

TRANSITATION SERVICE DESCRIPTIONS

Regional or Commuter Rail

- Trains that run on railroad tracks (sometimes shared with freight services)
- Typically used for longer distance intercity travel and commuting
- Similar in nature to the existing Capitol Corridor services



Light Rail

- 90-120 foot long vehicles that can be joined together; 180-200 passengers per vehicle
- Operates in own segregated rail right of way or on-street, segregated or mixed with other traffic
- Similar to existing Blue and Gold Line light rail vehicles

European Street Tram

- 90-120 foot electric-powered vehicles – can be joined together if needed; 180-200 passengers per vehicle
- Run on a mix of rights-of-way including former railway, segregated on-street or on-street with other traffic
- Low floor level boarding provides easy step-free access



Streetcar

- 60-70 foot long vehicles that run as single units; 120 passengers in modern, vintage or 'heritage-style' vehicles
- US streetcar systems (e.g. Portland) typically run with traffic
- Streetcars are narrower and lighter weight than light rail, which makes them more adaptable to running in streets

Community Based Bus

- Combination of vehicle options:
- Smaller shuttles – 24 foot buses for 20-30 passengers: provide direct service to popular locations or circulator services to 'feed' passengers to higher capacity services
- Larger 'conventional' buses – 30-40 foot buses for 40-70 passengers
- 'Articulated' - 60 foot buses for 110-130 passengers
- Operate with traffic with stops typically every 200-600 feet



Hi-Bus: Bus Rapid Transit, Enhanced and Express Bus

- High frequency - 10 minute or less on main arterial routes
- High capacity - more vehicles and seats to improve the journey experience
- High quality - high quality vehicles and stops providing fast, reliable and direct trips
- Using transit priority measures to speed journey times (e.g. queue jumps, signal priority)



Ticketing

- Off-vehicle ticketing at all key bus stops
- Integrated fare structures across all operators in the region
- Offering cashless smartcards for all passes and pay-as-you-go trips
- Employee Pass and University Pass programs

Timetable Information and Maps

- Timetable Information and Customized, personal maps (and timetables) as well as local and network maps provided free online and in print
- 'Real-time' information on next LRT/bus and service disruptions provided at stops, online and to cell phones/PDAs



Pedestrian Improvements

- Wayfinding to help passengers get to and from key shopping, government, education and tourist destinations
- Complete streets and corridors to provide safe and easy access to the transit system

Transit Centers and Passenger Interchange

- A dedicated area, building or space to access the public transit system
- Can be designed as 'intermodal' to allow passengers to transfer between modes (e.g. bus to light rail or to commuter rail)
- Ideal locations for providing convenience facilities for waiting/arriving passengers



Stations, Stops and Passenger Safety



- Shelters, stops and park and rides that can include climate-controlled areas, 'real-time' information and CCTV cameras
- Landscaping, tree planting and public art integrated into design
- Convenience facilities integrated with park and ride sites (e.g. car washing, dry cleaning, coffee shops, etc.)