

Appendix E

Commuter Rail Service Details

The following pages detail the commuter rail service as outlined in the Wake County Transit Plan.

The proposed commuter rail service would operate from eastern Garner to west Durham, covering 37 miles. This appendix includes:

- concept schedule of service
- map of the system and the proposed station locations
- table detailing the stations, potential locations and intended service areas

Concept Schedule of Service

The commuter rail vehicle is expected to be able to travel from east Garner (Greenfield Parkway) to west Durham in 52 minutes. The plan for the commuter rail notes that there would be five trains in the peak hours (morning and afternoon) and two trains in the mid-day and evening. The area may decide to run fewer trains daily based on demand or operational conflicts with the freight railroads. Using the proposed number of trains (five peak—two off-peak) the schedule could resemble like the table below.

Train Direction	Train Leaves Greenfield Station	Arrives Downtown Raleigh	Arrives Downtown Cary	Arrives Research Triangle Park	Arrives Downtown Durham
Greenfield Station (east Garner) to Downtown Durham	6:00 AM	6:14 AM	6:26 AM	6:36 AM	6:47 AM
	6:30 AM	6:44 AM	6:56 AM	7:06 AM	7:17 AM
	7:00 AM	7:14 AM	7:26 AM	7:36 AM	7:47 AM
	7:30 AM	7:44 AM	7:56 AM	8:06 AM	8:17 AM
	8:00 AM	8:14 AM	8:26 AM	8:36 AM	8:47 AM
	11:30 AM	11:44 AM	11:56 AM	12:06 PM	12:17 PM
	12:30 PM	12:44 PM	12:56 PM	1:06 PM	1:17 PM
	4:00 PM	4:14 PM	4:26 PM	4:36 PM	4:47 PM
	4:30 PM	4:44 PM	4:56 PM	5:06 PM	5:17 PM
	5:00 PM	5:14 PM	5:26 PM	5:36 PM	5:47 PM
	5:30 PM	5:44 PM	5:56 PM	6:06 PM	6:17 PM
	6:00 PM	6:14 PM	6:26 PM	6:36 PM	6:47 PM
	8:00 PM	8:14 PM	8:26 PM	8:36 PM	8:47 PM
9:00 PM	9:14 PM	9:26 PM	9:36 PM	9:47 PM	
Train Direction	Train Leaves Downtown Durham	Arrives Research Triangle Park	Arrives Downtown Cary	Arrives Downtown Raleigh	Arrives Greenfield Station
Downtown Durham to Greenfield Station (east Garner)	6:03 AM	6:14 AM	6:24 AM	6:36 AM	6:51 AM
	6:33 AM	6:44 AM	6:54 AM	7:06 AM	7:21 AM
	7:03 AM	7:14 AM	7:24 AM	7:36 AM	7:51 AM
	7:33 AM	7:44 AM	7:54 AM	8:06 AM	8:21 AM
	8:03 AM	8:14 AM	8:24 AM	8:36 AM	8:51 AM

Train Leaves Train Direction	Arrives Downtown Durham	Arrives Research Triangle Park	Arrives Downtown Cary	Arrives Downtown Raleigh	Greenfield Station
	11:33 AM	11:44 AM	11:54 AM	12:06 PM	12:21 PM
	12:33 PM	12:44 PM	12:54 PM	1:06 PM	1:21 PM
	4:03 PM	4:14 PM	4:24 PM	4:36 PM	4:51 PM
	4:33 PM	4:44 PM	4:54 PM	5:06 PM	5:21 PM
	5:03 PM	5:14 PM	5:24 PM	5:36 PM	5:51 PM
	5:33 PM	5:44 PM	5:54 PM	6:06 PM	6:21 PM
	6:03 PM	6:14 PM	6:24 PM	6:36 PM	6:51 PM
	8:03 PM	8:14 PM	8:24 PM	8:36 PM	8:51 PM
	9:03 PM	9:14 PM	9:24 PM	9:36 PM	9:51 PM

The map below shows the 37-mile corridor and the proposed station locations.

