



**NOTES:**

Details in this design detail are intended to show standards and minimum detail provided for an EV charging station design and construction. All EV charging stations require detailed design to the specific site location to be reviewed and approved.

The drawing shows EV chargers placed on an existing street and does not depict ADA accessible EV chargers. Site specific design providing for access and reach requirements is needed for an ADA accessible charger.

Charging infrastructure shall not be placed in locations which block a Pedestrian Access Route (PAR).

All existing concrete sidewalk not scheduled for replacement but being crossed by the installation of traffic items, electrical conduit, piping, etc. shall be fully removed at an existing joint and replaced per standard drawing 2300 unless noted otherwise. Refer to standard drawing 144.1 page 2 for curb repair. Show a minimum 4 ft PAR through the site with shading detailing the path. Provide spot shot elevations and cross slopes throughout the PAR. Adhere to all requirements of the City ADA Rules and Regulations.

\*\*\* Can be 18" from face of curb when located within 5 ft of parking stall delineation.

\*\*\* 3 ft clearance shall be maintained between underground charger infrastructure including pull boxes, conduit, foundations, and existing utilities. Refer to Plan Routing Manual for utility clearances.

\*\*\* See section 6 of the EVSE design guidance for spacing requirement.

Designer Note: This drawing is intended to accompany the EV Design Guidance document and is not intended as a Standard Construction Drawing. It is intended to show some important dimensions such as Minimum PAR and offset from the curb for charging stations. It is NOT intended to be a template for all future designs.

# EV CHARGING PARALLEL PARKING - DESIGN DETAIL