

WHAT IS BUS RAPID TRANSIT (BRT)?

BRT is a high-capacity bus-based transit system that delivers fast and efficient service that may include dedicated lanes, busways, traffic signal priority, off-board fare collection, elevated platforms and enhanced stations. BRT has several distinguishing features described below.

Dedicated Bus Lanes

BRT buses will have dedicated lanes to prevent traffic delays, even during rush hour. Keeping BRT buses separate from general traffic also reduces the risk of collisions, increasing the safety for all vehicles.



Enhanced Stations

BRT corridors will have specialized stations that provide more services for riders including improvements to ticketing, scheduling, and boarding. The stations will also have raised platforms for easy boarding. This will eliminate any gap between the station and the bus, making BRT more accessible to users.

Frequent on Time Service

With dedicated lanes and less frequent stops, BRT buses can stick closely to their schedules. BRT buses also will have GPS tracking, so stations can display live, accurate updates for bus arrival time. BRT buses will arrive at stations more frequently and service will operate over longer spans of time. As one bus leaves the station, another will not be too far behind.

Weekdays
4AM to 12AM

Weekends
5:30AM to 12AM



Peak Period AM & PM
10 minutes

Other times of day
15 minutes

Traffic Signal Priority

BRT buses can coordinate with traffic signals along their route, receiving a longer green light if running late. This increases efficiency and allows the buses to stay on schedule.



Specialized Vehicles & Unique Branding

The BRT system will have its own larger, custom buses to accommodate more passengers. The buses will also have doors on both sides and lower floors, for easier loading and unloading. They will be uniquely branded to make buses and stations more visible and distinguishable between the BRT and other transit services.

Why do we need Bus Rapid Transit?

The addition of BRT to Raleigh's existing network of public transportation will allow the system to better meet transit demands, take more cars off the road, and get riders where they need to go faster. Because BRT is a bus-based rapid transit solution, it can seamlessly supplement the existing system by expanding the reach and capacity of bus service along strategic corridors.

