

Berkeley-Charleston-Dorchester Council of Governments

# LOWCOUNTRY RAPID TRANSIT PROJECT

Modern transportation to transform our region.



# RULES OF ENGAGEMENT

The project team seeks to incorporate a wide range of stakeholders and members of the public in the project process.

1. Please be respectful of other public meeting attendees and their comments and concerns.
2. All questions and comments must be pertinent to the meeting topic at hand.
3. All solicitations by members of the public must be conducted outside of the public meeting space or in the appropriately designated area.

Thank you for your cooperation.

# OPPORTUNITY

to spark a community transformation



## COMMUNITY WORKSHOP

### **Introduction**

What is bus rapid transit?

### **Project Overview**

How did we get here and where are we going?

### **Workshop**

What do we want to celebrate?

### **Open House**

This is an opportunity to ask questions to the project team!



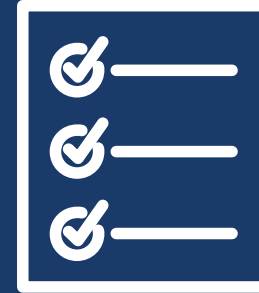
## **POPULATION GROWTH**

3x the national average



## **ROADWAY CONGESTION**

We can't widen our way  
out of traffic problems



## **VOTER DECISION**

Yes! To a ½ cent  
sales tax



**I-26**  
**ALTERNATIVES**  
**ANALYSIS**  
(2014-2016)

- 15-month analysis
- Studied various high-capacity transit modes
- Identified a solution to reduce congestion and improve mobility
- Determined bus rapid transit as the preferred alternative

# BRT 101

Introduction to Bus Rapid Transit





**L C** | **Lowcountry**  
**R T** | **Rapid Transit**

A modern, transit system that operates like conventional rail in dedicated, separated lanes and with the added flexibility to work in mixed traffic.

