

# Electric Vehicle Charging Stations

## November 2022 Project Update



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# Current Progress and Next Steps

- ▶ First Project: 30 Muir Rd, Martinez, CA 94553
  - ▶ Feasibility study complete - Approx. 15 chargers, 30 ports
  - ▶ Construction Documents underway
  - ▶ Exploring use of Job Order Contractor for installation
  - ▶ Expected install date Q2 2023
- ▶ Next Set of Projects:
  - ▶ Load study will be completed by end of calendar year
  - ▶ Construction Design Documents Completed in Q1 2023

255 Glacier Dr, Martinez, CA 94553
50 Douglas Dr, Martinez, CA 94553
2475 Waterbird Way, Martinez, CA 94553
4545 Delta Fair Blvd, Antioch, CA 94509
4549 Delta Fair Blvd, Antioch, CA 94509



# Electric Vehicle Charging Stations Funding Summary - (Owned Facilities)

ALL FIGURES ARE ROM ESTIMATES AND SUBJECT TO CHANGE

Staging Order	Address (Bolded = Board Approved Priority)	# of Level 2 Ports (active plugs)	Total External Funding Available	Measure X Funding (NET)	Net Cost Per Port
1	30 Muir Rd, Martinez, CA 94553	30	\$230,000	\$310,000	\$10,333
2	255 Glacier Dr, Martinez, CA 94553	8	\$76,000	\$58,000	\$7,250
3	50 Douglas Dr, Martinez, CA 94553	12	\$114,000	\$92,000	\$7,667
4	2475 Waterbird Way, Martinez, CA 94553	6	\$57,000	\$51,000	\$8,500
5	4545 Delta Fair Blvd, Antioch, CA 94509	12	\$72,000	\$134,000	\$11,167
6	4549 Delta Fair Blvd, Antioch, CA 94509	10	\$60,000	\$120,000	\$12,000
7	595 Center Ave, Martinez, CA 94553	8	\$76,000	\$58,000	\$7,250
8	597 Center Ave, Martinez, CA 94553	8	\$76,000	\$68,000	\$8,500
9	5555 Giant Hwy, Richmond, CA 94806	8	\$76,000	\$68,000	\$8,500
10	1960 Muir Rd, Martinez, CA 94553	8	\$76,000	\$58,000	\$7,250
11	202 Glacier Dr, Martinez, CA 94553	6	\$57,000	\$41,000	\$6,833
12	151 Linus Pauling Dr, Hercules, CA 94547	6	\$24,000	\$74,000	\$12,333
13	1305 Macdonald Ave, Richmond, CA 94801	10	\$95,000	\$85,000	\$8,500
14	2530 Arnold Dr, Martinez, CA 94553	8	\$76,000	\$68,000	\$8,500
15	4800 Imhoff Pl, Martinez, CA 94553	4	\$38,000	\$34,000	\$8,500
16	1650 Cavallo Rd Antioch	4	\$16,000	\$56,000	\$14,000
17	2500 Alhambra Ave, Martinez 94553	4	\$38,000	\$34,000	\$8,500
18	847 Brookside, Richmond 94801	4	\$38,000	\$34,000	\$8,500
19	2047 Arnold Industrial Way, Concord 94520	4	\$38,000	\$34,000	\$8,500
20	4061 Port Chicago Hwy, Concord 94520	4	\$38,000	\$34,000	\$8,500
21	30 Douglas, Martinez 94553	8	\$76,000	\$68,000	\$8,500
22	40 Douglas, Martinez 94553	8	\$76,000	\$68,000	\$8,500
23	2467 Waterbird Way, Martinez, CA 94553	4	\$38,000	\$34,000	\$8,500
24	550 Sally Ride Dr, Concord, CA 94520	8	\$76,000	\$58,000	\$7,250
25	10 Douglas Dr, Martinez, CA 94553	6	\$57,000	\$41,000	\$6,833
					Average
	<b>TOTALS</b>	<b>214</b>	<b>\$1,846,000</b>	<b>\$1,780,000</b>	<b>\$8,827</b>

## Notes:

- Bolded sites are prioritized
- # of Ports are high estimates
- External Funding is sourced from three entities (MCE, CCTA, BAAQMD)
- Total gross cost per port is conservatively estimated at \$18K
- Staging Order accounts for fleet size and existing conduit at each site
- Measure X allocation leave \$720K for internal costs (29% of total \$2.5M budget)



# Electric Vehicle Charging Stations Funding Summary (Leased Facilities)

All FIGURES ARE ROM ESTIMATES AND SUBJECT TO CHANGE					
Staging Order	Address (Bolded = Board Approved Priority)	# of Level 2 Ports (active plugs)	Total External Funding Available	Departmental Funding (Net)	Net Cost Per Port
26	2500 Bates Ave. Concord, CA 94520	6	\$57,000	\$51,000	\$8,500
27	2731 Systron Dr. Concord, CA 94518	6	\$57,000	\$51,000	\$8,500
28	2600 Stanwell Dr. Concord, CA 94520	4	\$38,000	\$34,000	\$8,500
	<b>TOTALS</b>	<b>16</b>	<b>\$152,000</b>	<b>\$136,000</b>	<b>\$8,500</b>

## Notes:

- County lease-types are diverse, as are landlord preferences, requiring a custom approach to each project
- Departments increasingly express interest in EV charging stations at leased facilities