

WHAT IS BUS RAPID TRANSIT?

Elements of BRT

- **Running ways**, with dedicated transit or mixed use lanes with transit signal priority or queue jumps to reduce delays for transit vehicles
- **Faster service**, through higher station spacing to consolidate boarding and alighting and reduce dwell time and delays
- **Accessible, safe, secure and attractive stations**, with sheltered stations and raised platforms for level boarding
- Easy-to-board, attractive, and **environmentally friendly** vehicles
- Efficient, **off-board fare collection** system
- **Frequent** service with longer hours of operation
- **Intelligent Transportation Systems (ITS)** to provide real-time passenger information, transit signal priority, closed circuit TV for safety and security and emergency phones
- **Distinctive** system identity with **branding** of vehicles/stations with unique design elements

Transitways

- Mixed-Flow
 - Transit travels in same lanes as other vehicles
- Dedicated Lanes
 - Transit travels in a lane separate from other vehicles
 - Lanes will be denoted by colored pavement



Transit Stations

- Shelters
- Level boarding
- Off-board fare collection system
- Service-specific branding
- Real-time service information display
- Emergency Phones
- Benches and other amenities



▲ US 1 Metroway station

Passenger Information Systems

- Real-time: Up-to-date vehicle location and arrival information
- Wayfinding Signs to provide direction to major attractions and destinations



Off-board Fare Collection

- Fare collected before boarding
- Validated through enforcement
- Increases service efficiency by reducing boarding time
- Allows boarding through all doors



Technology

- Traffic Signal Coordination – Managing traffic signals to improve flow of general traffic
- Transit Signal Priority (TSP) – Tactic used to reduce delay of transit vehicles caused by traffic signals
- Automated Vehicle Location (AVL) – Provides for the ability to know where buses are at any given point using GPS. Supplies data for real-time arrival information at bus stations



Branding and Identification

- Specific design standards
- Improves recognition of service
- Attract new riders



Transit Vehicles

- Service-specific low-floor bus rapid transit (BRT) buses with specific branding