**BUS**



3K – 6K

**BUS RAPID TRANSIT**



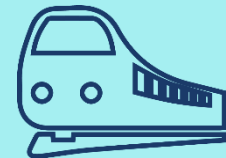
7K – 30K

**LIGHT RAIL**



15K – 30K

**METRO**



35K – 70K

## **BENEFITS TO THE COMMUNITY**



Improve mobility



Increase connectivity



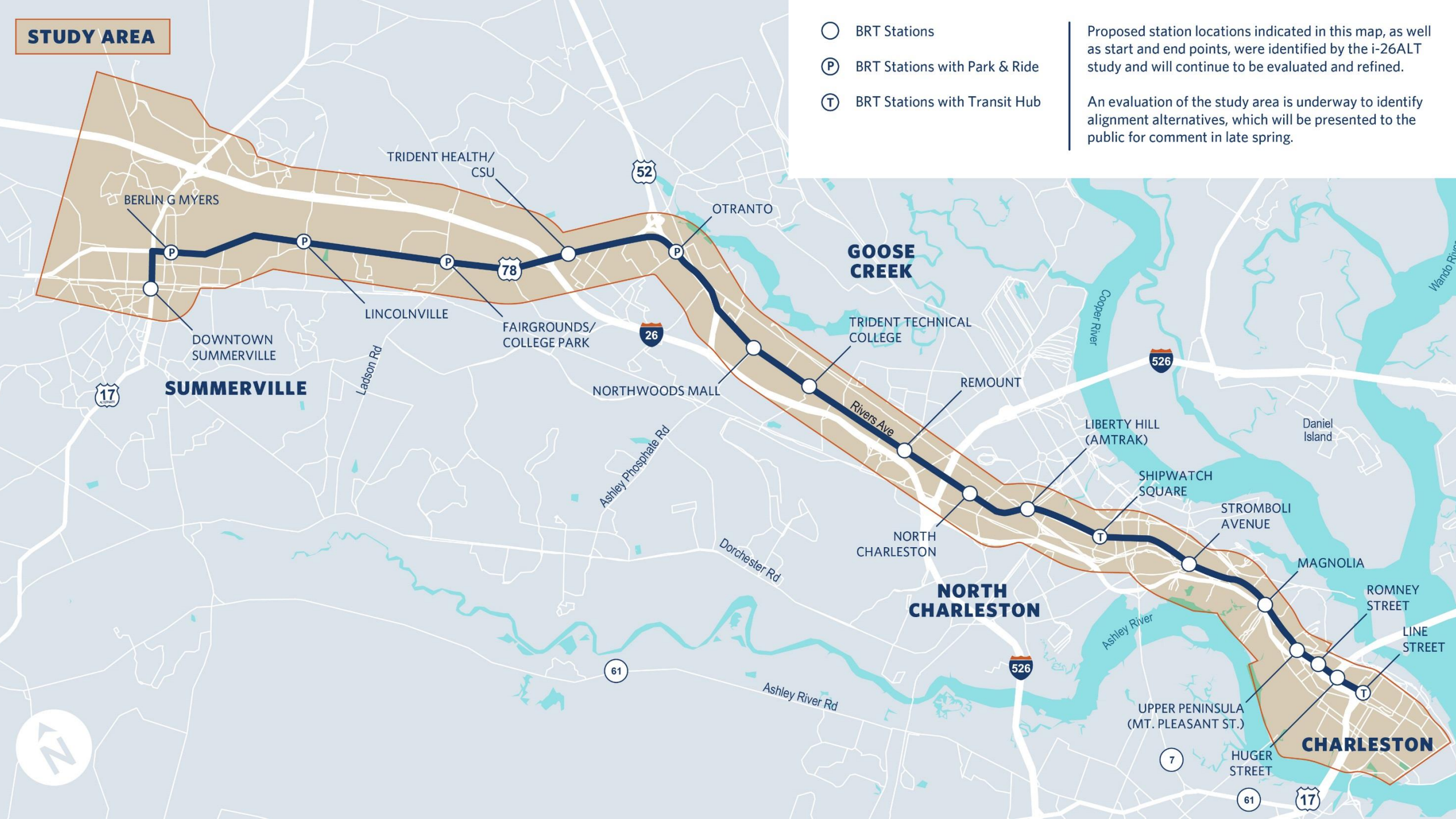
Support future development

# STUDY AREA

- BRT Stations
- Ⓟ BRT Stations with Park & Ride
- Ⓣ BRT Stations with Transit Hub

Proposed station locations indicated in this map, as well as start and end points, were identified by the i-26ALT study and will continue to be evaluated and refined.

An evaluation of the study area is underway to identify alignment alternatives, which will be presented to the public for comment in late spring.





