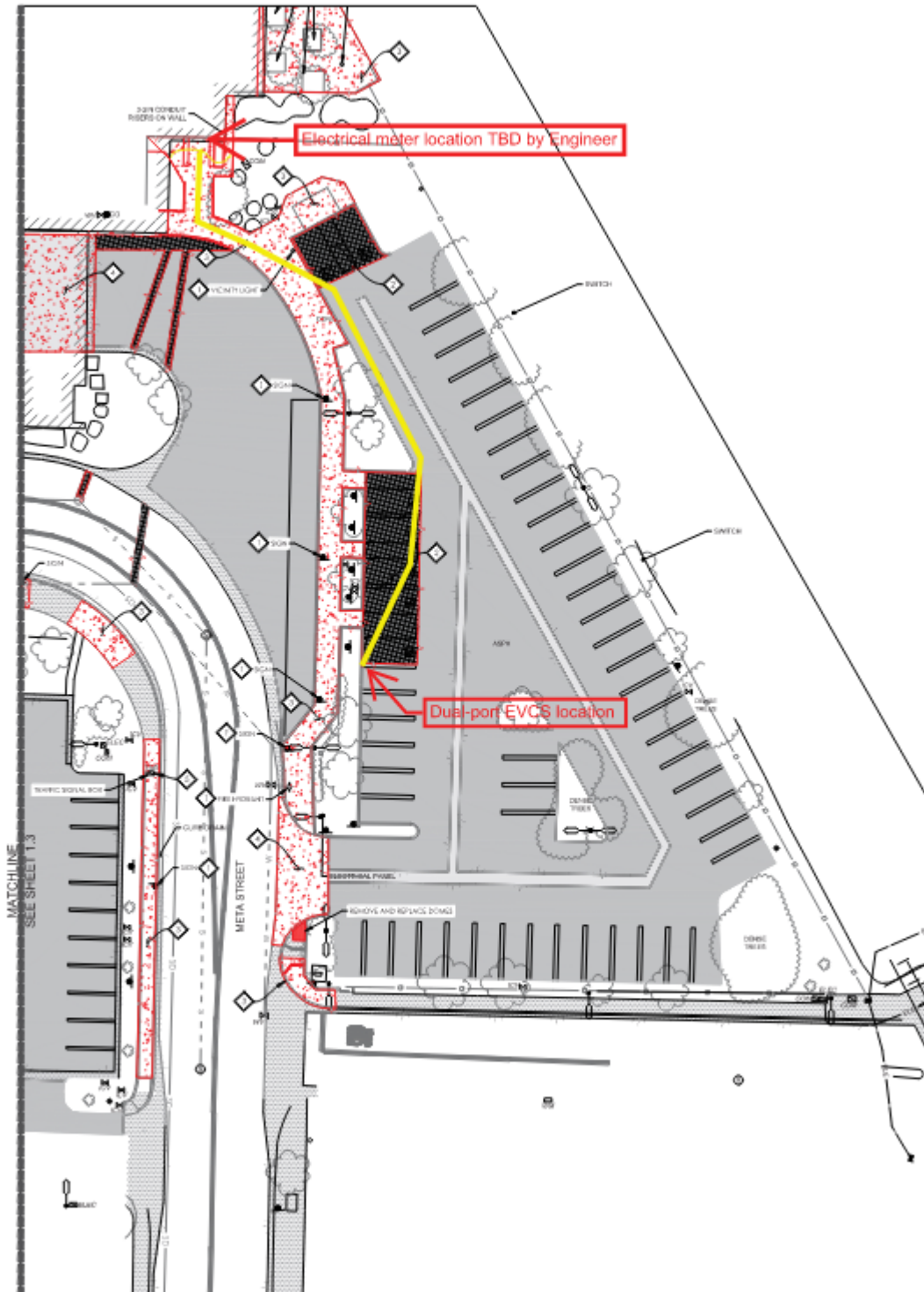


Figure 2 Improvements Locations



Location 1 EVCS at Camarillo Station



Location 2 EVCS at Oxnard Station

I, Claire Grasty, Director of Public Transit have been given full authority by Ventura County Transportation Commission (VCTC) to prepare this report. I certify that the information and data contained in this report are true to the best of my knowledge and belief and I understand that disciplinary action may be taken in the event that the following information are found to be falsified.



Claire Grasty

1/24/24

Date

Program Manager-Regional Transit Planning

Ventura County Transportation Commission

I have reviewed the information contained in this report and find the data and information to be complete, current, and accurate



Claire Grasty, Director of Public Transit

1/24/24

Date

Ventura County Transportation Commission

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1. INTRODUCTION

Detailed Project Description/Scope: *The Ventura County Transportation Commission (VCTC) is currently proposing the Electric Vehicle Charging Station (EVCS) Improvements at Camarillo and Oxnard Stations, which will add 6 total electric vehicle (EV) charging spaces at Camarillo and Oxnard Stations.*

The proposed improvements will include adding 4 EV spaces at Camarillo Station and 2 EV spaces at Oxnard Station. One of the EV will be designated for a van accessible handicapped parking spots to meet the California Building Code (CBC) requirements. Improvements will include installing the EVCS infrastructure including the charger, foundation, trenching to the connection point, new meter, and all other electrical appurtenances required for EVCS installation. These new EV charging spaces will include appropriate signage and striping to indicate the change in use.

