

Appendix C

Commuter Bus Service Details

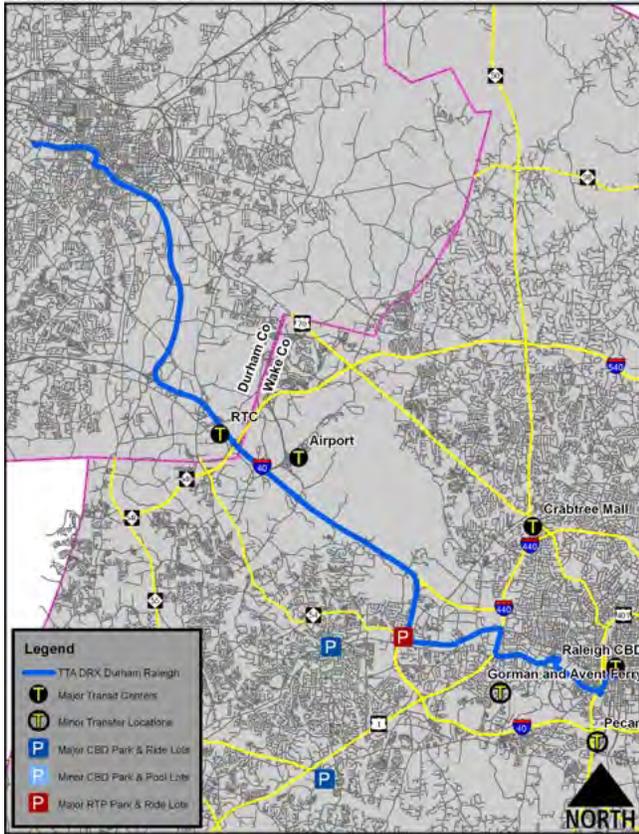
The following pages show expanded commuter bus service as outlined in the Wake County Transit Plan

The bus routes include connections to every municipality in Wake County and strengthen connections to major employment areas.

The goals of the service are to provide valuable connections and provide a competitive product.

This appendix includes:

- Route Maps
- Annual Operating Cost
- Travel Time
- Hours of Service
- Bus Frequency
- Related Capital Items
- Major Employment Centers/Attractions/Services Reached



Downtown Raleigh to Durham

Providing Commuter Service along Interstate 40 from Durham to Downtown Raleigh

One-Way Route Length / Travel Time

30.0 miles / 55 Minutes

Annual Operating Cost / Hours of Service

\$900,000 / 9,000 Hours

Bus Frequency

	Weekday	Saturday	Sunday
Peak (6-9 AM; 3-6 PM)	30 Min		
Off-Peak (midday)	120 Min		

Span of Service

	Weekday	Saturday	Sunday
Operating Hours	6:00 AM-8:00 PM		
Service Hours	14 Hrs		

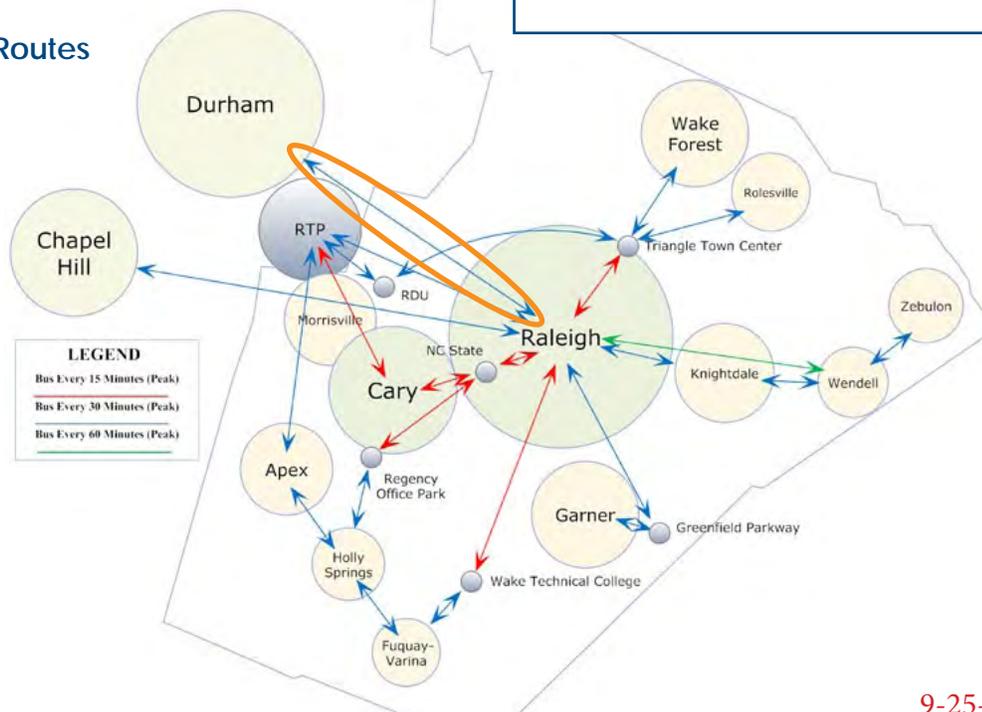
Related Capital Items

Transit Centers:	Park-and-Ride Lots
<ul style="list-style-type: none"> NC State Moore Square 	<ul style="list-style-type: none"> Hillsborough and I-440
Required Buses: 5	

Major Generators/Attractions

- City of Durham**
 - Downtown Durham
- City of Raleigh**
 - NC State
 - Downtown Raleigh

Linkages to Other Routes



Downtown Raleigh to Chapel Hill

Providing Commuter Service along Interstate 40 from Chapel Hill to Downtown Raleigh

One-Way Route Length / Travel Time

31.8 miles / 68 Minutes

Annual Operating Cost / Hours of Service

\$893,000 / 9,020 Hours

Bus Frequency

	Weekday	Saturday	Sunday
Peak (6-9 AM; 3-6 PM)	30 Min		
Off-Peak (midday)	120 Min		

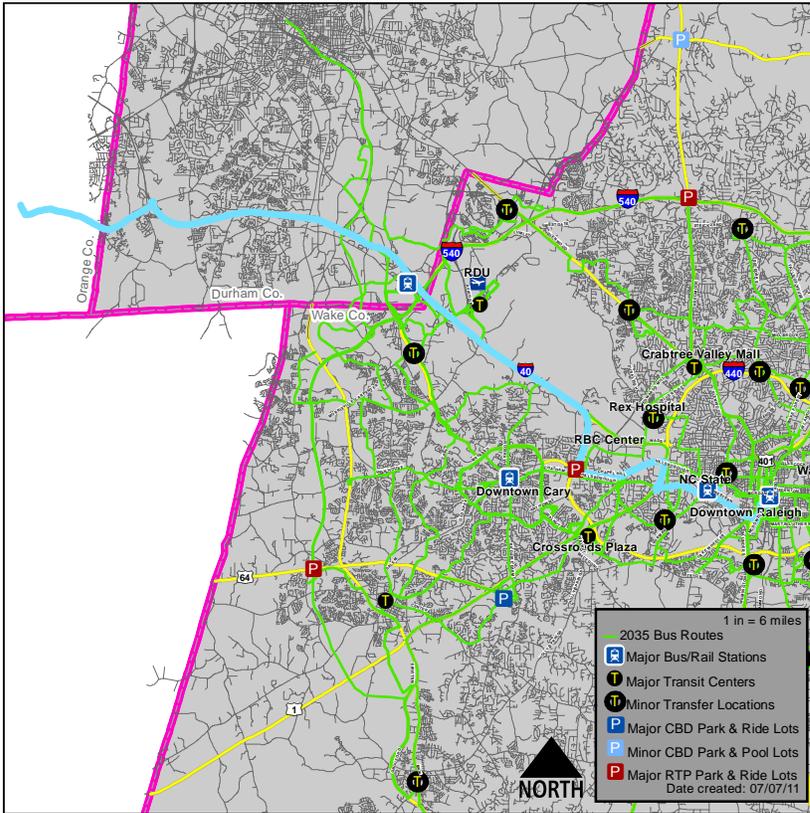
Span of Service

	Weekday	Saturday	Sunday
Operating Hours	6:00 AM-8:00 PM		
Service Hours	14 Hrs		

Related Capital Items

Transit Centers:	Park-and-Ride Lots:
<ul style="list-style-type: none"> NC State Moore Square 	<ul style="list-style-type: none"> Hillsborough and I-440