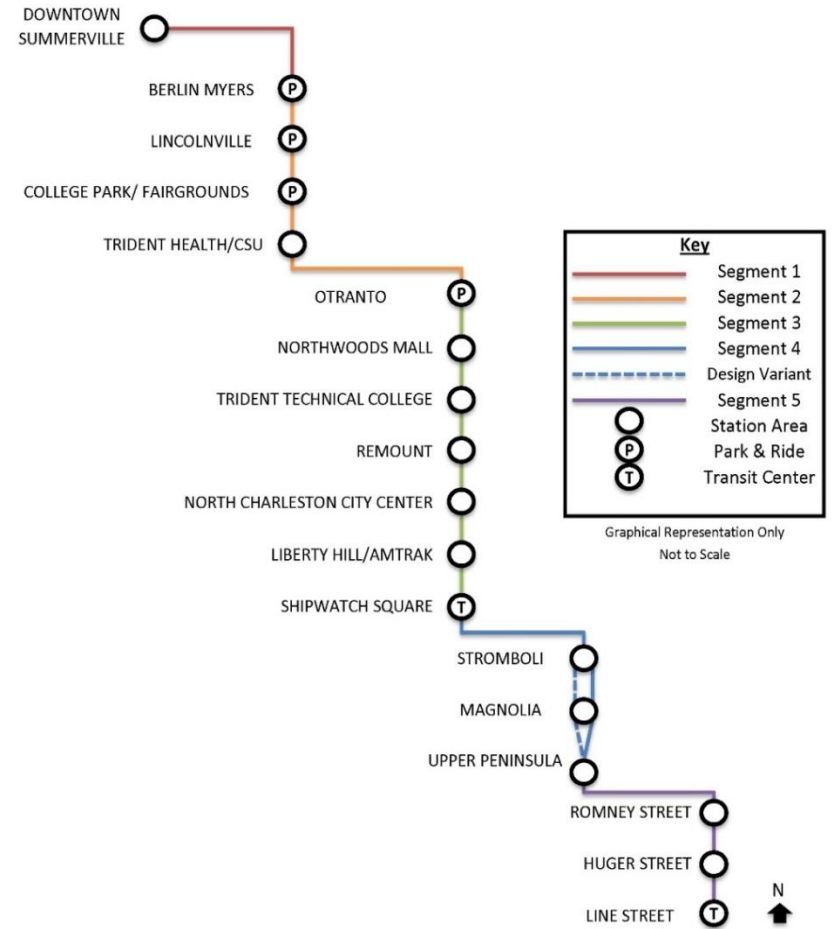
# SERVICE & OPERATIONS

Frequent service

Major corridors

More direct than local service

Anchored by major activity centers or park-and-rides





**FEATURES AND  
PROJECTED  
USAGE**

**18**  
stations



**23.1**  
mile corridor



**16**  
vehicles



**6,874**  
daily trips



**60-minute**  
one-way  
travel

**2 million**  
annual trips  
per year

**6.5 million**  
annual regional  
transit trips

**3,772**  
“new” mass transit trips per day

**8,449**  
riders on the line in 2040

# BRT 101

Common Questions







## **FUNDING**

- \$250 million allocated from Charleston County half-cent sales tax funds
- The project will pursue federal funds under FTA Capital Improvement Grants (New Starts/Small Starts programs)



## **TIMELINE**

- Local Planning: 2014-2016
- Project Programming: Underway
- FTA: Capital Investment Grant Program
  - NEPA & Project Development: 2019-2020
  - Engineering: 2021-2023
  - Construction: 2023-2025
- Anticipated project completion: 2025

**LC** | **Lowcountry**  
**RT** | **Rapid Transit**



**BRANDING &  
CORRIDOR  
AESTHETICS**



**Station Platforms**

**Fences & Railings**

**Materials**

**Lighting**

**CORRIDOR  
ELEMENTS**

**Walkways**

**Signs**

**Landscape**

**Color**

# L C | Lowcountry R T | Rapid Transit



**Consistency  
of Color &  
Design**

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**Cohesiveness  
of Experience**

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**Compatibility  
of Landscape  
& Hardscape**

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**Importance of  
Complementary  
Materials**

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What makes this region unique and how do we want to celebrate that?

**1**

**IDENTIFY A GROUP  
“REPORTER”**

**2**

**WRITE DOWN UP TO 3  
WORDS OR PHRASES FOR  
EACH:**

- What do you celebrate about our culture and history?
- What do you love most about living here today?
- What do you want to see this community celebrate in the future?

**3**

**CONSOLIDATE INTO  
TOP 3 WORDS**

## NOW

We'll provide your input to the architecture and design teams.

## ONGOING

Designers will be busy incorporating your feedback into the conceptual design and branding process.

## LATE SPRING 2019

We'll have another public meeting to continue this process.



## **CONNECT**

[www.lowcountryrapidtransit.com](http://www.lowcountryrapidtransit.com)

[info@lowcountryrapidtransit.com](mailto:info@lowcountryrapidtransit.com)

Sharon Hollis  
*BCDCOG Project Manager*



*@LowcountryRapidTransit*