Project Limit/Footprint	<i>District 07-Ventura County-LOSSAN-Santa Barbara Subdivision Camarillo Station Oxnard Station Union Pacific Railroad Santa Barbara Subdivision, Mile Post 413.35(Camarillo) and Mile Post 403.94(Oxnard). Project will be within VCTC, City of Oxnard and UPRR ROW.</i>
Total Project Cost	<i>\$410,700</i>
Outputs	<i>4 EV Charging Spaces (Camarillo) 2 EV Charging Spaces (Oxnard)</i>
Outcomes	<i>Providing EV charging capabilities to the public.</i>
Environmental Determination or Document	<i>CEQA NOE was filed with the County Clerk on October 26th, 2023.</i>

2. BACKGROUND

The proposed project is located within the City of Camarillo and City of Oxnard, within Ventura County. Improvements involve limited construction and are restricted to the VCTC, City of Oxnard and Union Pacific Railroad (UPRR) right-of-way (ROW).

3. PURPOSE AND NEED

Purpose

The proposed Electric Vehicle Charging Station (EVCS) Improvements at Camarillo and Oxnard Station is to add EV charging spaces to Camarillo and Oxnard Stations, improve amenities at the stations, improve accessibility to the EV Charging for users with wheelchairs, and align VCTC’s goals to align with California statewide electric vehicle programs.

Need

A. Problem:

Currently there are no EV Chargers at Oxnard Station. There are only two(2) chargers owned by Caltrans at Camarillo Station, located away from the station and not accessible to a person in a wheelchair.

B. Regional and System Planning:

The charging stations are consistent with the recommendations of the Ventura County Electric Vehicle Ready Blueprint which supports electric vehicle and associated charging infrastructure development throughout Ventura County. The Blueprint highlights the existing market, funding, and policy context informing electric vehicle ecosystem development at regional and local levels for Ventura County. The Ventura County Electric Vehicle Ready Blueprint also provides a set of comprehensive recommendations to further accelerate the adoption of electric vehicles, expand access to electric vehicle charging through infrastructure improvements, and align Ventura County’s transportation electrification initiatives with California’s statewide electric vehicle programs, projects, and incentives

C. Traffic

The EVCS improvements will improve accessibility to the EV charging amenities and encourage more residents to use EV vehicles.

4. ENVIRONMENTAL CLEARANCE DESCRIPTION

CEQA Notice of Exemption (NOE) Statutory Exemption 15275 Specified Mass Transit Projects – filed on October 26th, 2023

5. CONSIDERATIONS REQUIRING DISCUSSION

5A. Hazardous Waste

The project is exempt under Statutory Exemption 15275 Specified Mass Transit Projects. No hazardous waste is anticipated.

5B. Value Analysis

The design team and stakeholders will perform internal Value Engineering Analysis on the project during the design.

5C. Resource Conservation

Existing infrastructure (asphalt pavement, base, railing.) will be salvaged and reused to the greatest extent possible.

5D. Right-of-Way Issues

Acquisition of ROW is not anticipated. All of the ROW is owned by Ventura County Transportation Commission (VCTC) and City of Oxnard. Agreements are not anticipated

5E. Environmental Compliance

CEQA Notice of Exemption (NOE) Statutory Exemption 15275 Specified Mass Transit Projects – filed on October 26th, 2023.

5F. Air Quality Conformity

The project is exempt under Statutory Exemption 15275 Specified Mass Transit Projects. No long-term air quality impact is anticipated.

5G. Title VI Considerations

Title VI considerations have not been incorporated at this stage of the project development. State Small Business and DBE requirements will be followed for construction of the project as well.

5H. Noise Abatement Decision Report

The project is exempt under Statutory Exemption 15275 Specified Mass Transit Projects. No long-term noise impact is anticipated.

6. FUNDING, PROGRAMMING AND ESTIMATE

Funding

The Preliminary Engineering and Final Design is funded through State Transit Assistance (STA) funds in the VCTC budget. The construction will be funded through Federal Transit Administration (FTA) funds.

Fund Source	Project Component (in \$1,000)						
	PA&ED Support	PS&E Support	Right-of-Way Support	Construction Support	Right-of-Way Support	Construction	Total
SBI-SCCP						\$60	\$60
STA(Local)	\$13	\$51.4		\$28.5		\$257.8	\$350.7
Total	\$ 13	\$ 51.4		\$28.5			\$410.7

Estimate

The project estimate was developed from the concept level design. The construction cost was developed from preliminary takeoffs and typical unit costs. The soft costs (Management, design, permitting, flagging) were developed as percentages of the construction cost based on experience with similar projects in Southern California.