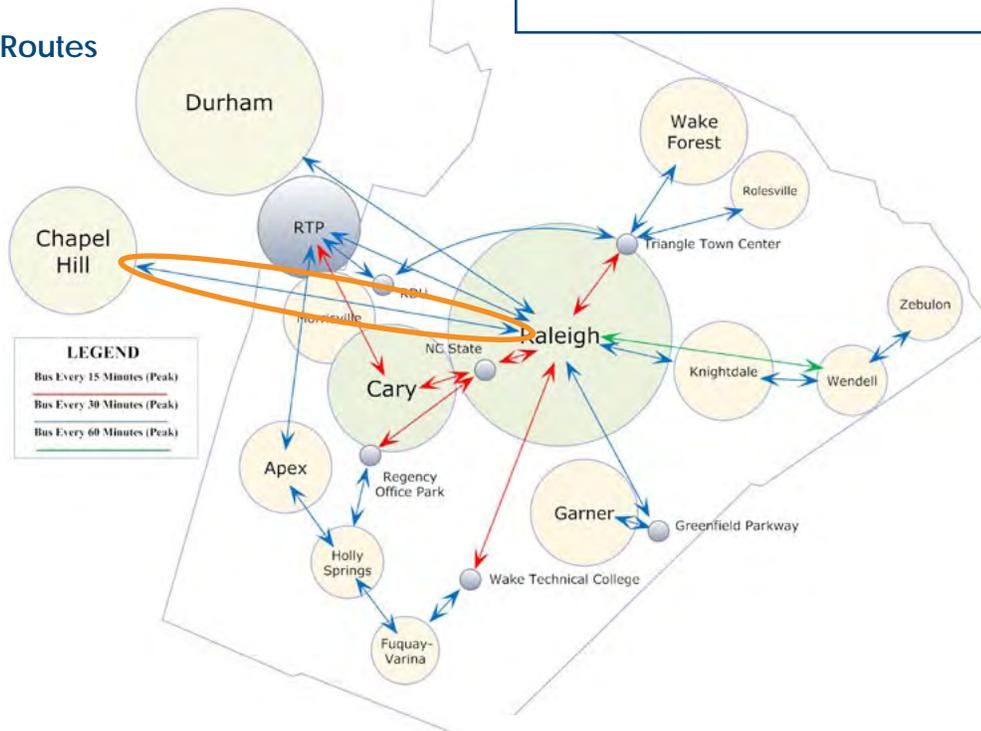
Required Buses: 5

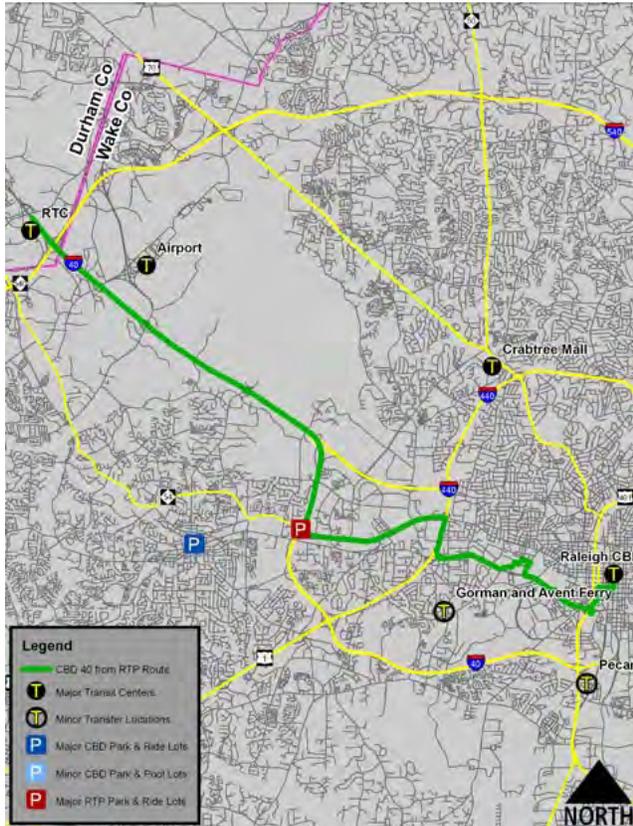


Major Generators/Attractions

- Town of Chapel Hill**
 - Downtown Chapel Hill
- City of Raleigh**
 - NC State
 - Downtown Raleigh

Linkages to Other Routes





Downtown Raleigh to the Research Triangle Park

Providing Commuter Service along Interstate 40 from the Research Triangle Park to Downtown Raleigh

One-Way Route Length / Travel Time

17.5 miles / 40 Minutes

Annual Operating Cost / Hours of Service

\$375,000 / 3,750 Hours

Bus Frequency

Weekday Saturday Sunday

Peak (6-9 AM; 3-6 PM) 30 Min

Off-Peak (midday)

Span of Service

Weekday Saturday Sunday

Operating Hours 6:00 AM-9:00 AM
3:00 PM -6:00 PM

Service Hours 6 Hrs

Major Generators/Attractions

City of Raleigh

- Downtown Raleigh
- NC State

Durham County

- RTP

Related Capital Items

Transit Centers:

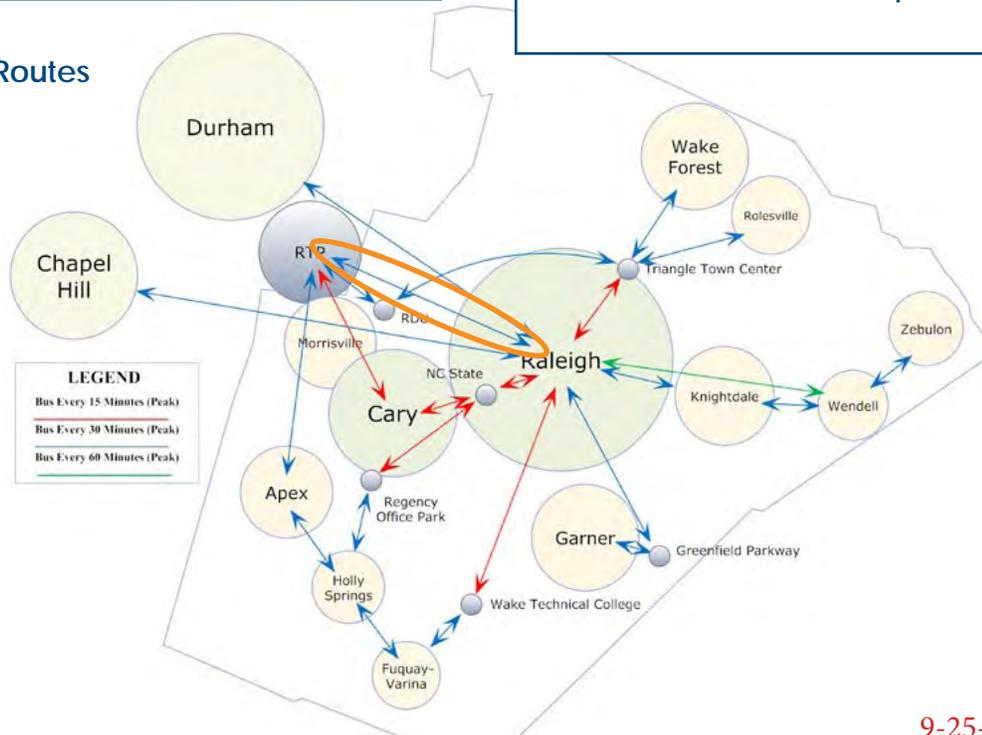
- NC State
- Moore Square
- RTP

Park-and-Ride Lots:

- Hillsborough and I-440

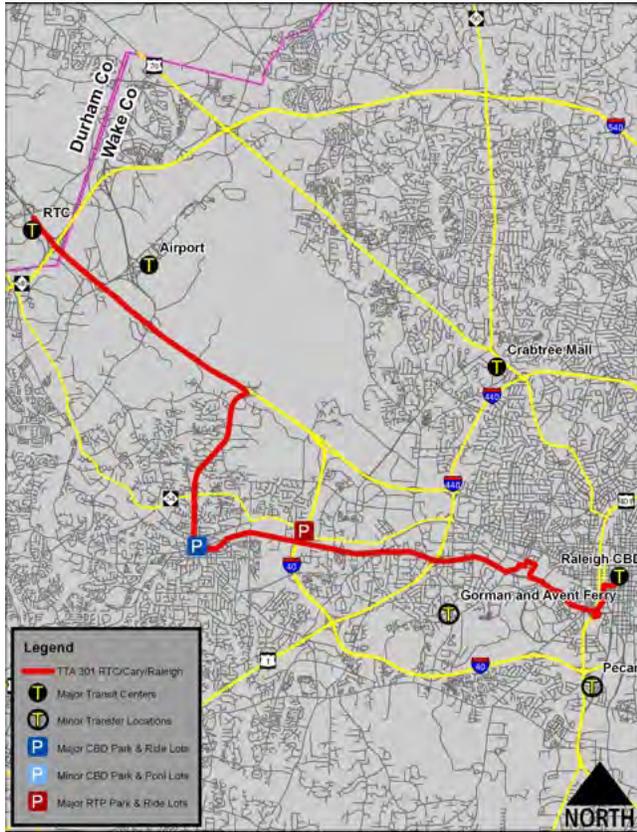
Required Buses: 3

Linkages to Other Routes



Raleigh / Cary to the Research Triangle Park

Providing Commuter Service from the Research Triangle Park to Downtown Cary and Downtown Raleigh



One-Way Route Length / Travel Time

19.22 miles / 65 Minutes

Annual Operating Cost / Hours of Service

\$2,071,000 / 20,760 Hours

Bus Frequency

	Weekday	Saturday	Sunday
Peak (6-9 AM; 3-6 PM)	15 Min	60 Min	60 Min
Off-Peak (midday)	60 Min	60 Min	60 Min

Span of Service

	Weekday	Saturday	Sunday
Operating Hours	6:00 AM-8:00 PM		
Service Hours	14 Hrs		

Related Capital Items

Transit Centers:

- NC State
- Moore Square
- Cary Station
- RTP

Park-and-Ride Lots:

- Hillsborough and I-440

Required Buses: 10

Major Generators/Attractions

City of Raleigh

- Downtown Raleigh
- NC State

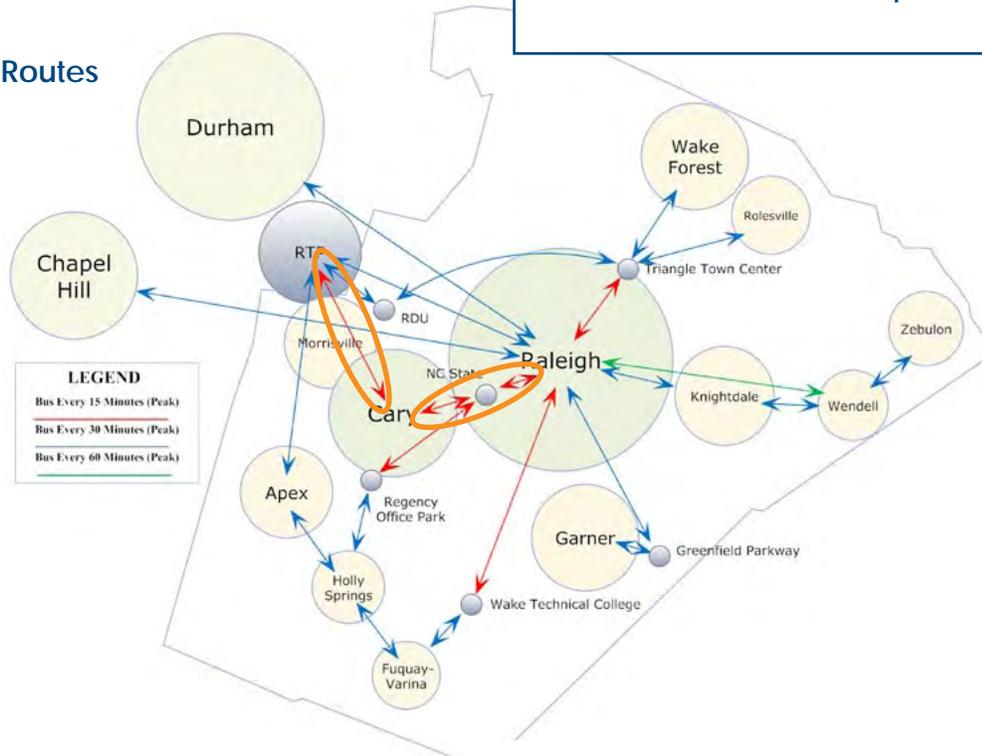
Town of Cary

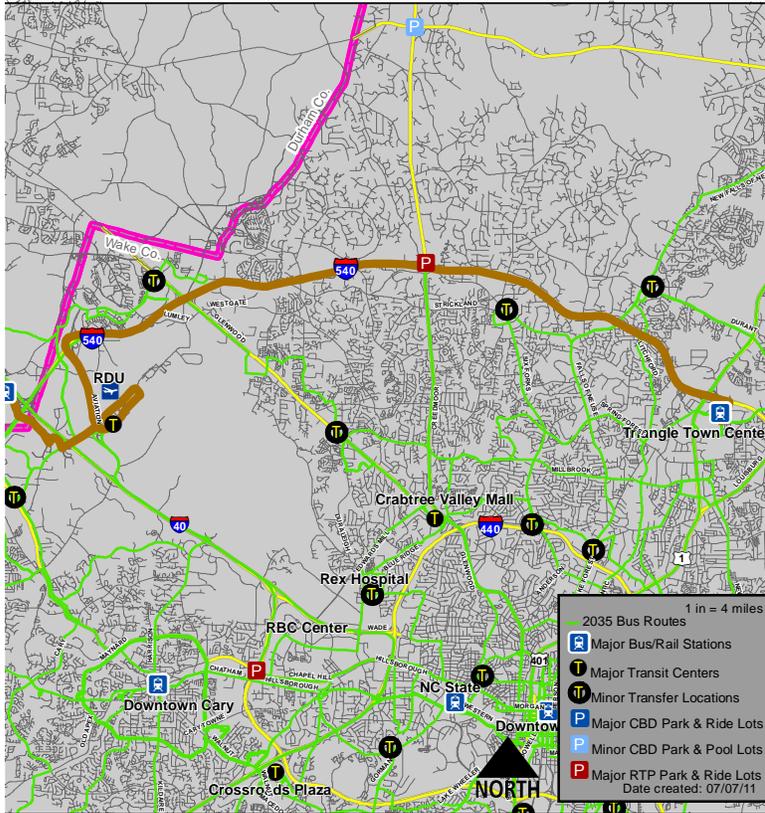
- Downtown Cary

Wake County

- RDU Airport

Linkages to Other Routes





Triangle Town Center to the Research Triangle Park

Providing Commuter Service along I-540 from Triangle Town Center to the Research Triangle Park

One-Way Route Length / Travel Time

31.8 miles / 68 Minutes

Annual Operating Cost / Hours of Service

\$495,608 / 4970 Hours

Bus Frequency

	Weekday	Saturday	Sunday
Peak (6-9 AM; 3-6 PM)	30 Min		
Off-Peak (midday)	120 Min		

Span of Service

	Weekday	Saturday	Sunday
Operating Hours	6:00 AM-8:00 PM		
Service Hours	14 Hrs		

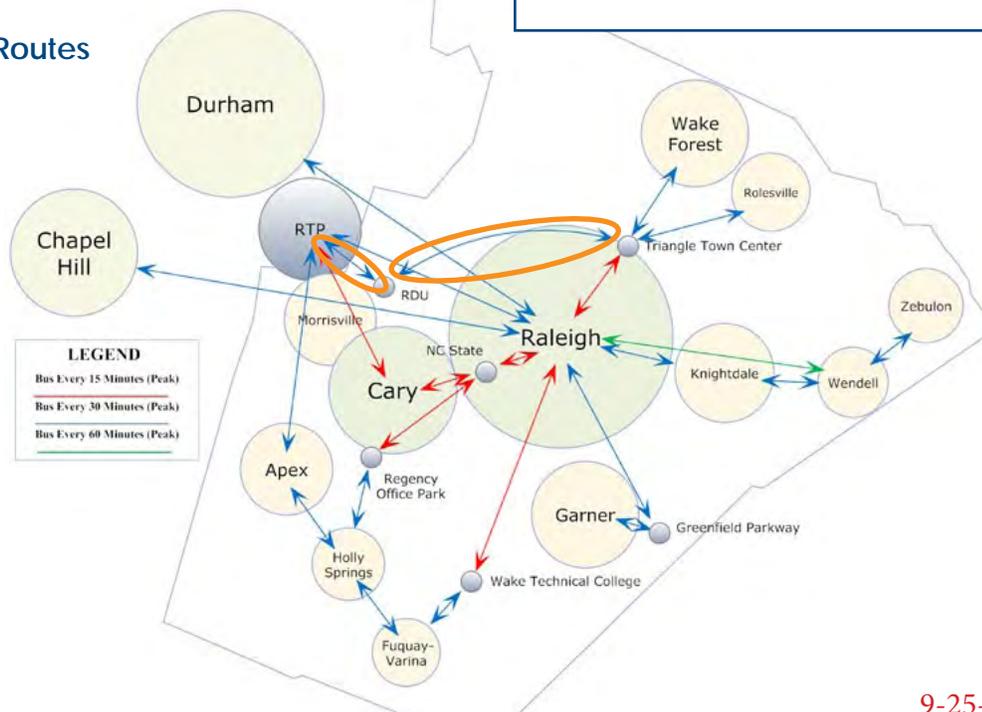
Major Generators/Attractions

- City of Raleigh**
 - Triangle Town Center
- Wake County**
 - RDU Airport
- Durham County**
 - RTP

Related Capital Items

- | | |
|--|---|
| Transit Centers: | Park-and-Ride Lots: |
| <ul style="list-style-type: none"> Triangle Town Center RDU Airport RTP | <ul style="list-style-type: none"> Creedmore and I-540 |
| Required Buses: 5 | |

Linkages to Other Routes



Wake Forest to Triangle Town Center

Providing Commuter Service from the Wakefield Park-and-Ride to Triangle Town Center/Downtown Raleigh

One-Way Route Length / Travel Time
5.0 miles / 15 Minutes

Annual Operating Cost / Hours of Service
\$150,000 / 1,500 Hours

Bus Frequency

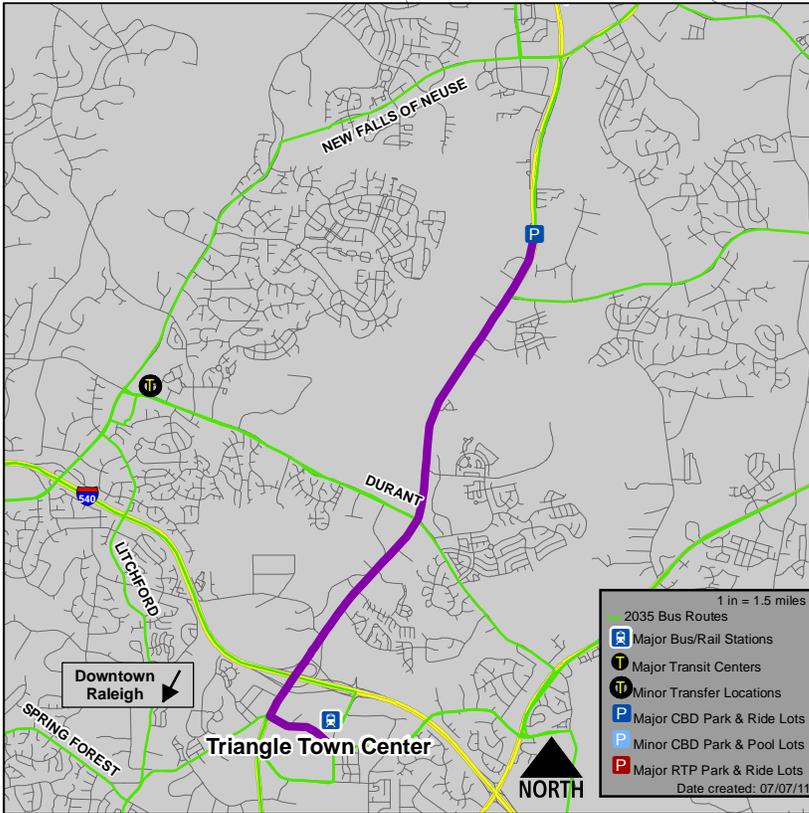
	Weekday	Saturday	Sunday
Peak (6-9 AM; 3-6 PM)	30 Min		
Off-Peak (midday)			

Span of Service

	Weekday	Saturday	Sunday
Operating Hours	6:00 AM-9:00 AM 3:00 PM -6:00 PM		
Service Hours	6 Hrs		

Related Capital Items

Transit Centers:	Park-and-Ride Lots:
<ul style="list-style-type: none"> Triangle Town Center 	<ul style="list-style-type: none"> Capital and Burlington Mills
Required Buses: 1	

