CHARGETRONIX
ENERGY INFRASTRUCTURE DELIVERY

CASE STUDY

SAN DIEGO, CA | JULY 8, 2026



4444 ZION AVENUE

20 Public Charging Ports

Mixed-speed EV charging for a San Diego office property.

Six dual-port 100 kW ChargeTronix Gen 2 DC fast chargers and eight Level 2 ports expand publicly accessible charging at 4444 Zion Avenue.

6	100 kW	8	20
DC FAST CHARGERS	DC FAST-CHARGING POWER	AC LEVEL 2 PORTS	TOTAL CHARGING PORTS

01 CUSTOMER GOAL

The property wanted convenient public charging that would serve visitors, create value from existing parking, and support its environmental goals.

- Fast charging for short stops and office visits.
- Level 2 charging for longer stays.
- Charging revenue and stronger appeal to EV drivers.

02 PROJECT DELIVERY

The team coordinated utility work, phased construction, electrical infrastructure, networking, and commissioning.

- Utility coordination, scanning, trenching, and power/data conduit.
- New EV service, meter, and 1,200A switchgear for DCFCs; 200A subpanel for Level 2 charging.
- Six dual-port 100 kW DCFCs and eight Level 2 ports installed and commissioned.
- Public charging commissioned July 8, 2026.

03 RESULT

The property now offers publicly accessible mixed-speed charging for drivers making a quick stop or spending more time on site.

- 12 CCS1 DC ports + 8 J1772 Level 2 ports.
- Dual simultaneous charging across six DCFCs.
- More driver choice, charging revenue, and long-term property value.

INFRASTRUCTURE DELIVERY PATH

From utility preparation through commissioning

UTILITY → New service + EV meter

1,200A SWITCHGEAR → 277/480V DCFC service

POWER + DATA → 200A L2 subpanel

6 DCFCs + 8 L2 PORTS → 20 public charging ports

COMMISSIONING → Network + onboarding

FIELD CHALLENGE SOLVED

Funding requirements changed the installation sequence.

The team phased Level 2 and DC fast-charging work around rebate timing and DCFC power availability.

BUILT FOR GROWTH

Future energy opportunities

Potential solar, battery storage, and additional EV charging at the property.

PLANNING EV CHARGING FOR A COMMERCIAL PROPERTY?

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

www.chargetronix.com