

100X RALEIGH-RTC-DURHAM (FY25-26)

DURHAM-RALEIGH

Project Type: Alignment Change, Span and Frequency Improvements

Project overview: This project improves the span and frequency of Route 100, converts the route to a limited stop service, and extends the route to Durham along the alignment of the existing 700. It removes the weekday evening and weekend deviation to RDU Airport which will instead be served by expanded hours of the RDU Shuttle. The frequency improvements will occur in two phases, eventually operating with 15-minute headways all day on weekdays. Phase 1 (FY25) includes an alignment change and improves the frequency to 15 minutes during the peak and 30 minutes in early evenings and on Sundays. Phase 2 (FY26) includes 15-minute service during midday.

Major destinations: Downtown Raleigh, North Carolina State University, Carter Finley Park and Ride, PNC Arena, Regional Transit Center (RTC), Downtown Durham

Related capital investments:

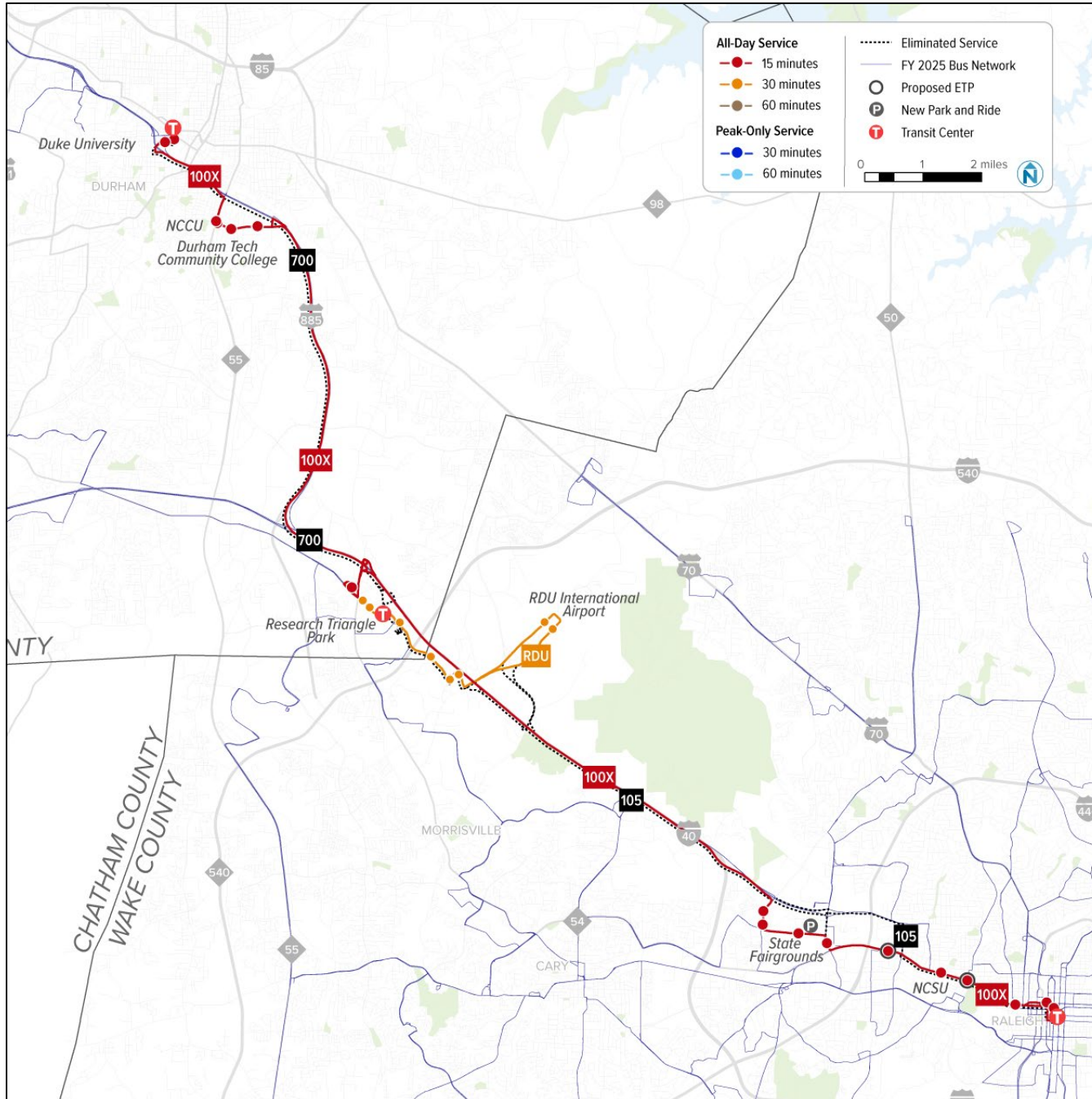
- Hillsborough & Meredith College Enhanced Transfer Point
- Hillsborough & Brooks Ave Enhanced Transfer Point

