

Wake Bus Rapid Transit: Southern Corridor



What is Bus Rapid Transit (BRT)?

Wake Bus Rapid Transit (BRT) is coming to our region! Planning is underway for fast, reliable, frequent service along four key corridors.

BRT is a high-capacity transit system that delivers fast and efficient bus service. The Wake BRT corridors may include dedicated lanes, busways and traffic signal priority. It also may include off-board fare collection, elevated platforms and enhanced stations.

Wake BRT: Southern Corridor

The Wake BRT: Southern Corridor will be approximately 5 miles of BRT service, with portions of the route anticipated to be dedicated bus lanes. The project will also include enhanced stations and transit signal priority at traffic lights, allowing buses to stay on schedule.

Corridor Updates

In order to identify a preferred route for this corridor, the selection process was divided into two sections - north and south. There were two potential routes in the northern section - South Wilmington Street or South Saunders St.

Based on previous planning efforts and public input received, South Wilmington Street was identified as the preferred northern route option. This routing was endorsed by the City of Raleigh Council in October 2020.

As a result, there are two route options for southern section of the corridor - South Wilmington Street Extension and Fayetteville Road. Further analysis and coordination is underway to identify the preferred route for the southern section. A decision is anticipated early 2021.

Quick Facts

BRT Route:

The Wake BRT: Southern Corridor connects Downtown Raleigh with North South Station and Purser Drive in Garner.

Current Project Phase:

Planning

Timeline

2021

Finalize Locally Preferred Alternative

Finalize station locations

Develop station footprints

Refine BRT runningway designs

Refine cost estimates

2023

Complete final design

2024 - 2025

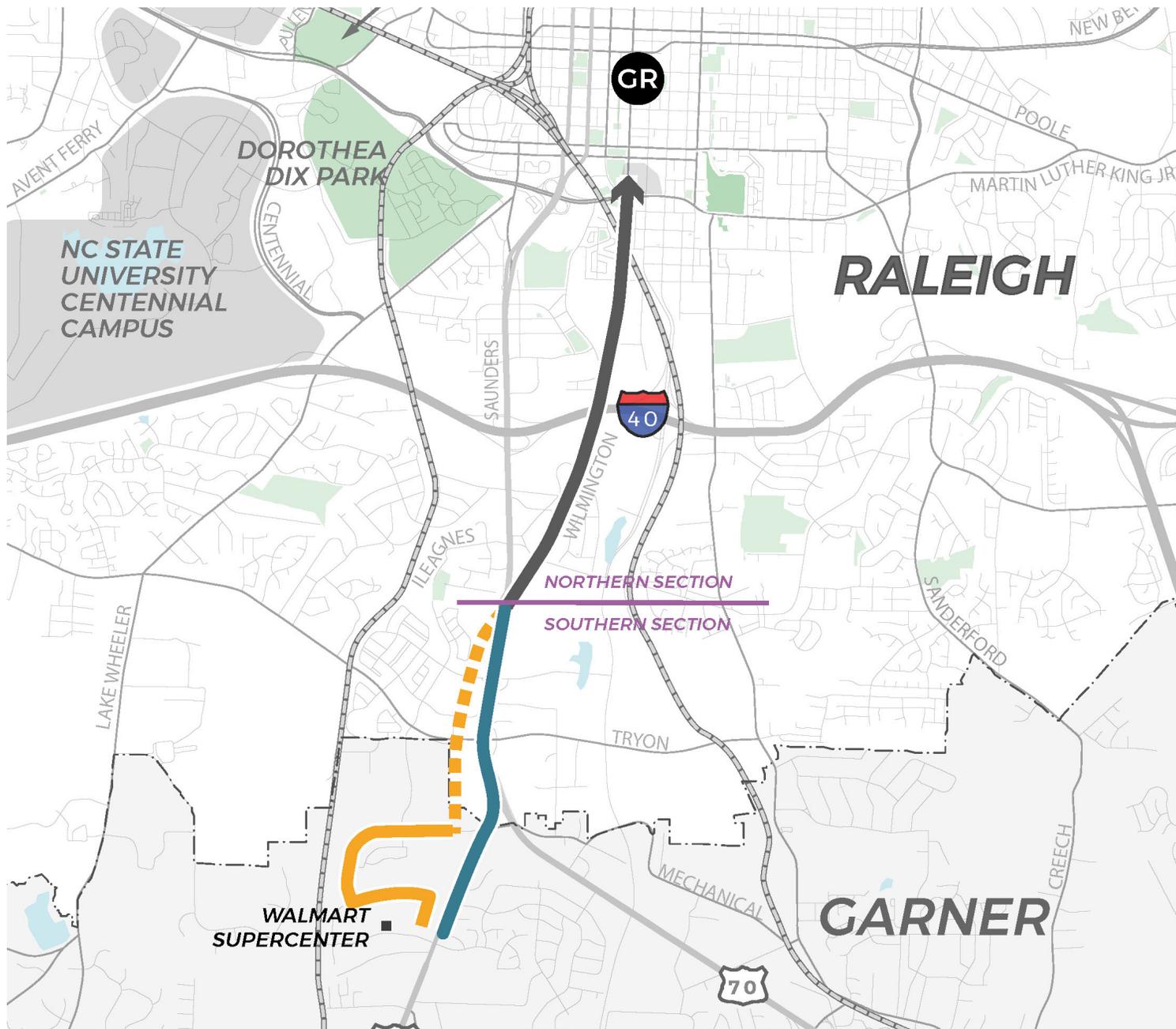
Begin construction

2027

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Corridor Updates (cont.)

Once the route selection is complete, the Wake BRT: Southern Corridor project will proceed the preliminary design phase (0 - 30%). In this phase, the project team will:

- confirm station locations and key destinations
- develop runningway designs
- analyze bicycle and pedestrian accommodations
- plan connections to the BRT
- analyze transit user's safety improvements

The preliminary design phase of the project is expected to take 14 months. By December 2021, the project team will finalize station locations, develop the station footprints, and refine the BRT runningway design. The team will complete final design by the end of 2023. Construction is expected to begin between 2024-2025 with anticipated BRT service for the Southern Corridor beginning in 2027. It should be noted that the construction and BRT service phases are contingent on federal funding approval.

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