

Best Practices for Electric Vehicle Charging in the Public Right-Of-Way

Prepared by the City of Pittsburgh Department of Mobility and Infrastructure

Purpose: This document conveys the best practices for residents charging electrical vehicles in the public parking lane using a Level 1 charger. Vehicles and charging equipment are subject to all provisions in City Code including violations, fees and fines where provisions are violated.

Applicability: At this time, the City does not issue permits for equipment or vehicle parking related to EV charging in the ROW. Residents are encouraged to charge their vehicle on private property wherever possible. Use of an EV charger in the ROW does not reserve the parking space for any specific vehicle or resident. Guidelines are provided for reference only. The City makes no guarantees or warranty about the information provided.

Level 1 EV Charging in the ROW Best Practices:

Do's	Do-Not's
<ul style="list-style-type: none"> • Do use a cord cover. Cords should not present a tripping hazard or barrier to sidewalk accessibility. See next section for additional practices. • Do store all equipment on private property when not in use. • Do ensure that chargers comply with National Electric Code. 	<ul style="list-style-type: none"> • Do not block access to any curb cut, transit stop, fire hydrant, or crosswalk. • Do not violate permit or other parking restrictions. All local parking regulations, remain unchanged and shall be followed. • Do not install signage insinuating the restriction or privatization of street parking.

Cord Covers:

Cord covers must cover the full width of the sidewalk. The cord cover must be stable and secure and not easily moved with any typical sidewalk use.

For cord covers under 1/2" in height:
If the total height of both the cord and ramp does not exceed 1/2 inch, then the ramps on either side must not exceed a steepness of 50% grade or a 1:2 gradient.

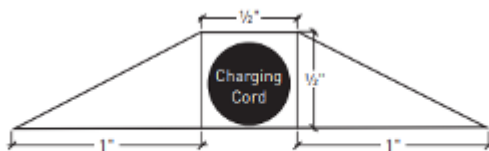


FIGURE 1. CROSS-SECTION OF RAMP REQUIREMENTS FOR UP TO 1/2 INCH

For cord covers greater than 1/2" in height:

- The ramp shall be no steeper than an 8.3% grade or 1:12 gradient (for example, a one-inch-high cord cover should have ramps that extend at least one foot)
- A 3' x 5' clear landing on the sidewalk must be on either side of the ramp

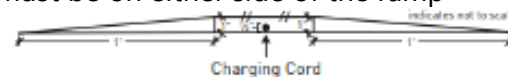


FIGURE 2. CROSS-SECTION OF RAMP REQUIREMENTS FOR OVER 1/2 INCH HEIGHT, EXAMPLE BASED ON A TOTAL HEIGHT OF 1 INCH