PROJECT COST ESTIMATE

Project Name: EVCS at Camarillo and Oxnard Station
 Design Level: ROM Estimate
 Last Updated: January 16th, 2024

ITEM NO.	WORK DESCRIPTION	QUANTITY	UNIT COST	TOTAL COST	NOTES	
CONSTRUCTION COSTS						
1	EVCS AT CAMARILLO STATION			\$ 139,500.00	10% of total cost	
2	EVCS AT OXNARD STATION			\$ 98,500.00		
SUB-TOTAL: CONSTRUCTION COSTS				\$ 238,000.00		
PROJECT RELATED OVERHEAD COSTS						
6	CAMARILLO STATION DESIGN			\$ 37,665.00	Design through 60%	
7	OXNARD STATION DESIGN			\$ 26,595.00	Final design, support through construction, final certification	
8	CONSTRUCTION CONTINGENCY		10%	\$ 23,800.00	% of Construction per SCRRA DPM. (10% Design and 10% Construction Contingency)	
9	PROJECT MANAGEMENT (Lead Agency)		DPM 4%	\$ 9,520.00	% of Construction per SCRRA DPM	
10	CONSTRUCTION MANAGEMENT		DPM 8%	\$ 19,040.00	% of Construction per SCRRA DPM	
11	FLAGGING		DPM 0%	\$ -	% of Construction per SCRRA DPM	
12	AGENCY & STAKEHOLDER COSTS (SOCAL EDISON, CITY, SCRRA, COUNTY, MISC OTHER STAKEHOLDERS)		DPM 10%	\$ 23,800.00	% of Construction per SCRRA DPM; includes costs to other agencies for participation.	
13	MAINTENANCE OF WAY: TRACK/STRUCT. MAINTENANCE SUPPORT, S&C MAINTENANCE SUPPORT				n/a	
14	AGENCY MATERIAL PROCUREMENT LIST (From DPM -17)				n/a	
15	RIGHT-OF-WAY ACQUISITION/EASEMENTS				n/a	
16	ENVIRONMENTAL MITIGATIONS				n/a	
17	SCRRA RAILROAD WORK ORDERS				n/a	
18	OTHERS (FEES, LEGAL)				n/a Stakeholder agreements; C&M agreement, etc.	
19	BUILDING AND SAFETY PERMIT				n/a	
20	TITLE REPORTS				n/a	
21	OTHER PERMITTING/CITY REQUIREMENTS		4.0%	\$ 9,520.00	% of Construction. Assumes City permits will be required.	
SUB-TOTAL: PROJECT RELATED OVERHEAD COSTS				\$ 149,940.00		
22	PROJECT RESERVE/CONTINGENCY		DPM 15%	\$ 9,282.00	% of Construction per SCRRA DPM	
23	INFLATION	Rate:	3.40% # Years	1.0	\$ 13,505.55	To midpoint of construction. The inflation is applied for soft costs and construction cost
TOTAL CONSTRUCTION COSTS AND OVERHEAD COSTS:				\$ 410,727.55		

7. DELIVERY SCHEDULE

Project Milestones	Milestone Date (Month/Day/Year)	Milestone Designation (Target/Actual)
Project Study Report Approved	NA	NA
Begin Environmental (PA&ED) Phase	09/23	Actual
Circulate Draft Environmental	09/23	Actual

Document – Document Type (ND/MND)/FONSI		
Draft Project Report	01/19/24	Target
End Environmental Phase (PA&ED Milestone)	10/26/23	Actual
Begin Design (PS&E) Phase	02/01/24	Actual
End Design Phase (Ready to List for Advertisement Milestone)	08/01/24	Target
Begin Right of Way Phase	NA	Target
End Right of Way Phase (Right of Way Certification Milestone)	NA	Target
Begin Construction Phase (Contract Award Milestone)	10/01/24	Target
End Construction Phase (Construction Contract Acceptance Milestone)	8/14/26	Target
Begin Closeout Phase	08/14/26	Target
End Closeout Phase (Closeout Report)	10/14/26	Target

8. RISKS

Risks to the project include:

- *Delays in gaining approval as-builts from the right of way owners may delay the project. Both locations have other projects that have as built drawings already collected.*
- *Southern California Edison may be involved especially at Camarillo Station due to installation of new meter, presence during construction and new work order. Team will collaborate with So Cal Edison early and establish the necessary permitting early to meet project schedules.*
- *EVCS may be a long lead item and not readily available. Team had received actual quote for the chargers and will be collaborating with vendors to see if material can be expedited to be on hand.*

- *If it is determined that utilities need to be relocated during the design process, then coordination with third party utility owners could delay the project. The design team will attempt to identify utility conflicts early in the project development process and reach out to utility owners as early in the process as possible.*

9. EXTERNAL AGENCY COORDINATION (anticipated agreements)

The project requires the following coordination:

Southern California Edison

Preliminary Permit/ Work Order– Pending

10. ADDITIONAL INFORMATION

11. ATTACHMENTS

- A. Project Location Map (2 Pages)
- B. Notice of Exemption (CEQA) (2 Page)
- C. Engineers Estimate (3 Page)
- D. Conceptual Exhibits (5 Pages)