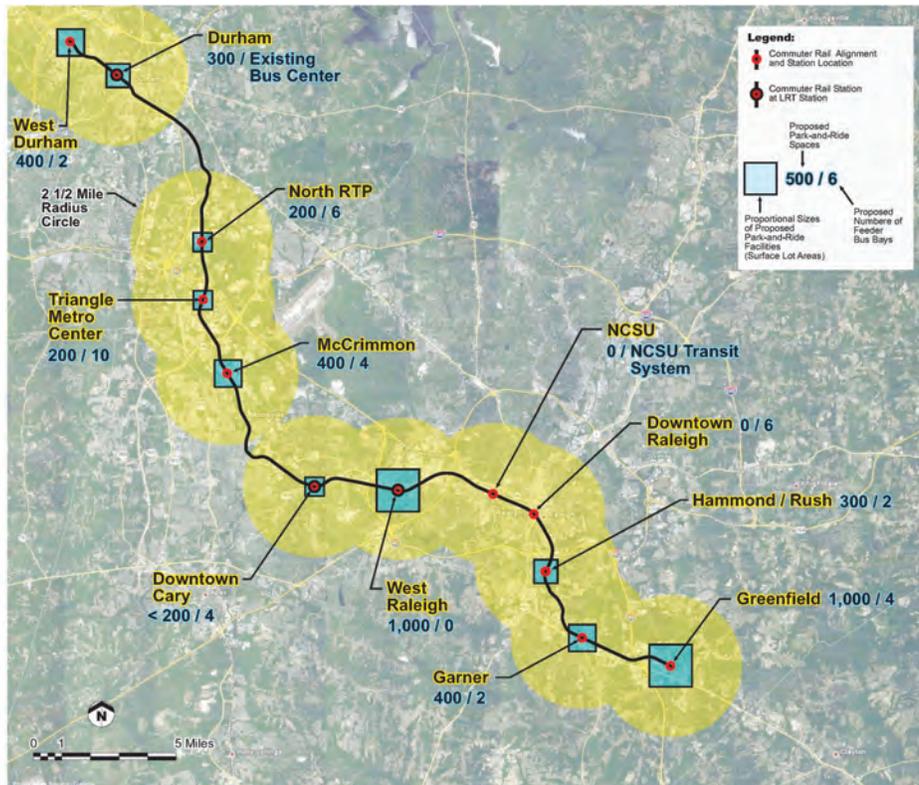


Table Detailing the Stations, Potential Locations and Intended Service Areas.

Station Location	Potential Site	Distance from Previous Station	Service Area
Greenfield Parkway (east Garner)	Between Greenfield Parkway and Garner Road, northwest of Auburn Road	—	Western Johnston County, Eastern Garner, future infill and new development
Garner Downtown Station	South of Garner Road between Benson Road and St. Mary's Street	3.7 Miles	Garner, future infill and redevelopment in accordance with Town's plans
Hammond Station (south Raleigh)	Between Hammond Road and Garner Road, at the end of the Raleigh View Road Alignment	3.1 Miles	South Raleigh, future infill and redevelopment
Downtown Raleigh Amtrak station	Near the intersection of West and Davie Streets	2.2 Miles	Downtown Raleigh, Raleigh bus users,
North Carolina State University	On the west side of the free expression tunnel underpass	1.6 Miles	NCSU, neighborhoods and businesses along Hillsborough Street and east of Dan Allen Drive
West Raleigh	On the east side of Corporate Center Drive, north of Hillsborough Street	3.9 Miles	Western Raleigh, East Cary, I-40 commuters from southern and western Wake County
Downtown Cary	At Cary Station, between Harrison Avenue and Academy Street	2.7 Miles	Downtown Cary, Cary bus users, Amtrak Station
McCrimmon Parkway (Morrisville)	West of Chapel Hill Road, directly south of the proposed McCrimmon Parkway realignment and overpass	5.7 Miles	Morrisville and Western Cary, potential infill and new development in accordance with the Town's plans
South Research Triangle Park	West of Miami Boulevard, south of Nelson Chapel Hill Highway	2.7 Miles	Research Triangle Park, regional bus users
North Research Triangle Park	West of Miami Boulevard, directly South of IBM Drive	1.9 Miles	Research Triangle Park, potential development
Downtown Durham	At the Durham Multi-modal Center	7.8 Miles	Downtown Durham, Durham bus users, Amtrak Station
West Durham	On the west side of Hicks Street	1.9 Miles	Eastern Orange County, West Durham, Duke University, potential development