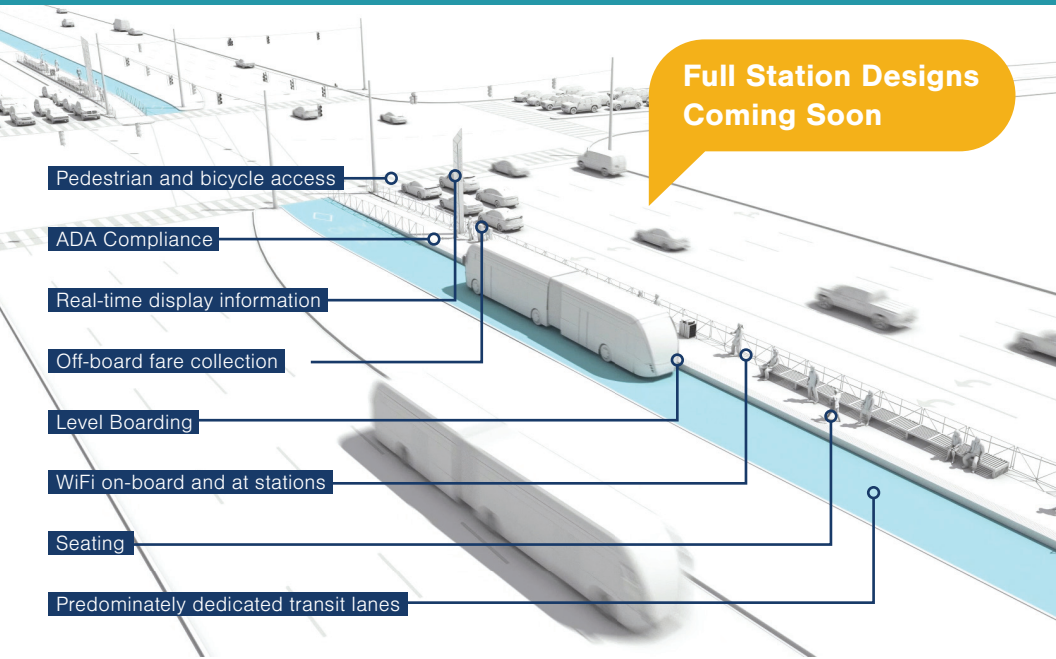


Modern Transportation to Transform Our Region

Lowcountry Rapid Transit is a modern bus rapid transit project that will connect the communities of Charleston, North Charleston and Summerville. More than just a transit system, this project will transform the infrastructure in our region to improve mobility for people on public transportation, in cars, on foot and on bikes, and will be a catalyst for economic growth and prosperity throughout the area.



Bus rapid transit (BRT) is a high-quality transit system that delivers fast, comfortable, and cost-effective services, operating predominately in dedicated lanes throughout key areas of the corridor, keeping cars and the transit system separate. Technology such as off-board payment and stoplight priority allow travel times to be consistent and reliable throughout the corridor. In addition, vehicles will be powered by alternative fuels or electricity, helping to promote sustainability.



LCRT by the Numbers

- 18** Vehicles
- 6,500+** Daily trips
- 15-30 sec.** Time at each station
- 2.5 million** Estimated trips per year on the line

Station area refinement is ongoing.

The Recommended Route

The recommended route travels from Summerville along US 78 to North Charleston, along US 52/ Rivers Avenue, and into downtown Charleston by way of King Street Extension and Meeting Street, and then continues along Calhoun Street into the Medical District, where it will loop and continue back north.

This route resulted in the highest annual ridership, minimizes railroad crossings, offers a competitive cost per rider, connects to the highest number of employment areas and requires lower operating expenses.

Project Timeline

Local Planning 2014-2016		Pre-Project Development
		Transit Alternatives Analysis
Project Programming 2016-2019		Bus Rapid Transit Preferred Alternative Identified
		Informal Scoping & NEPA Checklist
		Identify Funding & Schedule
WE ARE HERE		Project Development
		Complete NEPA Process
Capital Investment Grants Program 2019-2023		Adopt a Locally Preferred Alternative
		Project Design & Engineering
Construction 2023-2026		Construction

Project timeline is estimated under the New Starts Capital Investment Grants program guidelines.

Project Benefits

More than just a transit system, Lowcountry Rapid Transit features...

A Network of Possibilities



- South Carolina's first high capacity mass transit project
- Connections to new and existing businesses, healthcare, recreation and entertainment across the region
- Growth in employment clusters, affordable housing

High Frequency and Improved Mobility



- Improved reliability through predominantly dedicated lanes
- Faster travel times for commuters
- Safer, more comfortable transportation environments with ADA compliance

Advanced Technology



- Traffic signal priority and synchronization
- WiFi on board and at stations, passenger information, security with innovations to support autonomous vehicles
- Updated wayfinding signage and corridor lighting

Environmental Stewardship






- Affordable transportation alternative
- Clean, alternative fuels or electricity
- Sustainability-forward stations that fit within the confines of the community

Connected Communities



- Equitable access to community resources and affordable housing
- Enhanced bicycle and pedestrian accommodations and connections to existing networks
- Strong place-making elements that reflect the culture, character and natural features of existing neighborhoods

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