

# Wachter Expands EV Charging Station Footprint in Arizona for National EV Manufacturer

Customers can now shop at retail stores while vehicles fully charge in 30 minutes



## The Customer

Nationwide Electrical Vehicle Manufacturer

## Industry

Electrical Vehicles

## Location

Buckeye, AZ

## Duration

Seven Weeks

## Services

- EV Charging Station
- Electrical Conduits
- Underground Conduits
- Trenching
- Boring
- Irrigation Systems
- Landscaping
- Clean Energy Installation

## The Challenge

A nationwide electrical vehicle (EV) company wanted to expand its EV charging station footprint in Buckeye, AZ, just west of Phoenix.

The charging station is surrounded by a regional shopping center with restaurants and storefronts, and sits along the side of a heavily-trafficked thoroughfare near Interstate 10.

The challenge required Wachter to level and grade the land, remove debris, install landscaping, install irrigation systems, use trenching and boring equipment, and connect power to superchargers at the charging station.

## The Solution

Before installing the new charging stations, Wachter technicians had to level and grade the land to remove brush and debris. Wachter also installed a new irrigation system to supply trees and plants surrounding the charging station.

Wachter's team then used trenching and boring equipment to connect the new location of the 2,000 amp switchgear to an existing utility power pole. Wachter technicians then trenched to the superchargers and to the charging stations to where Wachter had installed underground electrical conduits.

## The Results

Wachter completed this project within budget, in two months' time, and within the specific guidelines from the manufacturer. This charging station includes eight charging spaces and provides easy access for EV owners to charge an EV made by the client.

Owners can charge the manufacturer's EV within 30 minutes and shop in nearby businesses as it charges.

Wachter has serviced EV charging stations throughout the nation in retail parking lots, hotels, and drive-thru restaurants.



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