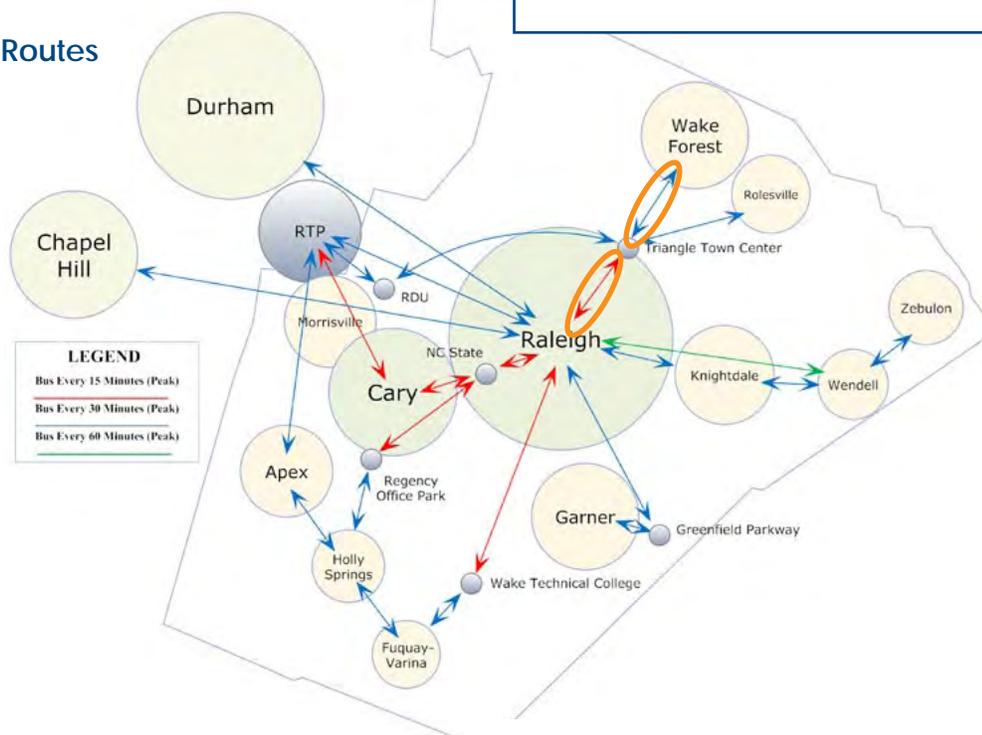


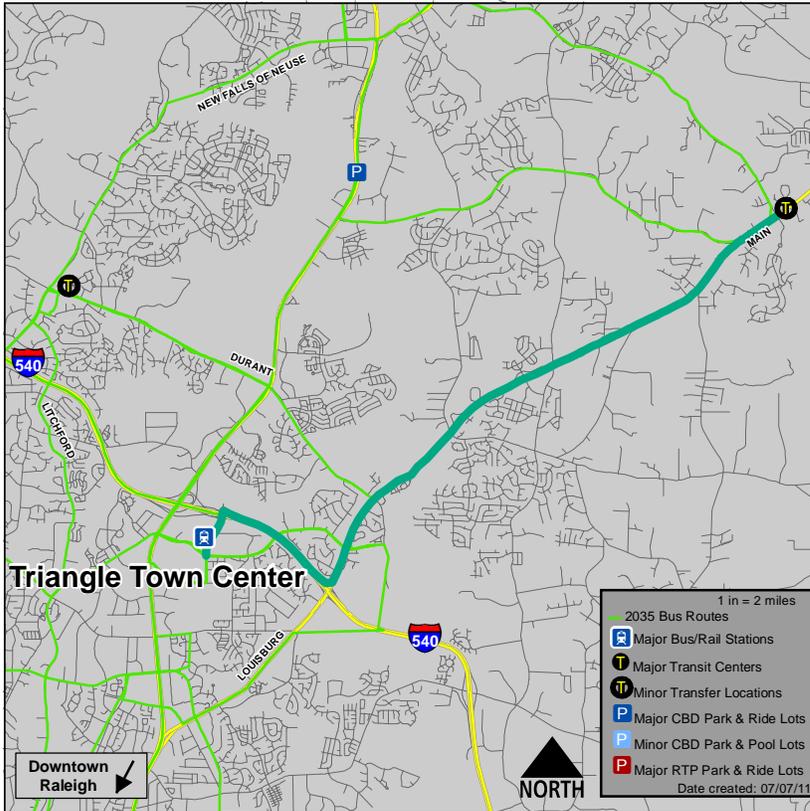
Major Generators/Attractions

City of Raleigh

- Triangle Town Center

Linkages to Other Routes





Rolesville to Triangle Town Center

Providing Commuter Service along Louisburg Rd from Rolesville to Triangle Town Center

One-Way Route Length / Travel Time

8.4 miles / 22.5 Minutes

Annual Operating Cost / Hours of Service

\$165,000 / 1,660 Hours

Bus Frequency

	Weekday	Saturday	Sunday
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Peak (6-9 AM; 3-6 PM)	30 Min		
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Off-Peak (midday)

Span of Service

	Weekday	Saturday	Sunday
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Operating Hours	6:00 AM-9:00 AM		
	3:00 PM -6:00 PM		

Service Hours	6 Hrs		
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Related Capital Items

Transit Centers:

- Triangle Town Center

Transfer Points:

- Rolesville

Required Buses: 2

Major Generators/Attractions

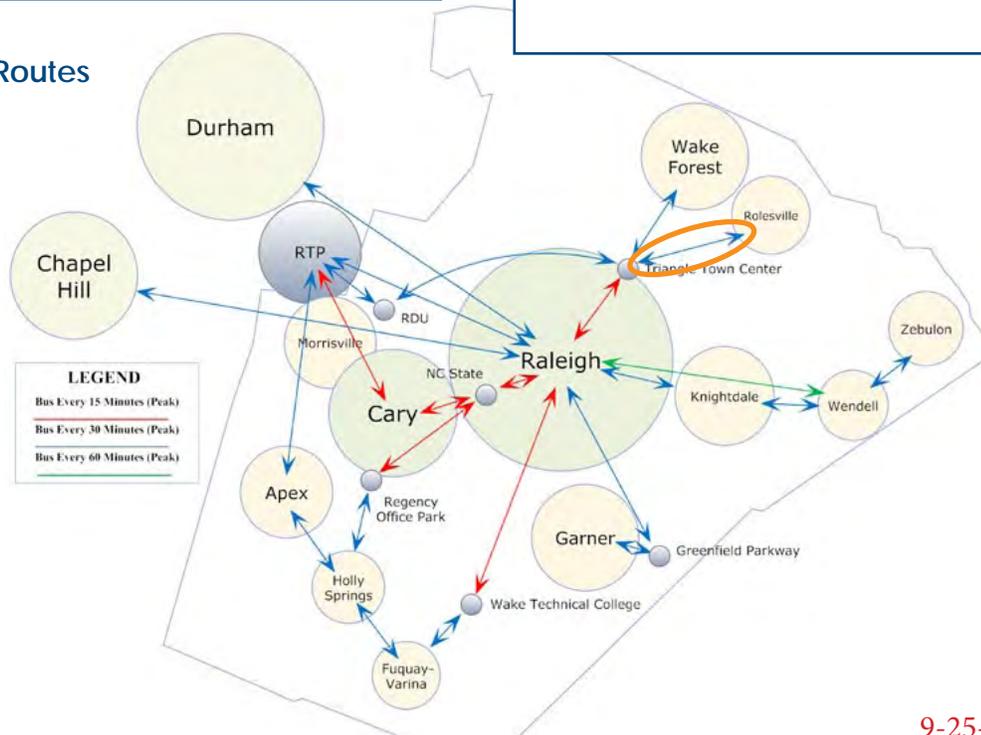
Town of Rolesville

- Downtown Rolesville

City of Raleigh

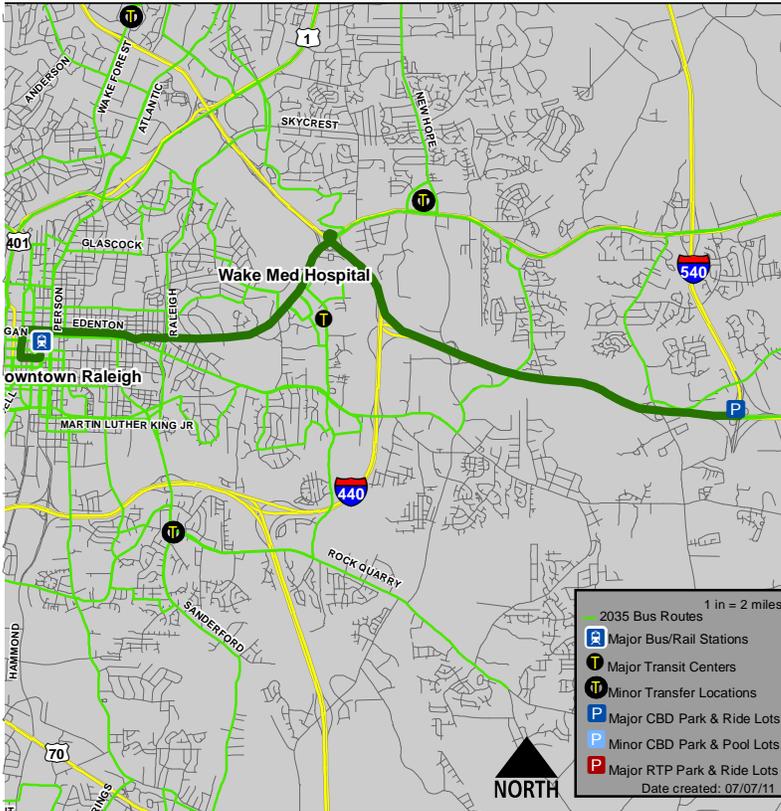
- Triangle Town Center

Linkages to Other Routes



Knightdale to Downtown Raleigh

Providing Commuter Service from Knightdale to Downtown Raleigh



One-Way Route Length / Travel Time

9.4 miles / 30 Minutes

Annual Operating Cost / Hours of Service

\$194,000 / 1,960 Hours

Bus Frequency

Weekday Saturday Sunday

Peak (6-9 AM; 3-6 PM) 30 Min

Off-Peak (midday)

Span of Service

Weekday Saturday Sunday

Operating Hours 6:00 AM-9:00 AM
3:00 PM -6:00 PM

Service Hours 6 Hrs

Major Generators/Attractions

City of Raleigh

- Downtown Raleigh
- WakeMed
- Pines of Ashton Apartments

Related Capital Items

Transit Centers:

