CHARGETRONIX
ENERGY INFRASTRUCTURE DELIVERY

CASE STUDY

DEHOFF'S MARKET

10 Public Charging Ports

DC fast charging for a Redwood City neighborhood market.

Five dual-port 100 kW ChargeTronix Gen 3 DC fast chargers provide 10 public CCS1 charging ports for market customers and nearby drivers.



5	100 kW	10	10
DC FAST CHARGERS	POWER PER DC CHARGER	CCS1 DC PORTS	TOTAL CHARGING PORTS

01 CUSTOMER GOAL

The market wanted convenient public fast charging that would serve local drivers, support shopping visits, and create value from existing parking.

- Quick charging during 30- to 40-minute shopping visits.
- A local fast-charging hub for the community.
- Charging revenue and added customer traffic.

02 PROJECT DELIVERY

The project team coordinated utility work, underground infrastructure, charging equipment, inspections, networking, and client onboarding.

- Utility coordination, scanning, trenching, and power/data conduit.
- New EV service and meter with 1,000A, 277/480V switchgear.
- Five dual-port 100 kW Gen 3 DCFCs installed, networked, and commissioned.
- Construction began March 2026; energized June 2026; commissioned July 15, 2026.

03 RESULT

Dehoff's Market now offers public DC fast charging for drivers shopping on site or visiting the surrounding neighborhood.

- 10 CCS1 DC fast-charging ports.
- 100 kW charging for shorter stops.
- Added charging-revenue and customer-traffic potential.

INFRASTRUCTURE DELIVERY PATH

From utility preparation through commissioning

UTILITY	→	1,000A SWITCHGEAR	→	POWER + DATA	→	5 DCFCs	→	COMMISSIONING
New EV service + meter		277/480V DCFC service		Underground conduit		10 charging ports		Network + onboarding

FIELD CHALLENGE SOLVED

Three-week installation met the rebate deadline.

The team moved from trenching through charger installation in three weeks, then coordinated ADA and charger-orientation requirements before final inspection on October 21, 2026.

BUILT FOR GROWTH

Community charging potential

The compact lot limits on-site expansion, but the project can support referrals and similar charging opportunities across the community.

PLANNING EV CHARGING FOR A COMMERCIAL PROPERTY?

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

www.chargetronix.com