City of Stuart Guide for Accessible EVCS

This guide applies to Electric Vehicle Charging Stations (EVCS) that will be installed in parking lots and intended for use by the general public.



EV drivers with disabilities need to have access to EVCS, but the codes are still evolving. This guide is meant to comply with the intent of the Americans with Disabilities Act.

- The first station installed needs to be an accessible space.
- Twelve feet wide with a five-foot access aisle. Eighteen feet long
- It needs to be on an accessible route.
- This space doesn't have to be for the exclusive use of a disabled person if less than five stations are installed.
- It also doesn't have to comply with being the shortest route to the facility, but the route to the facility must be fully accessible. Defined as "continuous, unobstructed way of pedestrian passage" from the EVCS to the facility
- The access aisle can be shared with another accessible space.
- Access aisle need to be provided between the EVCS space and the EV Service Equipment.
- The equipment must comply with reach requirements, turning radius, etc..
- Consideration should be taken when locating stations so that cords do not block pedestrian paths or accessible routes when plugged into a vehicle
- One to four EVCS require one to be accessible, five to twenty-five EVCS require two to be accessible. One space dedicated to accessible EVCS only.

Accessible route illustration. EVCS signage Possible Layout with 2 charging heads