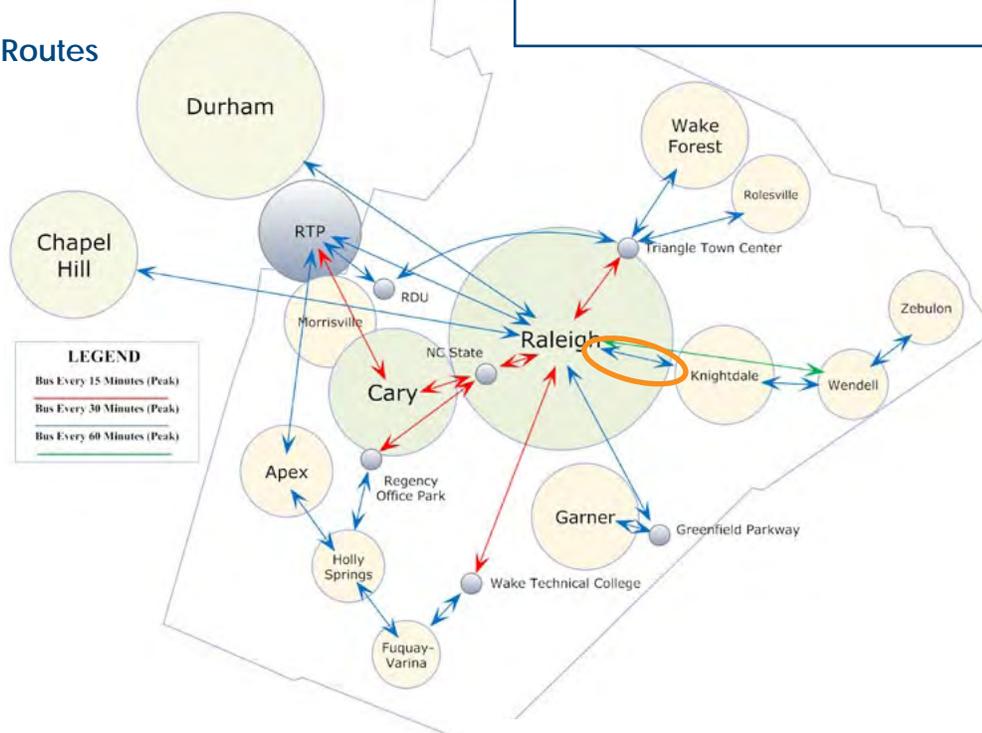
- Moore Square
- WakeMed

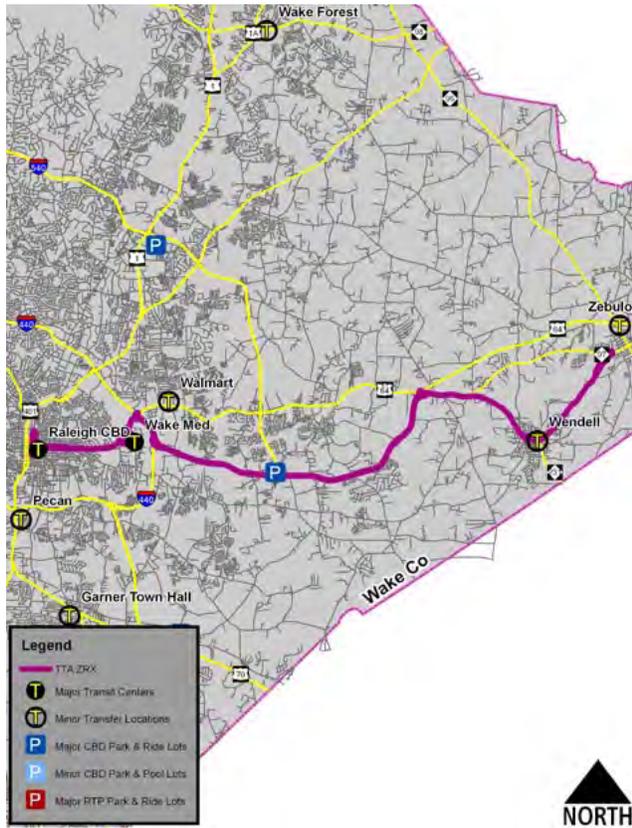
Park-and-Ride Lots:

- Knightdale

Required Buses: 2

Linkages to Other Routes





Zebulon to Wendell to Downtown Raleigh

Providing Commuter Service from Downtown Wendell and Downtown Zebulon to Downtown Raleigh

One-Way Route Length / Travel Time

24.5 miles / 53 Minutes

Annual Operating Cost / Hours of Service

\$375,000 / 3,750 Hours

Bus Frequency

Weekday Saturday Sunday

Peak (6-9 AM; 3-6 PM) 60 Min

Off-Peak (midday)

Span of Service

Weekday Saturday Sunday

Operating Hours 6:00 AM-9:00 AM
3:00 PM -6:00 PM

Service Hours 6 Hrs

Major Generators/Attractions

City of Raleigh

- Downtown Raleigh
- WakeMed

Related Capital Items

Transit Centers:

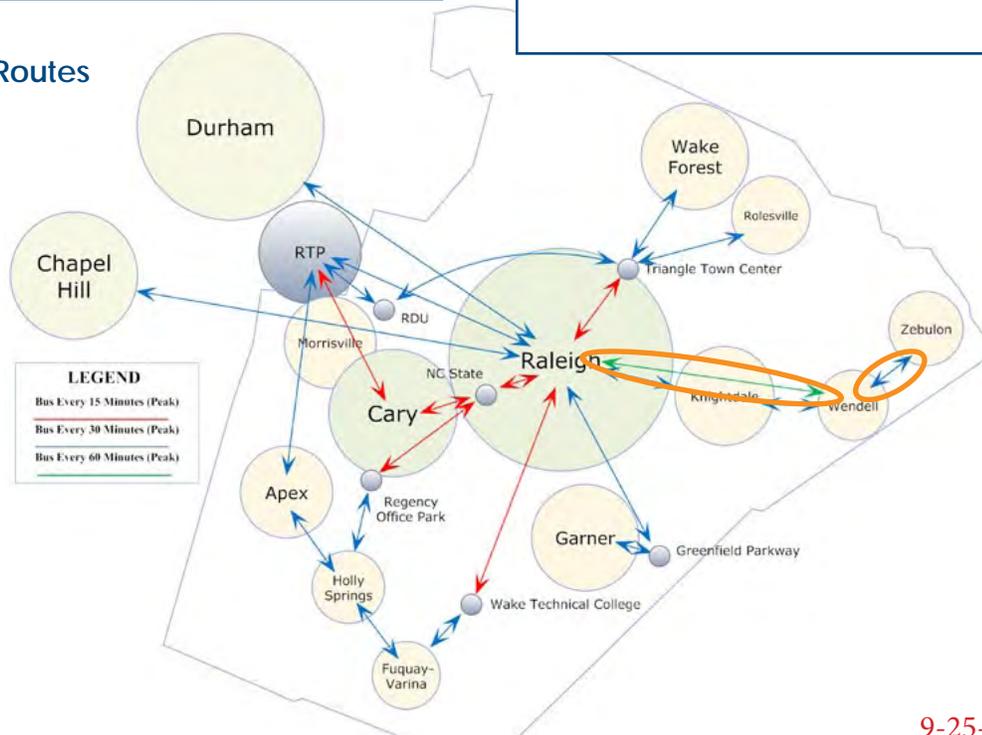
- Moore Square
- WakeMed

Park-and-Ride Lots:

- Wendell Falls

Required Buses: 3

Linkages to Other Routes



Garner (Greenfield Pkwy) to Downtown Raleigh

Providing Commuter Service along I-40 from Downtown Raleigh to Greefield Parkway in Garner



One-Way Route Length / Travel Time

10.1 miles / 30 Minutes

Annual Operating Cost / Hours of Service

\$300,000 / 3000 Hours

Bus Frequency

Weekday Saturday Sunday

Peak (6-9 AM; 3-6 PM) 30 Min

Off-Peak (midday)

Span of Service

Weekday Saturday Sunday

Operating Hours 6:00 AM-9:00 AM
3:00 PM -6:00 PM

Service Hours 6 Hrs

Major Generators/Attractions

City of Raleigh

- Downtown Raleigh

Related Capital Items

Transit Centers:

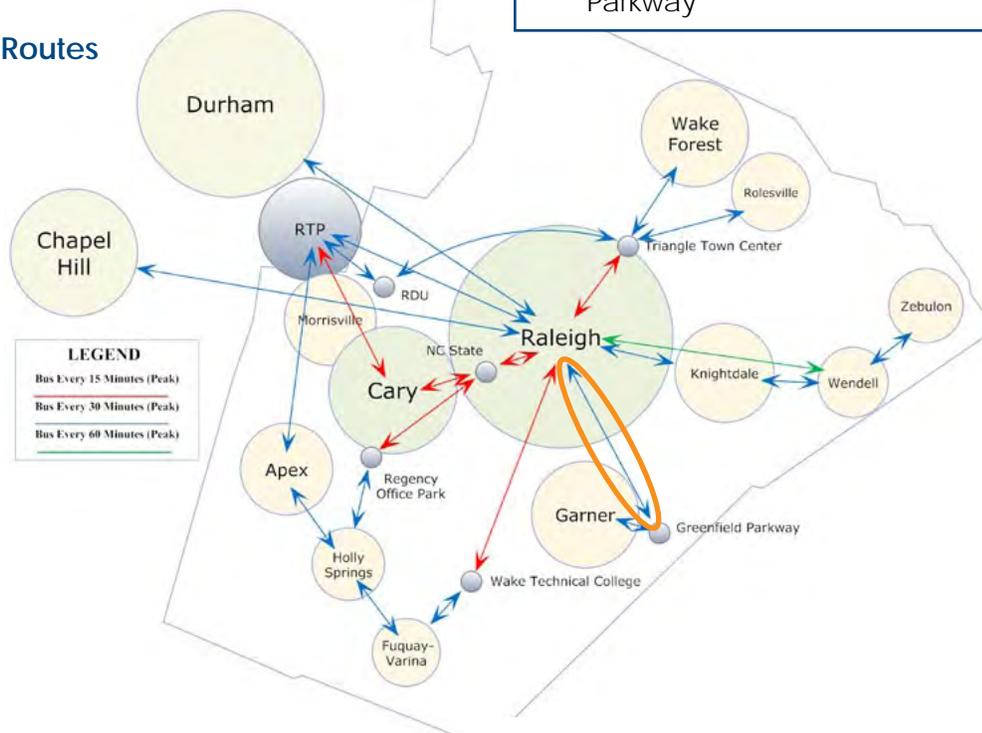
- Moore Square

Required Buses: 2

Park-and-Ride Lots:

