CHARGETRONIX
ENERGY INFRASTRUCTURE DELIVERY

CASE STUDY

ROOSEVELT CENTER

26 Public Charging Ports

Mixed-speed EV charging for a Redwood City shopping center.

Six 100 kW ChargeTronix Gen 2 DC fast chargers and 20 Level 2 ports provide public charging around the clock.



REDWOOD CITY, CA | MAY 27, 2026

6	100 kW	20	26
DC FAST CHARGERS	PER DC CHARGER	AC LEVEL 2 PORTS	TOTAL CHARGING PORTS

01 CUSTOMER GOAL

The center wanted reliable public charging that would attract EV drivers, support nearby visits, and create new value from the parking lot.

- Fast charging for travelers making brief stops.
- Level 2 charging while visitors shop or use the library.
- Charging revenue and stronger appeal to EV drivers.

02 PROJECT DELIVERY

The project team coordinated utility work, two-phase construction, electrical infrastructure, inspections, networking, and client onboarding.

- Utility coordination, scanning, trenching, and power/data conduit.
- New EV meter, 1,200A switchgear, 600A subpanel, and 225 kVA transformer.
- Six 100 kW DCFCs and 10 dual-port Level 2 chargers.
- Started December 2025; commissioned May 27, 2026.

03 RESULT

The shopping center now offers 24/7 public charging for drivers making a quick stop or spending more time nearby.

- 6 CCS1 DC ports and 20 Level 2 ports.
- Charging options matched to short and longer visits.
- New customer traffic and charging-revenue potential.

INFRASTRUCTURE DELIVERY PATH

From utility preparation through commissioning

UTILITY	→	1,200A SWITCHGEAR	→	POWER + DATA	→	6 DCFCs + 20 L2 Ports	→	COMMISSIONING
New service + EV meter		277/480V infrastructure		225 kVA transformer + 600A subpanel		26 public ports		Network + onboarding

FIELD CHALLENGE SOLVED

A busy parking lot required phased construction.

The team completed the work in two phases while coordinating major parking-lot closures at a high-traffic shopping center.

BUILT FOR GROWTH

Future energy potential

Potential solar + battery storage and additional EV charging at other properties under the same management group.

PLANNING EV CHARGING FOR A COMMERCIAL PROPERTY?

ChargeTronix coordinates utility requirements, site work, installation, networking, commissioning, and ongoing support.

www.chargetronix.com