

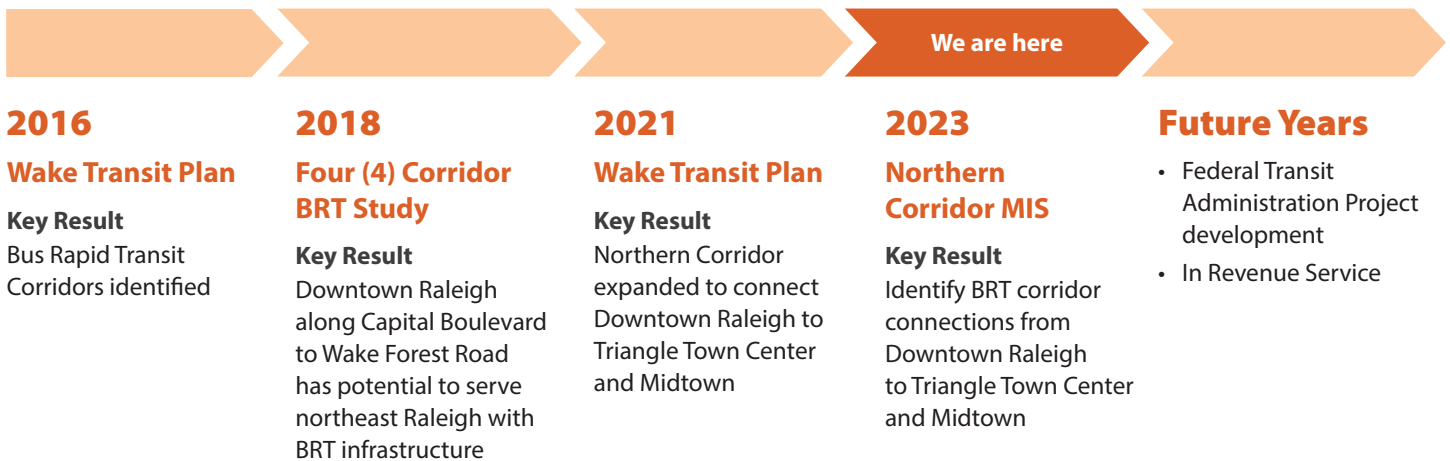
WAKE BRT: NORTHERN CORRIDOR

What is the Northern Corridor MIS?

North Raleigh has experienced significant growth over the past several years. What is certain is that the population and employment growth in the area will bring more daily activity and traffic. To prepare and foster that growth, the City of Raleigh plans to implement two BRT routes or BRT-type services to provide a fast, reliable transit option for the growing area. The Northern Corridor MIS will analyze alternatives and high-capacity transit investments to connect Downtown Raleigh to Triangle Town Center and Midtown.



