

CORRAL LOCATION REQUIREMENTS

1. A signed agreement documenting the business or organization responsible for street sweeping and debris removal is required prior to corral installation. (Street sweeping in the corral and along the adjacent curb out to 20 ft in both directions must be performed by hand.)
2. Corrals must be a minimum 50' from a storm drainage inlet to accommodate OPW Hydro-Vac vehicles.
3. Where parallel parking adjoins the corral, the stall should be a minimum of 22' in length.
4. Any rack within the corral must be a minimum of 6' from any fire hydrant and a minimum of 4' away from any in-ground utility covers (manholes, gate pots, etc).
5. Where located at far side of a bus stop, the corral should be placed 15' minimum after AC Transit flag.
6. Racks cannot be installed in asphalt or concrete that is in poor repair, or on roads that are scheduled for paving within 18 months.

BIKE RACK AND CORRAL MATERIALS SPECIFICATIONS

1. In asphalt, multiple racks can be mounted on a single flange (2-4 loops per flange). On concrete, single-loop, flange-mounted racks should be used. Different installation hardware is used for asphalt and concrete installations (see DWG. NO. X-4). All installations will use security anchors in a subset of the mounting holes.
2. In corrals that are less than 8' wide, a 16.5" inverted U-rack should be used. In corrals that are more than 8' wide, a 34" circular rack can be used.
3. A four inch band of white reflective tape must be adhered to the leg of each bike rack loop closest to the travel lane.
4. White delineators shall be Safe-Hit Flexible Channelizer Tubular Marker, Model SH148SMA-WS or equivalent, 40" high, with reflective white tape on both sides of the wand, mounted using 5" lag screws and epoxy on the bottom of the bases and to reinforce the mounting holes (see page 5).
5. Recycled rubber wheel stops shall be 4' or 6' long with white reflective tape, installed to the manufacturer's directions (based on roadway surface type) and reinforced with epoxy in the mounting holes.
6. A reflective, anti-graffiti-coated bike corral sign may be installed on a new pole or electroliter; see page 6.



RACK TYPES: Flange-mounted, square-tube, galvanized steel; U- and circular-styles (shown w/ 4" white reflective tape adhered to the travel lane side of the rack footer).

RECOMMENDED CORRAL EDGE TREATMENTS

Adjoining Feature	Wheel Stop	Flexible Bollard	Buffer Striping
Crosswalk	-	MAYBE	MAYBE
Driveway	-	MAYBE	YES
Intersection	-	MAYBE	YES
Parking Space	YES	YES	-

NOTE: The curb along the length of the corral should be painted gray.



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RACK LOCATION REQUIREMENTS AND MATERIALS SPECIFICATIONS

SHEET 2 OF 6

BIKE CORRAL DETAILS

SCALE: NTS

DWG. NO.

DATE: JUL 2016

RC-2