

SECTION 8 – SIGNAGE

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SECTION 8 – SIGNAGE

8.1.0 GENERAL

This Design Criteria establishes the minimum standards to be used in the design of RTD bus transit facilities. This section is intended to direct the Design Engineer in the design signage at all RTD bus transit facilities.

8.2.0 PARK-N-RIDES AND TRANSFER FACILITIES

8.2.1 Site Identification Sign

Site identification signage is located at the entrance or entrances to the site. There are two standard site identification sign configurations to be used at park-n-Ride (pnR) and bus transfer sites – one large and one small. The large sign should be placed at the primary entrance and the small sign at secondary entrances from public streets. Signage is oriented to the heaviest volume of traffic approaching. The size of a sign may be restricted by local sign ordinances and may be adjusted as required by the local jurisdiction and with approval from RTD.

Both signs are comprised of a sign panel mounted on cedar timber posts, which are embedded in a concrete foundation. The small sign panel is roughly 2.5' x 3.5', whereas the large panel is nearly 5' x 7' (see RTD Standard Drawings).

Variations from the standard signs (such as back-lit, instead of painted sign panels, or major modifications to the size) require prior approval from RTD.

When access points to pnRs are shared with commercial uses, the identification signs shall be combined whenever possible. This is done in an effort to create a more attractive, less cluttered look, which will be beneficial to all sites served by the access. Use of combined signage will require RTD approval and coordination with other owners.

8.2.2 Plaza Signage

Signage on the plaza area will consist of information kiosks, directional signs and bus stop signs. All plaza signage shall be in accordance with ADA and MUTCD.

Bus stop signs at transfer stations are to be located at each bus bay and will contain identification stickers for all the bus routes that stop at that bay. See section 8.3.0 for more information regarding these signs.

When plaza shelters do not contain sufficient space for route maps and schedules, additional information kiosks will be provided in the plaza area.

These kiosks shall be one of three standard types. See section 8.4.0 for details regarding the information kiosk signs to be located on the bus plaza.

Information kiosks should be located adjacent to major pedestrian flow. They should not be located in such a way as to impede passenger circulation patterns between connecting bus services or restrict ADA accessibility.

When six (6) or more bus routes serve a site, there shall also be signs placed at either end of the plaza area that identify the gate assignments for each route.

Some sites may also contain variable message signs (VMS) that display real-time bus arrival information. These signs will generally be located inside the plaza shelters. RTD will determine where the signs will be located on a site-by-site basis.

8.2.3 Traffic Signage/Circulation

All vehicular traffic signage shall be in accordance with the Manual on Uniform Traffic Control Devices (MUTCD).

Some customization of the standard MUTCD signs may be necessary to specifically address bus traffic. For example, "BUSES EXCEPTED" might be added to a "DO NOT ENTER" sign on designated bus loops within a park-n-Ride or transfer facility.

All pavement striping and markings shall be in accordance with the MUTCD.

8.2.4 Directional "Wayfinding Signage" Traffic Signs

When appropriate, signs will be installed to direct vehicular traffic to the pnR site. For example, when a pnR is located between interchanges on a highway, directional signs shall be placed at the nearest interchanges indicating patrons should exit there to access the pnR. If necessary, subsequent wayfinding signs shall be placed along the access route to instruct drivers where to turn. All such sign placement must be coordinated with CDOT or local jurisdictions as appropriate.

8.3.0 BUS STOP SIGNAGE

8.3.1 Sign Requirements

Red and white bus stop signs indicate stops along all RTD bus routes. Larger, more detailed signs which identify all the bus routes using that stop will be necessary at higher ridership points where numerous different routes stop. All standard red and white bus stop signs should contain at least one route number sticker.

Sign panels will be provided by RTD's sign shop and route number stickers will be added by RTD following installation.

Where bus stops include a passenger shelter, additional information displays that contain route information and schedules are typically provided.

8.3.2 Sign Location

When appropriate, the bus stop sign should be placed on existing features – i.e.: light poles, power poles. Otherwise, a new post shall be installed. If a passenger shelter is to be provided at the bus stop, the sign should be attached to the front part of the shelter, unless site constraints, visibility or other requirements specify another location.

When a bus stop requires a new sign to be installed (on a new post), the sign should be located 3 feet from the curb flowline directly in front of the bus boarding area.

The bottom of pole mounted signs shall be located 7 feet above finished grade. The pole or post shall be aluminum, installed in a vertical concrete aluminum sleeve that shall be exposed to a height that is below the break-away joint. The embedded sleeve shall be exposed with "three holes" above ground.

8.4.0 INFORMATION KIOSKS

One of three standard types of information kiosks shall be used at RTD bus transit facilities as described below. On a case by case basis, combinations of these types can be used upon coordination with RTD. The number of information kiosks per site shall be established during concept plan development, and shall be dependent on the pedestrian movement, volume, variety of directional flow, and the number of bus bays, islands and plaza areas.

- The most common standard information kiosk consists of a triangular concrete base with a 3-sided, red (or other color as required), metal sign holder containing 3 doors with plexi-glass panels to hold schedules and route maps. The triangular base is a right triangle with 2 equilateral sides of 3 feet, and is approximately 2 feet tall. The entire kiosk is roughly 6 feet tall.
- The second type of information kiosk is a single-panel sign that contains map/route information mounted on plywood and attached between two federal green poles. The kiosk dimensions are approximately 2 feet wide by 5 feet tall.
- The final type of information kiosk is either a 3 or 4 sided configuration of aluminum frames that contain individual sign panels with route and schedule information. Each frame is 18 inches wide by 6 feet tall. Where appropriate, these sign panels can be mounted to surround existing or proposed poles (such

as light poles) when plaza space is limited, or to minimize the impact to pedestrian flow in the plaza area.

The contractor shall provide the framed kiosk, and RTD shall provide the information panels. They shall be located at convenient locations on the plaza without impeding pedestrian traffic flow, but still provide the most exposure.

8.5.0 COMMEMORATIVE PLAQUES

8.5.1 General

At some facilities a commemorative plaque will be included in the design. In such cases, the design and construction of the plaza area need to incorporate an appropriate location for placement of the plaque (which is generally provided by RTD). Site requirements and plaque specifications will vary, so this element shall be coordinated with RTD's Planning and Development Department.