Northern Corridor MIS Timeline

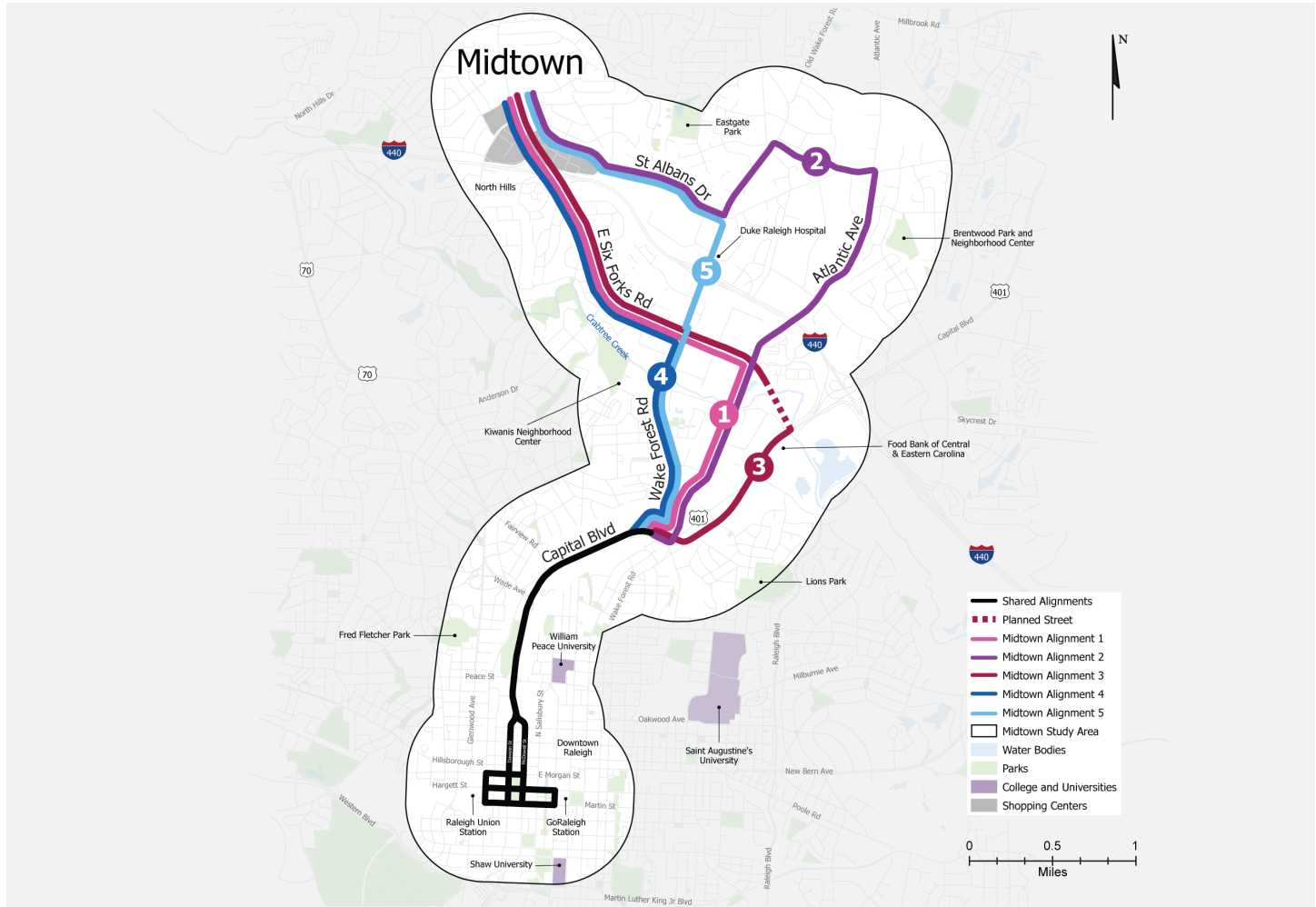


Northern Corridor MIS Evaluation Process



MIDTOWN STUDY AREA

Multiple route options exist for connecting transit service between Downtown Raleigh and Midtown Raleigh. Below you will find a map of the Midtown Study Area along with highlights of destinations and other features along each key roadway segment.



4 5
Wake Forest Road
Destinations:

- Midtown East Shopping Plaza
- Duke Raleigh Hospital
- Eastgate Shopping Center
- Crabtree Creek Trail

Other Features:

- Service on Route 2.
- Buses every 30 minutes, both directions.
- Serves high-density residential and employment areas.
- Access to some bike infrastructure between Six Forks Rd. and Capital Blvd.

1 2
Atlantic Avenue
Destinations:

- Crabtree Creek Trail
- Raleigh Ironworks Area
- WakeMed Operations Center

Other Features:

- Service on Route 5.
- Buses every 30 minutes, both directions.
- Access to bike infrastructure north of Capital Blvd.

