





# High Capacity Transit Options

High Capacity Transit Options	Basic Description of Operation	Corridor Type / Average Length (miles)	Average Station Spacing / Service Frequency	Average Daily Corridor Ridership / Travel Speed (MPH)	Examples
<p><b>Express Bus</b></p>  <p>MetroExtra Bus – Baltimore, MD      Metro Express - LA</p>	<ul style="list-style-type: none"> <li>Service to and from outer suburban areas to Central Business Districts</li> <li>Branded service with fewer stops and stations (use of park-n-rides)</li> <li>Operate on a variety of roadway facilities</li> <li>Phased implementation with bus rapid transit (BRT) or light rail transit (LRT)</li> </ul>	<ul style="list-style-type: none"> <li>Mixed traffic</li> <li>HOV lane</li> <li>Exclusive lane</li> </ul>	<ul style="list-style-type: none"> <li>Varies depending on location of suburban areas</li> <li>2 blocks to 30 miles</li> </ul>	<ul style="list-style-type: none"> <li>200 to 1,400 riders</li> <li>35 to 55 mph in express operation</li> </ul>	<ul style="list-style-type: none"> <li>Baltimore</li> <li>Los Angeles</li> <li>Miami</li> <li>Phoenix</li> <li>Seattle</li> <li>Washington, DC</li> </ul>
<p><b>Bus Rapid Transit (BRT)</b></p>  <p>EmX – Eugene, OR      MAX – Salt Lake City, UT</p>	<ul style="list-style-type: none"> <li>Operates in exclusive or mixed traffic lane environment with increased speeds through one or more of the following:</li> <li>Signal priority treatments, queue jump or bypass lane, bus lanes, off-board fare collection and/or use of smart cards or other advanced fare payment media, and greater stop spacing</li> <li>Improved information at stations and/or on board</li> <li>An enhanced image (vehicles, stations, and other components of the service)</li> </ul>	<ul style="list-style-type: none"> <li>Mixed traffic</li> <li>HOV lane</li> <li>Exclusive lane</li> <li>Grade Separated</li> </ul>	<ul style="list-style-type: none"> <li>0.4 mile to 1.2 miles</li> <li>2.5 to 12 minutes - peak</li> <li>30 minutes - off-peak</li> </ul>	<ul style="list-style-type: none"> <li>4,000 to 20,000 riders</li> <li>5 to 8 mph in central business district</li> <li>12 to 30 mph with stops</li> <li>35 to 55 mph in express operation on exclusive right-of-way or HOV lane</li> </ul>	<ul style="list-style-type: none"> <li>Boston</li> <li>Cleveland</li> <li>Eugene</li> <li>Honolulu</li> <li>Kansas City</li> <li>Las Vegas</li> <li>Los Angeles</li> <li>Orlando</li> <li>Salt Lake City</li> </ul>
<p><b>Light Rail Transit (LRT)</b></p>  <p>MAX - Portland, OR      LRT – Baltimore, MD</p>	<ul style="list-style-type: none"> <li>Typically, operates separated from other traffic below grade, at-grade, or on an elevated structure, but can operate together with motor vehicles on the surface.</li> <li>Service can be operated with single cars or multiple-car trains.</li> <li>Higher speeds and capacity than other modes and a range of service frequency.</li> </ul>	<ul style="list-style-type: none"> <li>Mixed traffic</li> <li>Exclusive lane</li> <li>Grade Separated</li> </ul>	<ul style="list-style-type: none"> <li>0.70 to 1.3 miles</li> <li>6 to 15 minutes - peak</li> <li>1 every 30 minutes - off-peak hours</li> </ul>	<ul style="list-style-type: none"> <li>10,000 to 36,000 riders</li> <li>5 to 15 mph for on-street</li> <li>25 to 40 mph for express operation in exclusive right-of-way</li> </ul>	<ul style="list-style-type: none"> <li>Baltimore</li> <li>Boston</li> <li>Cleveland</li> <li>Dallas</li> <li>Denver</li> <li>Portland</li> <li>Sacramento</li> <li>Salt Lake City</li> <li>San Diego</li> </ul>
<p><b>Streetcar</b></p>  <p>Streetcar - Portland, OR      Charles Street Trolley – Baltimore, MD</p>	<ul style="list-style-type: none"> <li>A variation of LRT, in which it operates along mostly shared or segregated rights-of-way, with one-car (or rarely, two-car) trains.</li> <li>Typically, operates in mixed traffic with frequent stops</li> <li>Often used as a downtown circulator</li> <li>Supports new development and redevelopment opportunities</li> </ul>	<ul style="list-style-type: none"> <li>Mixed traffic</li> <li>Exclusive lane</li> </ul>	<ul style="list-style-type: none"> <li>1-2 blocks to 0.15 miles</li> <li>5 to 12 minutes – peak and off-peak</li> </ul>	<ul style="list-style-type: none"> <li>12,000 to 30,000 riders</li> <li>5 to 15 mph for on-street</li> </ul>	<ul style="list-style-type: none"> <li>Charlotte</li> <li>Little Rock</li> <li>Memphis</li> <li>Portland</li> <li>San Francisco</li> <li>Seattle</li> <li>Tacoma</li> <li>Tampa</li> </ul>