

Charlotte Avenue

Outside of downtown Nashville, Phase 1 of Charlotte Avenue is a 3.7-mile corridor that stretches through dense commercial and residential development. It generally has five travel lanes, including a center turn lane, which narrows into a four-lane road past 51st Avenue; the corridor has pedestrian and bicycle infrastructure along its length. Some areas along the corridor, like The Nations neighborhood north of Charlotte Avenue, are being redeveloped with new housing, business, and mixed-use development.

Transportation Character

Charlotte Avenue serves dense commercial and residential development. Sidewalks and bicycle infrastructure are consistently present throughout the corridor, including bike lanes and shared bicycle/traffic lanes. On-street parking is limited to a roughly ten block area between 48th Ave N and 57th Ave N.

There are two main transit routes along Charlotte Avenue. Route 10 Charlotte runs nine miles between a Walmart at River Road and Music City Central in downtown Nashville. In early 2015, MTA began operating Route 50 Charlotte Pike "BRT lite," which roughly mirrors Route 10 but makes more frequent trips and fewer stops. Route 50 is a "BRT lite" route running every 15 minutes on weekdays from 5 a.m. to 6 p.m. and every 30 minutes in the evenings and on weekends. Charlotte Avenue is MTA's fifth-highest ridership corridor.

The mostly consistent presence of sidewalks and bicycle infrastructure also contributes to a transit-friendly environment.



Image from Google Street View

Phase 1 Corridor Summary *(does not include downtown)*

Corridor length	3.7 miles
Sidewalks	Intermittent (but mostly complete)
Bike lanes	Yes (bike lanes and shared lanes)
On-street parking	From 48th Ave N to 57th Ave N
Current transit routes	Routes 10, 50
Current bus ridership <i>(average weekday 2017)</i>	1,900 riders
Employment within 1/2 mile of route (2015)	88,300 jobs
Residents within 1/2 mile of route (2015)	16,300 people



Development Character

Charlotte Avenue is the most densely developed of the five corridors, with 88,000 jobs and 16,000 residents living within 1/2 mile of the corridor. Larger commercial and residential developments are present to the east of I-440 with a mix of smaller retail and residential developments to the west. The area west of I-440 is also experiencing rapid change, including pedestrian and transit-friendly mixed-use developments.

Between 19th Avenue and 25th Avenue, several large medical campuses, employment centers, and Centennial Park are located just to the south of Charlotte Avenue. Among the largest of these medical campuses is the Tristar Centennial Medical Center, a 657-bed facility housed on a 43-acre campus. Containing Lake

Watauga, the Centennial Art Center, and numerous historical monuments, a dog park, and exercise trails, Centennial Park is a popular recreational destination along the corridor.

Vanderbilt University, with 12,000 students and 8,000 faculty and staff, is located 1/2 mile south of the corridor. Along the western portion of Charlotte Avenue, the residential neighborhoods to the north and south consist of dense single-family homes along gridded streets.

The area's existing development and high employment density are both supportive of HCT.



Charlotte Avenue Overview



DOWNTOWN AREA

Denser development patterns on Charlotte Avenue close to downtown Nashville present both challenges and opportunities for successful light rail implementation.