Related service changes:

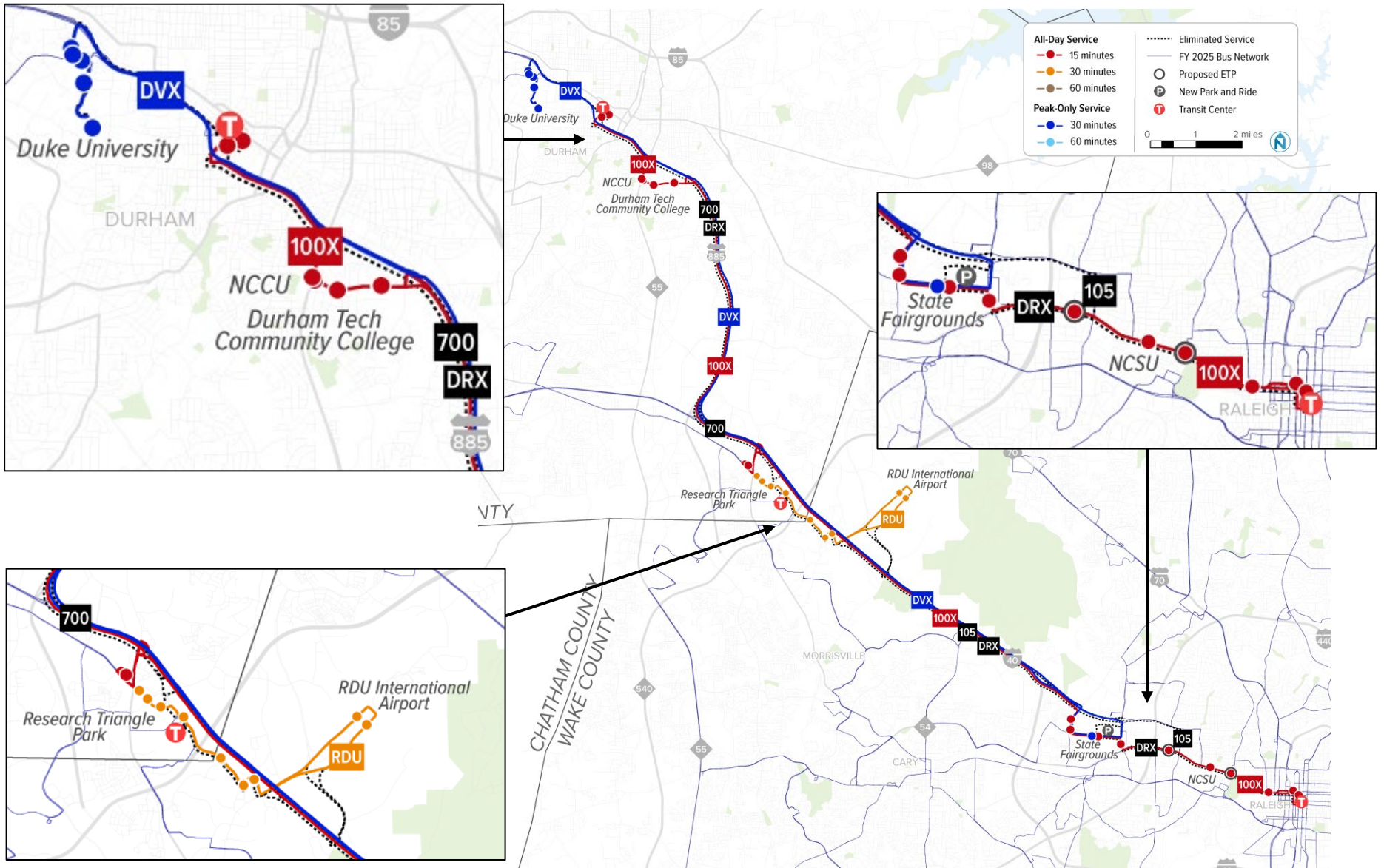
- DVX Duke-VA Express
- RDU Shuttle
- Discontinuation of 105 Raleigh-RTC
- Discontinuation of 700 Durham-RTC
- Discontinuation of DRX

