


Modes under Consideration in the Chapel Hill North-South Corridor Study Tier 1 Analysis

Mode	Typical Characteristics	Example Service
No Build	<ul style="list-style-type: none"> Mixed traffic operations Frequent (10 minute) peak service; 30- to 60-minute service off-peak Single (40-foot) and articulated low-floor, diesel buses Stops spacing varies between ¼-mile and a half-mile Stations vary between shelters and concrete pads 	Chapel Hill, NC 
BRT Low	Substantial corridor-based investment that emulates rail fixed guideway service, including: <ul style="list-style-type: none"> Defined stations Traffic signal priority for transit vehicles Frequent bidirectional service for a substantial part of weekday and weekend days At the discretion of the FTA, any other features that support the transit investment (the majority of which does not operate in a separated right-of-way during peak periods) Typical corridor length of five to 20 miles 	Kansas City, MO MAX 
BRT High	<ul style="list-style-type: none"> Exclusive bus lanes Level boarding at high quality stations 60-foot buses that have multiple doors, sleek styling, and onboard visual/automated next stop announcements Wide stop spacing (typically one mile) and frequent, seven-day-a-week service Branded service through use of a distinct name, logo, color scheme, bus wrap, and set of visual identifiers Off-board fare payment Signal priority “Real time” bus arrival information available at stations and through web/mobile apps on desktop computer or smartphone Typical corridor length of five to 20 miles 	Cleveland, OH HealthLine 
Light Rail	<ul style="list-style-type: none"> Exclusive rail corridor or tracks embedded within lane of roadway Overhead electrical system Level boarding at high-quality stations One to four car trains Stops spaced one mile apart Frequent service Off-board fare payment “Real time” bus arrival information available at stations and through web/mobile apps on desktop computer or smartphone Typical corridor length of 10 to 20 miles 	Minneapolis, MN Hiawatha 