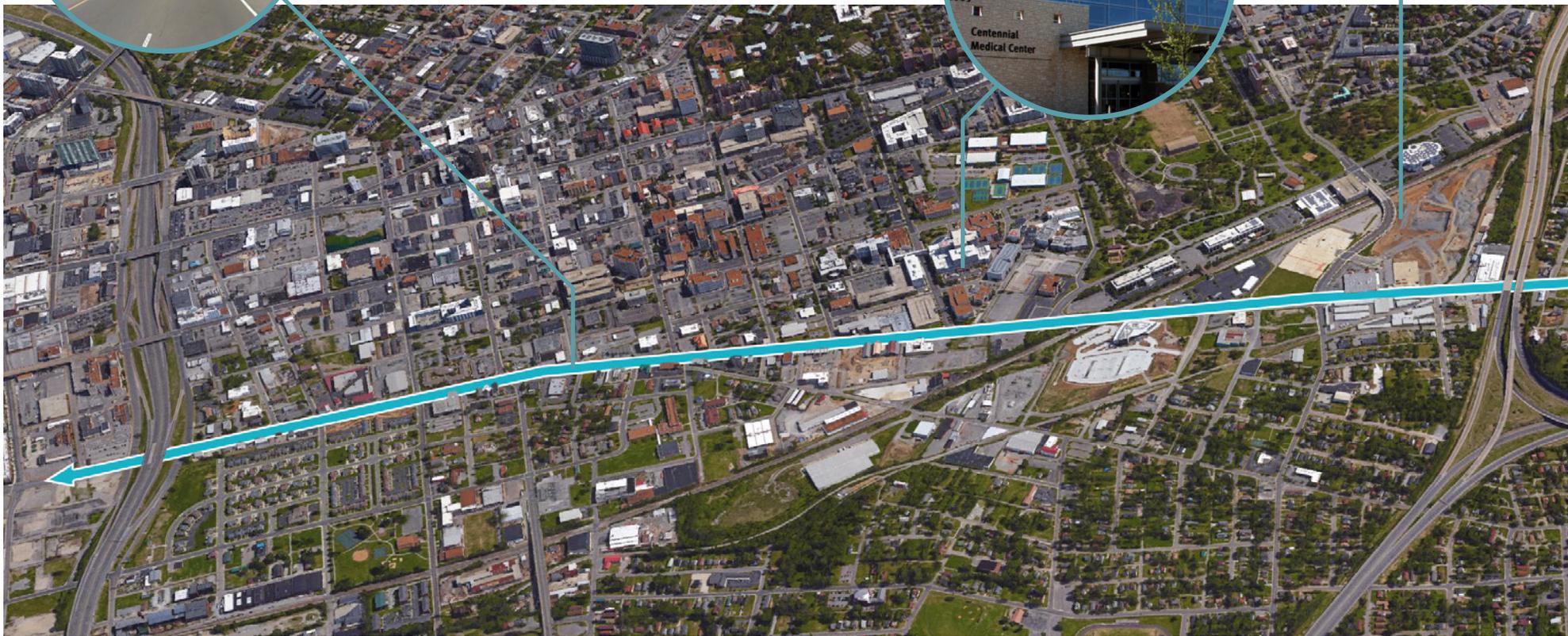
NEW DEVELOPMENT

Several major developments are planned or underway along Charlotte Avenue. HCT planning should incorporate this growth into station location siting and corridor design.



MEDICAL CENTERS

Hospitals and medical centers south of Charlotte Avenue will require emergency vehicle access planning.





SIDEWALKS & BIKE LANES

The corridor has sidewalks and bike lanes throughout, with wide sidewalks and new landscaping near new development.

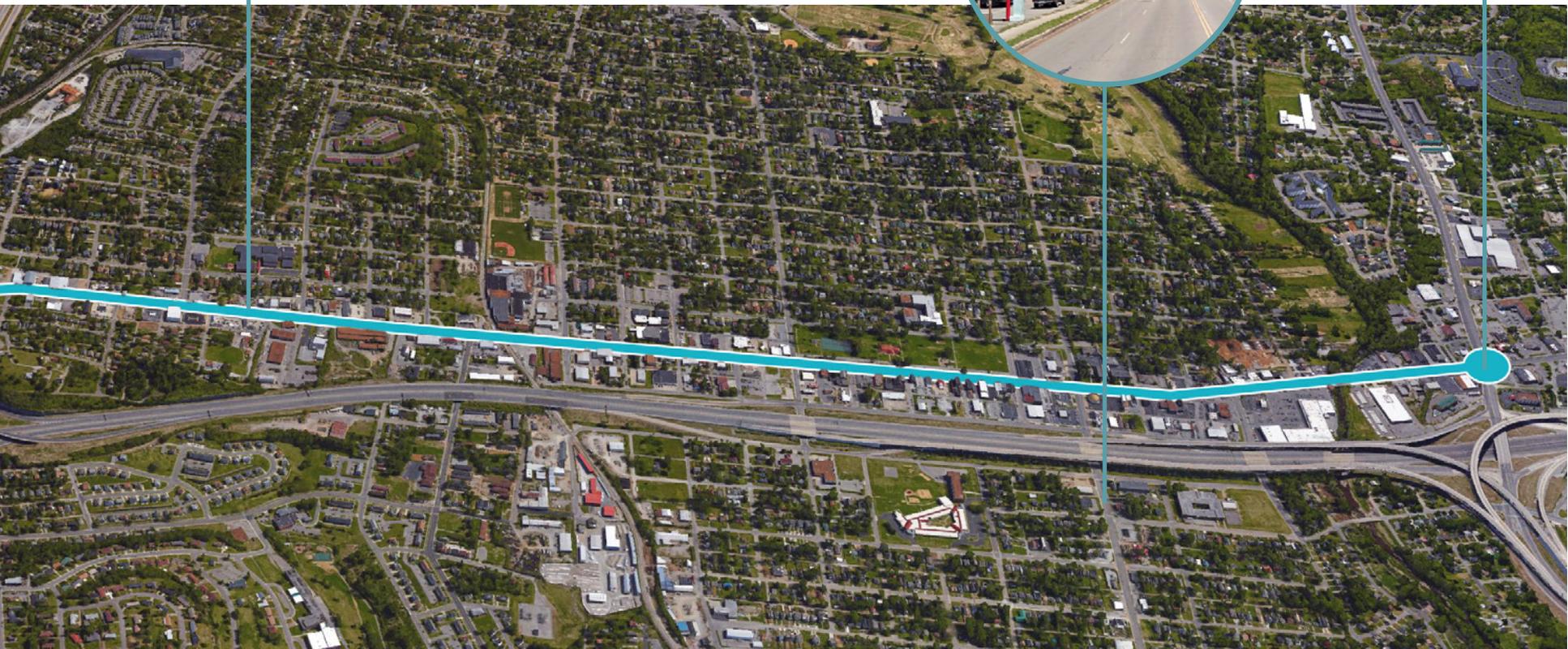
WHITE BRIDGE PIKE

White Bridge Pike serves as a key access route to Briley Parkway and I-40.



THE NATIONS

Recent redevelopment and an emphasis on dense, mixed-use development in The Nations neighborhood could support high capacity transit.



All images from Google Street View