2
New Hope Church Road
Destinations:

- Eastgate Shopping Center

Other Features:

- Service on Route 24L.
- Buses hourly on a one-way loop.
- One (1) at-grade railroad crossing.
- Access to some bike infrastructure from North Hills to New Hope Church Rd. and from St Albans Dr. towards Capital Blvd.

1 3 4
Six Forks Road
Destinations:

- Midtown East Shopping Plaza

Other Features:

- Service on Route 24L, every hour on a one-way loop.
- Access to bike infrastructure from North Hills to Computer Dr and Crabtree Creek Trail.
- Serves moderate current & future population and employment concentrations.

3
Capital Boulevard
Destinations:

- Crabtree Creek Trail
- Greyhound Bus Station
- Social Service Agencies

Other Features:

- Service on Route 1, GoRaleigh's highest ridership bus route.
- Buses every 15 minutes during peak hours.
- A new road would be required to connect Capital Blvd. on Alignment 3.

2 5
St Albans Drive
Destinations:

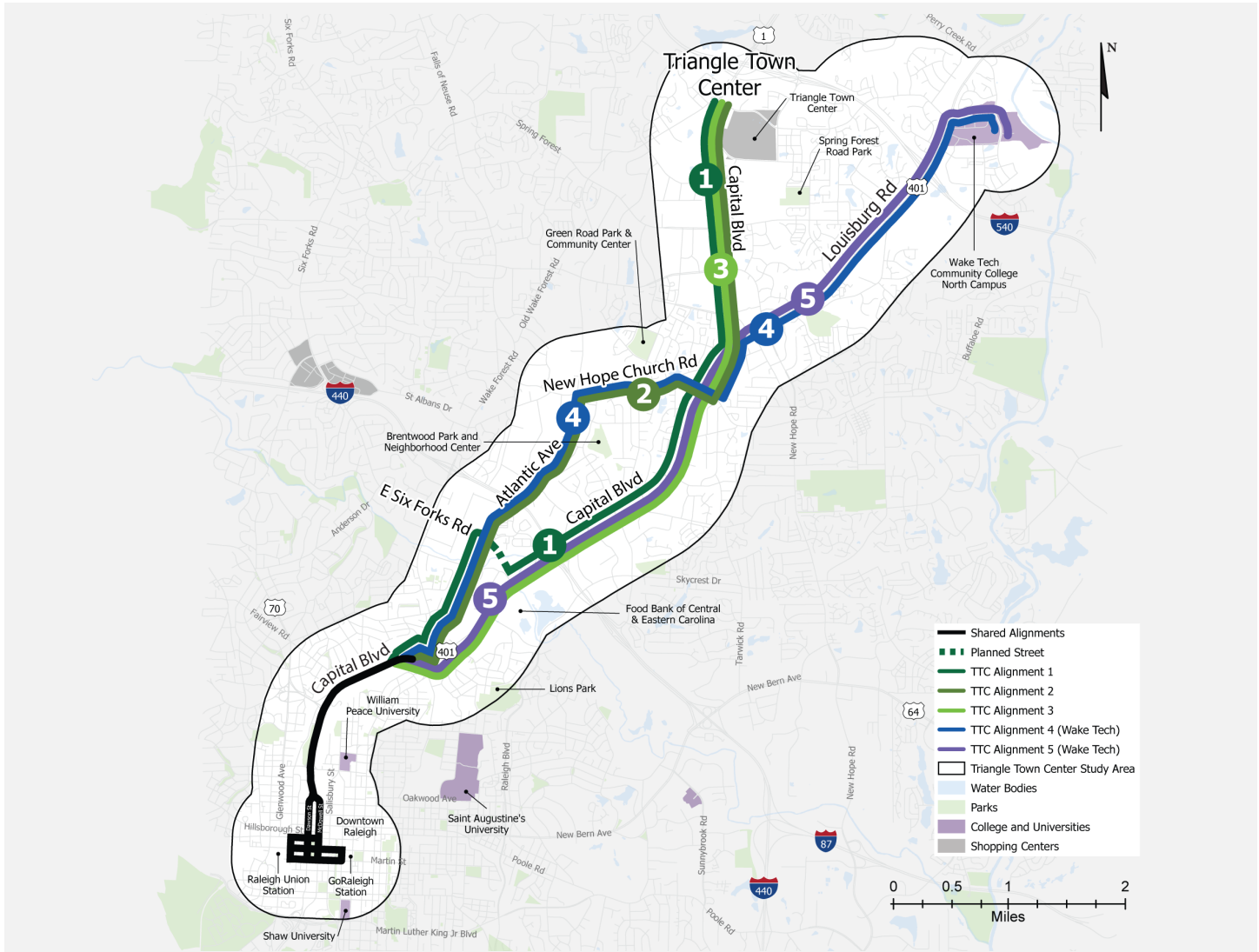
- North Hills area eastern development expansion