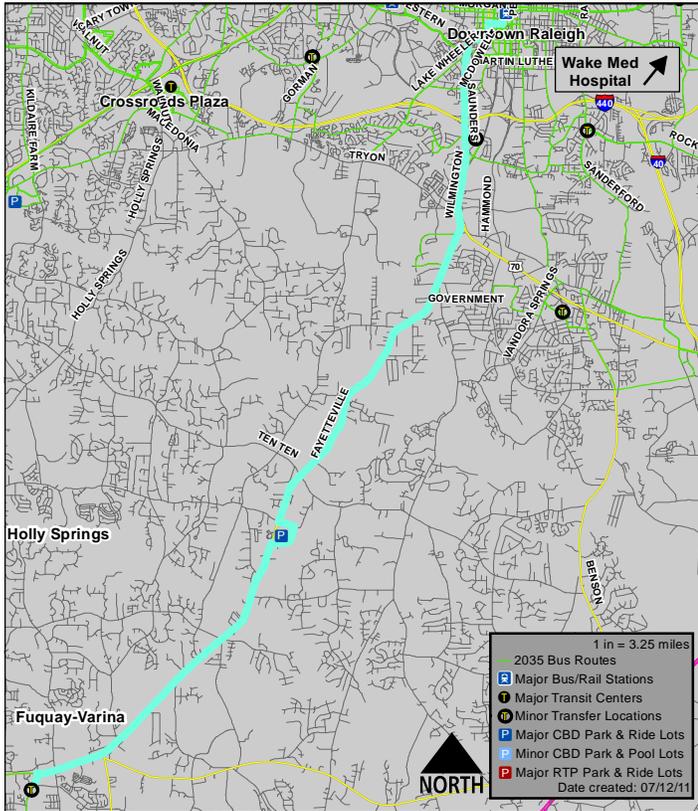
- Greenfield Parkway

Linkages to Other Routes



Fuquay-Varina to Downtown Raleigh

Providing Commuter Service along Fayetteville Road from Downtown Raleigh to Downtown Fuquay-Varina



One-Way Route Length / Travel Time

17.2 miles / 53 Minutes

Annual Operating Cost / Hours of Service

\$226,000 / 2,630 Hours

Bus Frequency

Weekday Saturday Sunday

Peak (6-9 AM; 3-6 PM) 30 Min

Off-Peak (midday)

Span of Service

Weekday Saturday Sunday

Operating Hours 6:00 AM-9:00 AM
3:00 PM -6:00 PM

Service Hours 6 Hrs

Major Generators/Attractions

City of Raleigh

- Downtown Raleigh

Wake County

- Wake Tech Main Campus

Town of Fuquay-Varina

- Downtown Fuquay-Varina

Related Capital Items

Transit Centers:

- Moore Square

Transfer Points:

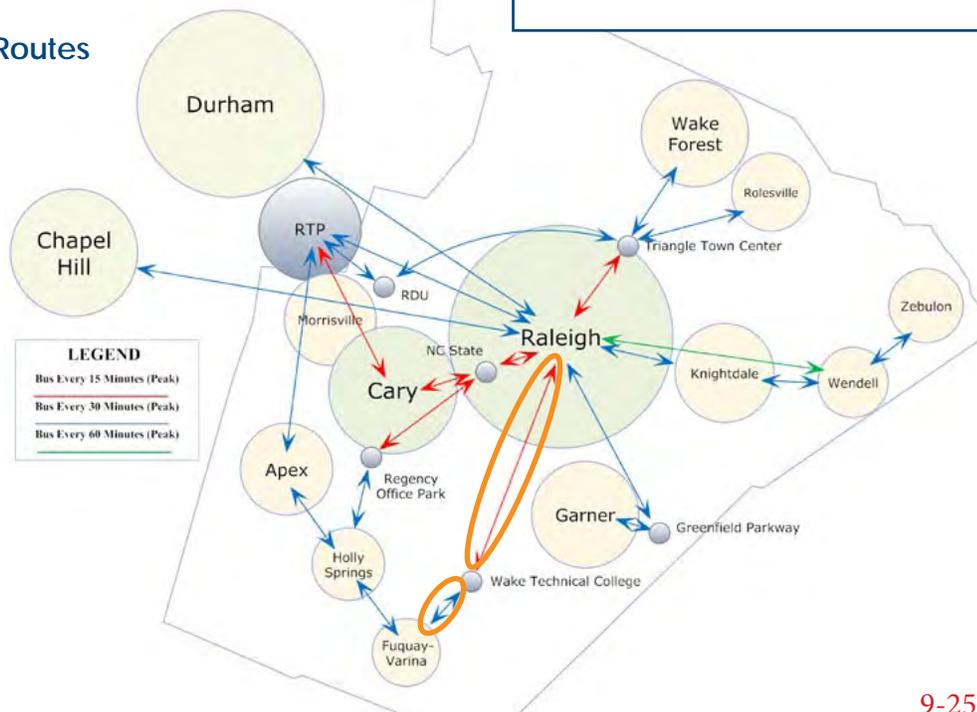
- Wilmington Street

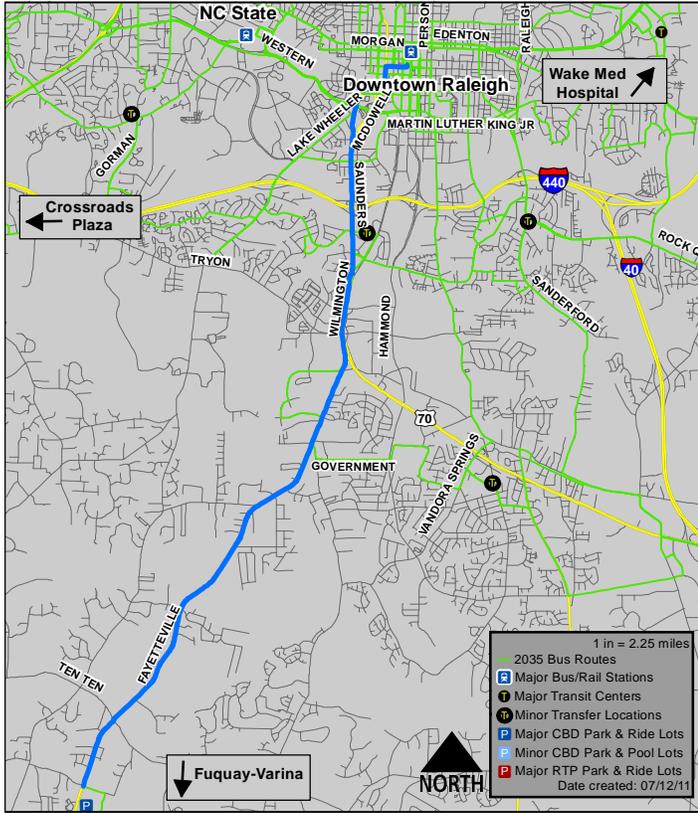
Park-and-Ride Lots:

- Wake Tech - Main

Required Buses: 2

Linkages to Other Routes





Wake Technical Main Campus to Downtown Raleigh

Providing Commuter Service from Wake Technical Main Campus to Downtown Raleigh

One-Way Route Length / Travel Time

10.2 miles / 30 Minutes

Annual Operating Cost / Hours of Service

\$431,000 / 5000 Hours

Bus Frequency

	Weekday	Saturday	Sunday
Peak (6-9 AM; 3-6 PM)	30 Min		
Off-Peak (midday)	60 Min		

Span of Service

	Weekday	Saturday	Sunday
Operating Hours	6:00 AM-8:00 PM		
Service Hours	14 Hrs		

Major Generators/Attractions

City of Raleigh

- Downtown Raleigh

Wake County

- Wake Tech Main Campus

Related Capital Items

Transit Centers:

- Moore Square

Transfer Points:

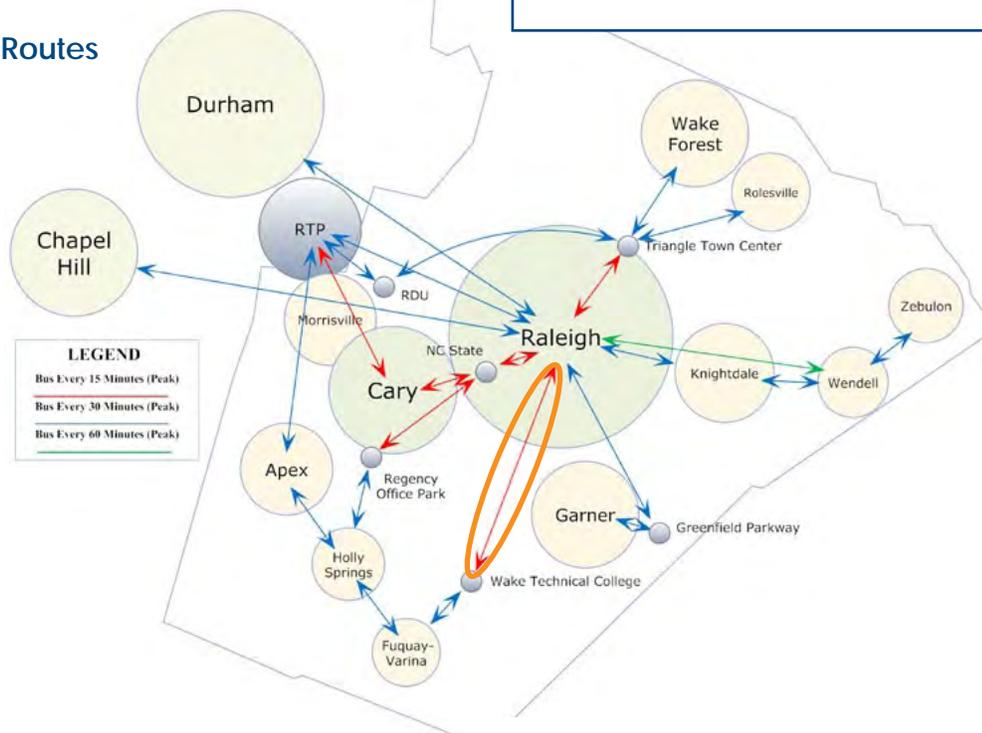
- Wilmington Street

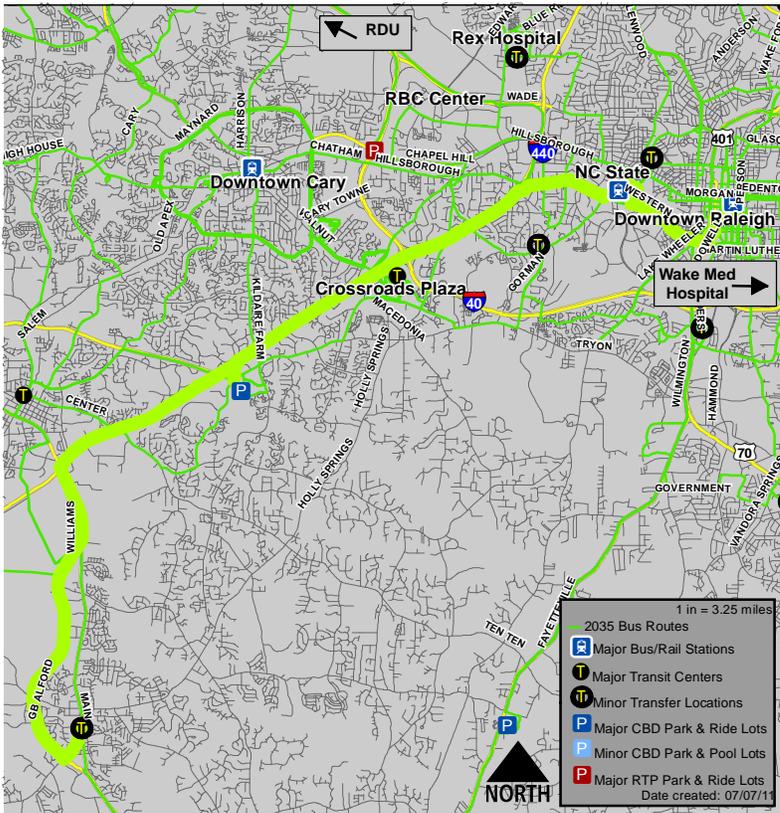
Park-and-Ride Lots:

- Wake Tech - Main

Required Buses: 5

Linkages to Other Routes





Holly Springs to NC State and Downtown Raleigh

Providing Commuter Service along Western Blvd and U.S. 1 from Raleigh to Holly Springs

One-Way Route Length / Travel Time

20.7 miles / 60 Minutes

Annual Operating Cost / Hours of Service

\$441,000 / 4,410 Hours

Bus Frequency

	Weekday	Saturday	Sunday
Peak (6-9 AM; 3-6 PM)	30 Min		
Off-Peak (midday)			

Peak (6-9 AM; 3-6 PM)

30 Min

Off-Peak (midday)

Span of Service

	Weekday	Saturday	Sunday
Operating Hours	6:00 AM-9:00 AM		
Service Hours	3:00 PM -6:00 PM		
Service Hours	6 Hrs		

Operating Hours

6:00 AM-9:00 AM
3:00 PM -6:00 PM

Service Hours

6 Hrs

Major Generators/Attractions

City of Raleigh

- Downtown Raleigh

Town of Cary

- WakeMed Cary
- The Crescent

Town of Holly Springs

- Downtown Holly Springs

Related Capital Items

Transit Centers:

- Moore Square
- NC State

Transfer Points:

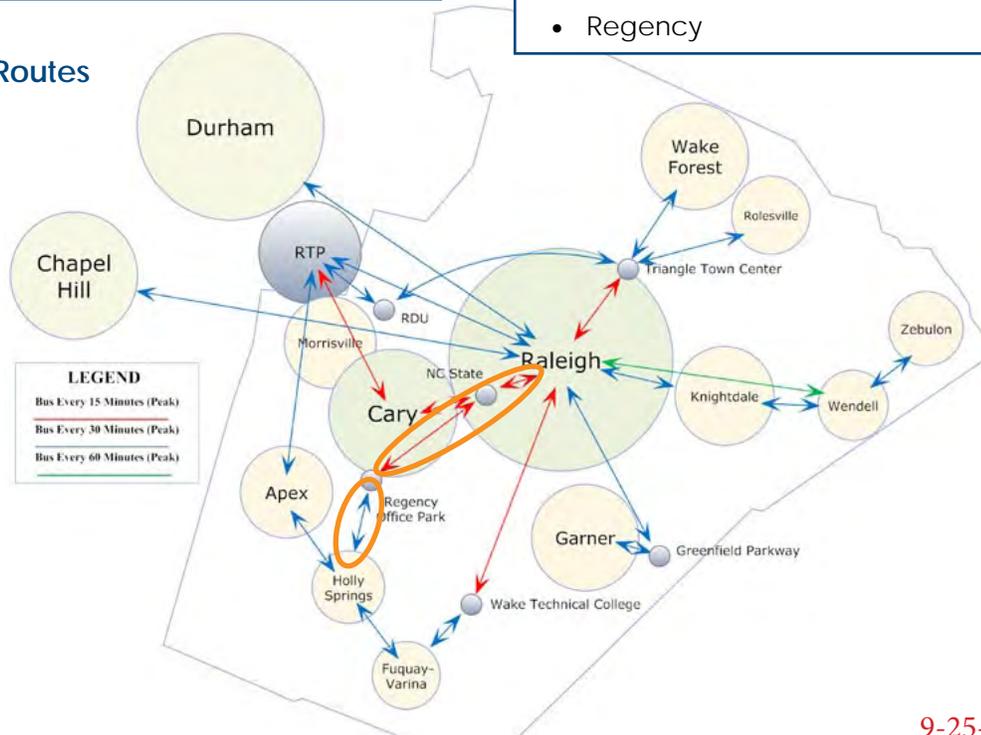
- Holly Springs

Required Buses: 5

Park-and-Ride Lots:

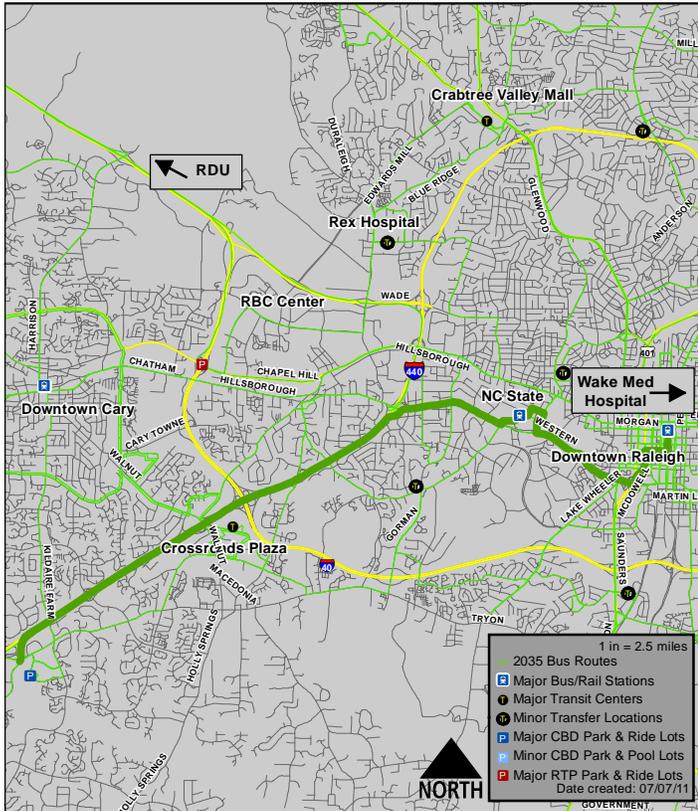
- Regency

Linkages to Other Routes



Regency Park to NC State and Downtown Raleigh

Providing Commuter Service along Western Blvd and U.S. 1 from Raleigh to Regency Park



One-Way Route Length / Travel Time
11.3 miles / 30 Minutes
Annual Operating Cost / Hours of Service
\$220,000 / 2,210 Hours

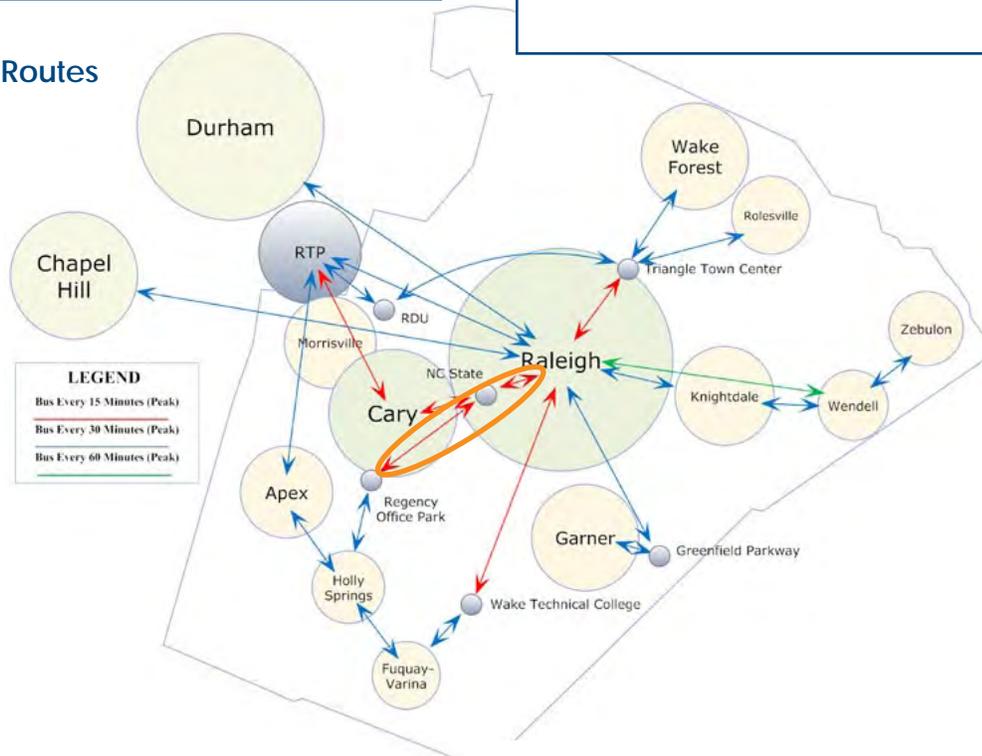
Bus Frequency	Weekday	Saturday	Sunday
Peak (6-9 AM; 3-6 PM)	30 Min		
Off-Peak (midday)			

