

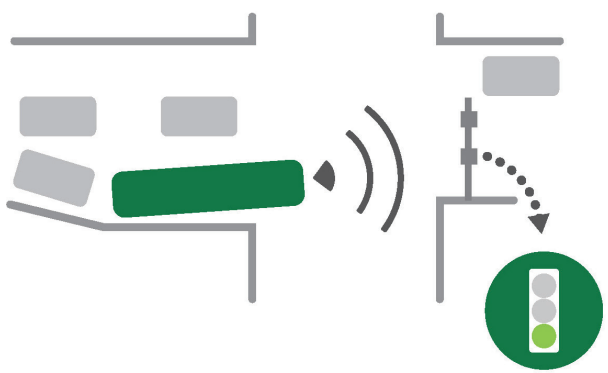
RALEIGH BRT: EQUITABLE DEVELOPMENT AROUND TRANSIT

RALEIGH BRT CORRIDORS



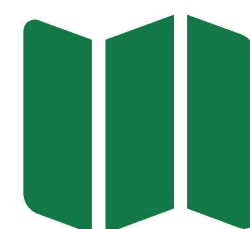
WHAT IS BRT?

Bus Rapid Transit (BRT) is a flexible, high capacity transit solution that combines physical and operational elements to improve speed and reliability. BRT creates dedicated bus lanes on local roads so bus operators can bypass traffic and keep their routes on schedule. The plan calls for building approximately 20 miles of BRT lanes. Along these BRT corridors, buses will have priority treatment at traffic signals. BRT stops will feature raised platforms, making it easier for passengers with wheelchairs, strollers or bicycles to board the bus. Fares are collected on the platform so riders can board without delay.



Transit Signal Priority

Intersection improvements including transit signal priority (TSP) allow buses to bypass congestion. TSP does so by giving buses longer green lights.



Bus Rapid Transit Branding

Unique designs make buses and stations more visible, raising awareness by distinguishing BRT from other transit services.



Dedicated Lanes

Bus-only lanes separate transit from traffic, and may be painted red or another color to increase their visibility.



Specialized Vehicles

Custom buses provide more capacity, more doors and lower floors for easier loading and unloading, and unique designs.



Enhanced Stations

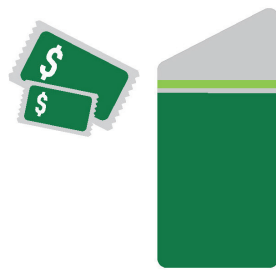
BRT stations include raised platforms, ticket vending machines, real-time arrival information, larger shelters, quality lighting, and other passenger amenities.

Source: GoForward



Frequent On-time Service

BRT buses would operate at least every 15 minutes for more than 12 hours a day.



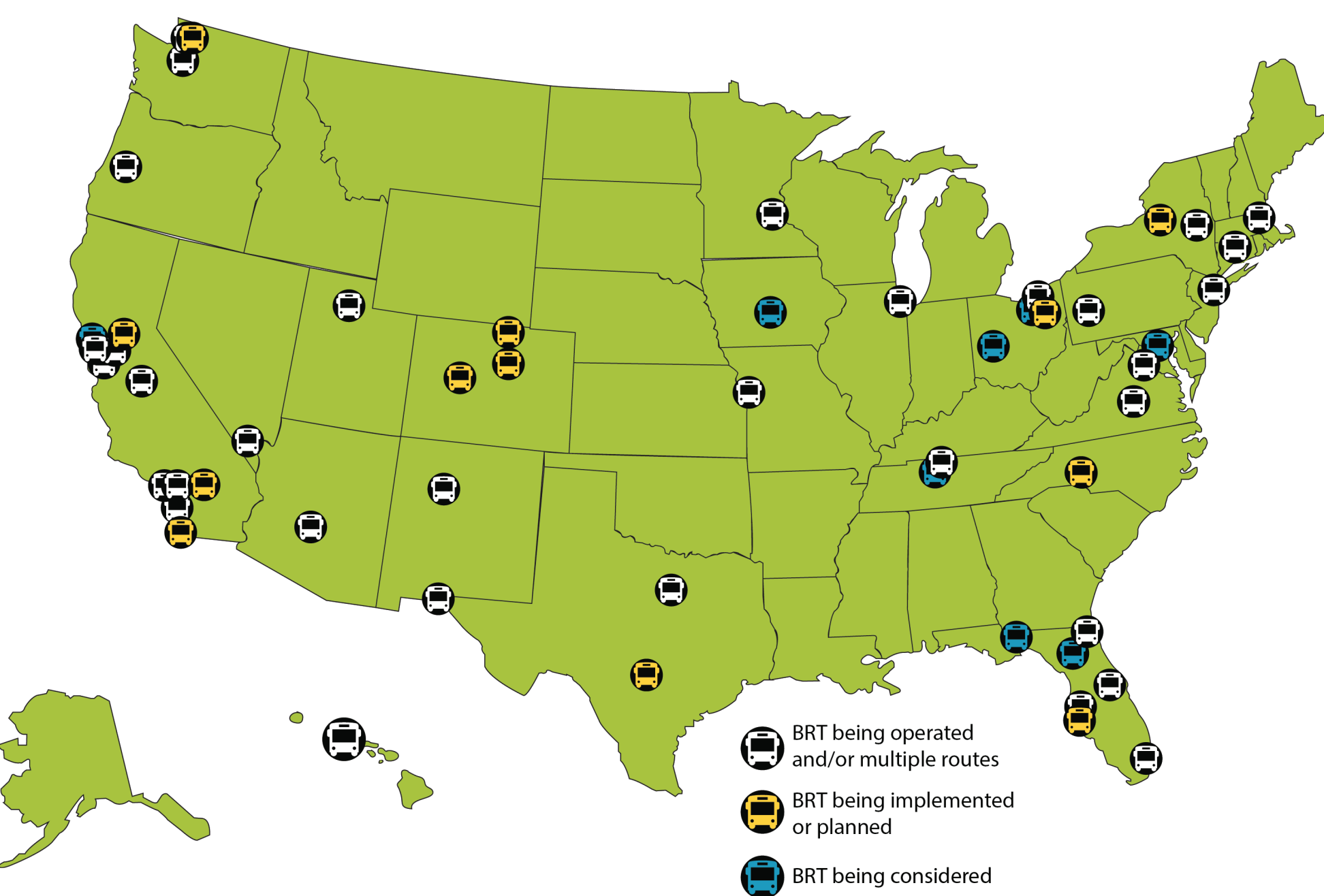
Enhanced Fare Collection System

Off-board fare collection using ticket vending machines, card readers and other tools at stations allows passengers to load without waiting in line to pay their fares.

BENEFITS OF BRT

- Improve Mobility:** Connect people to jobs, education resources, and other opportunities
- Transit-Oriented, Sustainable Development:** Support walkable places that support both housing and commercial destinations
- Reduce Emissions:** Improve air quality by reducing the number of vehicles on the road
- Enhance Equity:** Save money for households who drive less or opt out of car ownership altogether

U.S. CITIES WITH BRT



PRECEDENTS



BRANDED BUS AND STATION WITH REAL-TIME ARRIVAL INFORMATION
CTfastrak, Central Connecticut, CT



DEDICATED BUS WAY
Pulse BRT, Richmond, VA



DEDICATED BUS WAY
EmX, Eugene, OR



MODERN STATION WITH SHELTERS AND LIGHTING
MAX BRT, Kansas City, MO



STATION WITH SHELTERS AND AMENITIES
Orange Line, Los Angeles, CA



IMPROVED STATION AREA STREETScape
Health Line, Cleveland, OH