	Existing	Proposed Phase 1	Proposed Phase 2
	100 Raleigh-RDU-RTC	100X Raleigh-RTC-Durham	100X Raleigh-RTC-Durham
Span of Service			
Weekday	6 AM – 11 PM	6 AM – 12 AM	6 AM – 12 AM
Saturday	7 AM – 11 PM	6 AM – 12 AM	6 AM – 12 AM
Sunday	7 AM – 9:15 PM	7 AM – 10 PM	7 AM – 10 PM
Frequency			
Weekday			
AM Peak	30	15	15
Midday	30	30	15
PM Peak	30	15	15
Early Evening	60	30	30
Late Evening	60	60	60
Saturday			
Daytime	30	30	30
Evening	60	60	60
Sunday			
Daytime	60	30	30
Evening	60	60	60

Short Range Transit Plan GoTriangle



DURHAM-RALEIGH PACKAGE



RDU AIRPORT SHUTTLE (FY25)

DURHAM-RALEIGH

Project Type: Span Improvements

Project overview: This project improves the span and days of operation of the RDU Airport Shuttle to operate during the hours the airport was previously served by the Route 100. The proposed spans match those of the proposed Route 100X such that 30 minute-service to RDU Airport is provided at all times the 100X is in operation, with timed connections to the 100X and other GoTriangle routes at the Regional Transit Center.

Major destinations: Regional Transit Center (RTC), RDU Airport

Related capital investments: Wayfinding investments

Related service investments:

- DVX Durham-Raleigh Express
- RDU Shuttle
- Elimination of 105 Raleigh-RTC
- Elimination of 700 Durham-RTC

	Existing	Proposed
	RDU Airport Shuttle	RDU Airport Shuttle
Span of Service		
Weekday	6:30 AM – 6:30 PM	6 AM – 12 AM
Saturday	5:45 AM – 11:30 PM	6 AM – 12 AM
Sunday	-	7 AM – 10 PM
Frequency		
Weekday		
AM Peak	30	30
Midday	30	30
PM Peak	30	30
Evening	-	30
Saturday		
Daytime	30	30
Evening	30	30
Sunday		
Daytime	-	30
Evening	-	30

DVX DUKE-VA EXPRESS (FY25-26)

DURHAM-RALEIGH

Project Type: Alignment Change, Span and Frequency Improvements

Project overview: This is a new express route connecting Carter-Finley Park and Ride with Duke and VA Medical Centers and Duke University with service every 30 minutes from 6 AM-10 AM in the mornings and 3PM – 8PM in the evenings. Trips to or from NCSU and Downtown Raleigh would be served by the expanded Route 100X Raleigh-RTC-Durham. The express route would not stop at Durham Station. This route replaces the current Route DRX Durham-Raleigh Express with expanded span and frequency. The AM peak hours are extended by an hour to 10 AM, and evening frequency is increased to 30 minutes. The project will be implemented in two phases, with the alignment change and AM span improvement in Phase 1 (FY25), and the frequency improvement in Phase 2 (FY26). Midday connections are possible for riders on this route by taking route 400 to and transferring to route 100X at Durham Station. This provides additional midday service connections that are not available now.

Major destinations: Carter Finley Park and Ride, PNC Arena, Duke University, Duke Hospital, VA Hospital

Related capital investments: None

Related service investments:

- 100X Raleigh- RTC-Durham
- RDU Shuttle
- Discontinuation of 105 Raleigh-RTC
- Discontinuation of 700 Durham-RTC
- Discontinuation of DRX

	Existing	Proposed Phase 1	Proposed Phase 2
	DRX Durham-Raleigh Express	DVX Duke-VA Express	DVX Duke-VA Express
Span of Service			
Weekday	6 AM – 9 AM 3 PM – 8 PM	6 AM – 10 AM 3 PM – 8 PM	6 AM – 10 AM 3PM – 8 PM
Saturday	-	-	-
Sunday	-	-	-
Frequency			
Weekday			
AM Peak	30	30	30
Midday	-	-	-
PM Peak	30	30	30
Early Evening	60	60	30

Short Range Transit Plan GoTriangle