Other Features:

- Service on Route 24L.
- Buses hourly on a one-way loop.

TRIANGLE TOWN CENTER STUDY AREA

Multiple route options exist for connecting transit service between Downtown Raleigh and Triangle Town Center. Below you will find a map of the Triangle Town Center Study Area along with highlights of destinations and other features along each key roadway segment.



1 2 4

Atlantic Avenue

Destinations:

- Crabtree Creek Trail
- Raleigh Ironworks Area
- WakeMed Operations Center

Other Features:

- No bus service.
- Access to bike infrastructure north of Capital Blvd.
- A new road would be required to connect Capital Blvd. on Alignment 1.

2 4

New Hope Church Road

Destinations:

- Brentwood Park and Neighborhood Center
- Brentwood Square
- Tarrymore Square

Other Features:

- Partial service on Route 24L on an hourly loop.
- Access to intermittent bike infrastructure from North Hills to New Hope Church Rd and from St Albans Dr towards Capital Blvd.
- One (1) at-grade railroad crossing.

1 2 3 5

Capital Boulevard

Destinations:

- Crabtree Creek Trail
- Employment Security Commission
- Starmount Shopping Center
- Mini City
- Capital Crossing Shopping Center
- Triangle Town Center

Other Features:

- Service on Route 1, GoRaleigh highest ridership.
- Buses every 15 minutes at peak service, both directions.
- Key commercial and travel corridor for the region.
- Features many commercial places of interest.
- A new road would be required to connect Capital Blvd. on Alignment 1.

4 5

Louisburg Road

Destinations:

- Wake Tech College - North Campus

Other Features:

- No bus service.
- Low population and employment densities.

WAKE BRT: NORTHERN CORRIDOR

Initial Evaluation Categories

The series of categories identified below were utilized to guide the initial screening and technical analysis.



Transit Oriented Development (TOD) Potential

TOD potential based on the City's Urban Form Map and land availability for TOD development



Environmental Considerations

Avoid/minimize impacts to historic properties and parks
Reach transit dependent and environmental justice populations



Multimodal Connectivity

Connections to existing and planned multimodal facilities



Traffic Operations

Traffic congestion and bus reliability



Ridership Potential

Ridership generators
Existing transit route and system ridership



Service Reliability

Railroad crossings impacting bus speed



Population & Employment

Existing and future population and employment



Transit Connectivity

Integration with existing transit service



Rendering of BRT station and dedicated lane.

How can I get involved and provide feedback?

In Fall 2023, the project team will host three public open houses to present the work done to date for the Northern Corridor MIS. We invite you to participate in the online survey, which will be live November 13 to December 15, and provide feedback on your mobility needs within the study area. In Spring/Summer 2024, we'll refine the alignment alternatives and present detailed screening results to the community.

- ▶ To learn more about the Northern Corridor Major Investment Study, view Open House dates and locations, and to take part in the online survey, please visit the Project Connect Site at raleigh.gov/brt.