

SECTION 8 BUS SHELTERS

8.01 GENERAL

A. Description

Bus shelters are covered, semi-enclosed waiting areas with benches located at bus stops. Bus shelters offer protection from inclement weather conditions, provide for passenger comfort, and establish a transit presence within a local area.

8.02 PLACEMENT GUIDELINES

A. Minimum Requirements

1. Bus shelters shall meet the following minimum placement guidelines:
 - a. Shelters located adjacent to buildings shall be placed a minimum of 8-inches away from the building wall.
 - b. Shelters shall not be placed so as to obstruct sidewalks or access to and from transit vehicles.
 - c. Shelters should not be placed where they obstruct visibility at street intersections or where vehicles enter onto an arterial from a private roadway or driveway.

A standard bus stop design with shelter placement is shown in the Standard Details.

8.03 DESIGN

A. Minimum Requirements

Bus shelter designs can vary considerably, from a single standardized structure, to a fully integrated design treatment when provided by developers or other sources (i.e. property owners, City, County, etc.) Bus shelters should, however, be easily recognizable as a bus stop and be consistent with the specifications provided in Section 1920 of the Standard Construction Specifications.

2. All bus shelters shall meet the following minimum guidelines:
 - a. Bus shelters shall be constructed of 1/4" inch bronze plexiglass and aluminum posts, bends and mullions. Components requiring routine, time-based replacement should not be included. All components should be easily removable to facilitate maintenance.
 - b. Bus shelters must be constructed so as not to pose safety hazards to passengers or to other individuals.

- c. Free-standing shelters should be placed on a non-slip concrete pad sloped toward the roadway for drainage (2%).
 - d. Curb cuts and ramps should be provided for wheelchair access, as necessary.
 - e. Minimum clearance of 4-feet from the curb is required (5-feet is desirable) for the front, sides, and rear for free-standing shelters to provide for wheelchair access.
 - f. Shelters shall have an opening from grade to the bottom of the wall panel of at least 6-inches.
 - g. Roof and support structure of the shelter shall be designed to hold a load of 40 pounds per square foot, and designed so that drainage is sloped away from the street side of the shelter.
 - h. Benches installed in bus shelters should be at least 6-feet long and be made of aluminum or other durable material.
 - i. Bus shelters may have bike racks, which should be placed at the rear and should have a minimum allowance of 4-feet on the sides and a minimum maneuvering space allowance of 9.5-feet.
3. In addition, the City may require that bus shelters be provided with lighting where the existing outdoor lighting level is inadequate. Lighting fixtures shall be easily maintained and vandal-resistant, and placed to maximize passenger illumination.