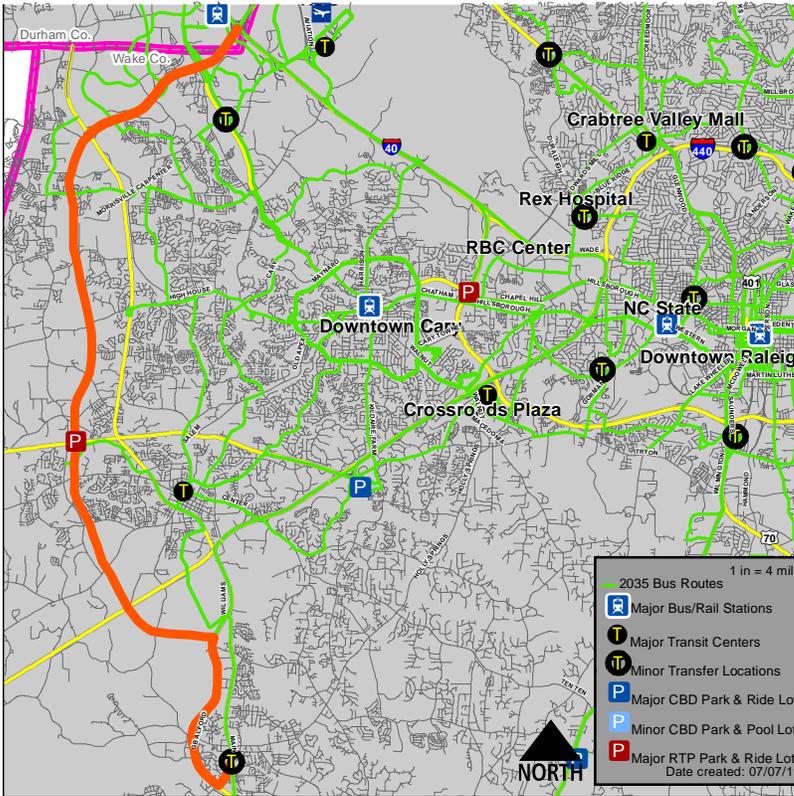
Span of Service	Weekday	Saturday	Sunday
Operating Hours	6:00 AM-9:00 AM 3:00 PM -6:00 PM		
Service Hours	6 Hrs		

Related Capital Items	
Transit Centers:	Park-and-Ride Lots:
<ul style="list-style-type: none"> Moore Square NC State 	<ul style="list-style-type: none"> Regency
Required Buses: 2	

- Major Generators/Attractions**
- City of Raleigh**
- Downtown Raleigh
- Town of Cary**
- WakeMed Cary
 - The Crescent

Linkages to Other Routes





Holly Springs to the Research Triangle Park

Providing Commuter Service along NC 540 from RTP to Holly Springs

One-Way Route Length / Travel Time

24.2 miles / 75 Minutes

Annual Operating Cost / Hours of Service

\$551,000 / 5,520 Hours

Bus Frequency

Weekday Saturday Sunday

Peak (6-9 AM; 3-6 PM) 30 Min

Off-Peak (midday)

Span of Service

Weekday Saturday Sunday

Operating Hours 6:00 AM-9:00 AM
3:00 PM -6:00 PM

Service Hours 6 Hrs

Major Generators/Attractions

Durham County

- RTP

Town of Apex

- Beaver Creek Crossing

Town of Holly Springs

- Downtown Holly Springs

Related Capital Items

Transit Centers:

- RTP

Transfer Points:

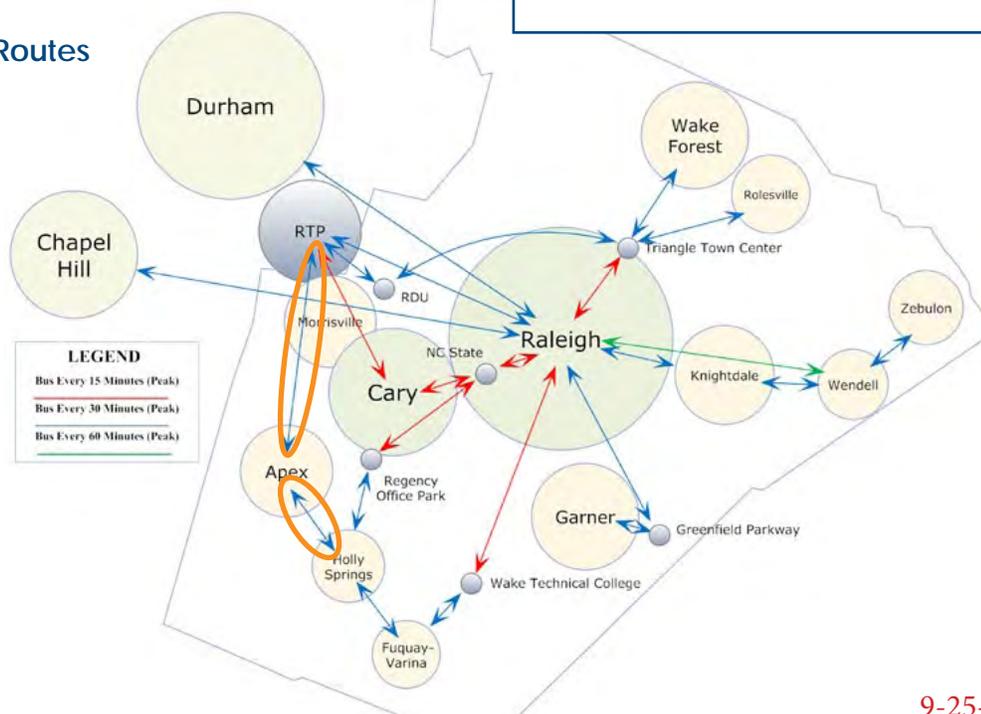
- Holly Springs

Park-and-Ride Lots:

- NC 55 and US 64

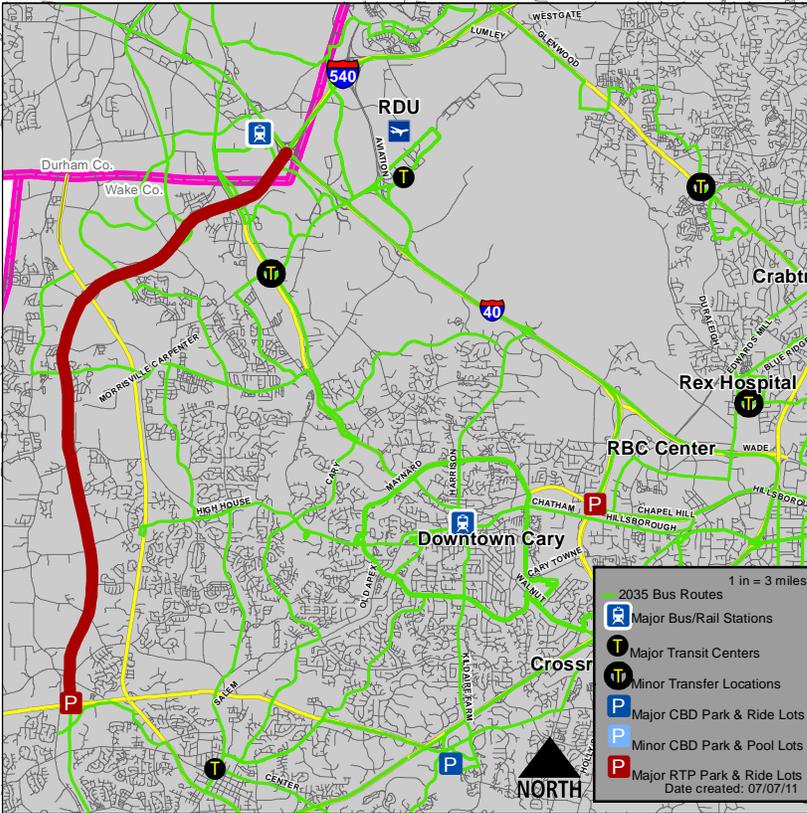
Required Buses: 4

Linkages to Other Routes



Apex / Cary to the Research Triangle Park

Providing Commuter Service along NC 540 from RTP to Apex (NC 55)



One-Way Route Length / Travel Time

10.6 miles / 30 Minutes

Annual Operating Cost / Hours of Service

\$300,000 / 3,000 Hours

Bus Frequency

Weekday Saturday Sunday

Peak (6-9 AM; 3-6 PM) 30 Min

Off-Peak (midday)

Span of Service

Weekday Saturday Sunday

Operating Hours 6:00 AM-9:00 AM
3:00 PM -6:00 PM

Service Hours 6 Hrs

Related Capital Items

Transit Centers:

- RTP

Park-and-Ride Lots:

NC 55 and US 64

Required Buses: 2

Major Generators/Attractions

Durham County

- RTP

Town of Apex

- Beaver Creek Crossing

Linkages to Other Routes

