



Figure 209.1 Bus rapid transit is shown here loading and unloading passengers.



Figure 209.2 Commuter technology rail example.



Figure 209.3 Automated guideway technology example (similar to the Clarian People Mover).

RTW: RAPID TRANSIT WAY

The rapid transit way is the area where rapid transit vehicles travel or stop to load and unload passengers. Rapid transit technology includes bus rapid transit, light rail transit, and automated guideway transit. Transit can operate on exclusive right-of-way, semi-exclusive right-of-way, or a shared right-of-way in mixed traffic, bus lanes, or on reserved lanes. Regardless of the mode, rapid transit should share the following primary features:

- Dedicated travel ways allowing rapid movement with minimal interference from general vehicular traffic, bicyclists, and pedestrians.
- Accessible, safe, secure, attractive stations.
- Easy-to-board, attractive, environmentally friendly vehicles.
- Intelligent transportation system applications to provide real-time passenger information, signal priority, and service command/control.
- Frequent, all-day service.
- Efficient (i.e. off-vehicle) fare collection.

DESIGN PRINCIPLES SUPPORTED

1. Mobility
2. Health, Safety and Opportunity
3. Adaptability and Sustainability
4. Public Realm

GUIDELINES

RTW 1.0 GENERAL

Minimize conflicts between rapid transit travel lanes and other transportation modes.

RTW 1.1 Give transit vehicles priority at stop lights, particularly in the case of bus rapid transit.

RTW 1.2 Transit travel lanes will vary based on technology.

RTW 2.0 TRANSIT STOPS AND STATIONS

Stops and stations should offer convenience, comfort, and safe access for passengers and transit vehicles.

RTW 2.1 Structures should be permanent, weather-protected, well-lit, and secure facilities.

RTW 2.2 Coordinate station platform design with vehicle technology and the method of fare collection.

RTW 2.3 Provide convenient transfers, and supporting facilities, between all transportation modes for seamless intermodal transfers allowing for simple fare collection and traveler management.

RTW 2.4 Provide recognizable system identity and route information at all stops.

RTW 2.5 Include public art and landscaping in station design.

RTW 2.6 Create and maintain a convenient, pedestrian-friendly environment near stops and stations.

RTW 2.7 Provide access to parking facilities and park-and-ride lots adjacent to transit stops and stations.



Figure 210.1 Provide recognizable system identity and route information at all stops.



Figure 210.2 Transit stop example. Create and maintain a convenient, pedestrian-friendly environment near stops and stations.