

City of Rockville Bus Rapid Transit Integration Study

Study Objectives, BRT Design Principles

City Study Objective

Generate BRT design concepts that will enhance Town Center while accommodating BRT service into the area, and integrates with the Metro station and current transit service.

To achieve this objective the City would like to:

1. Explore BRT alternatives that focus on features of interest to the City.
2. Integrate into the BRT alternative designs Town Center Master Plan guidance (in all its urban design and transportation aspects).
3. Work collaboratively with Montgomery County and the SHA (as well as WMATA), sharing our respective interests and shaping subsequent steps in each other's processes.

Principles

City staff approaches this study looking for options/alternatives that will be consistent with the following principles.

Worded differently, these principles could be written as criteria the City will use to evaluate the BRT alternatives.

These principles are City-specific, and supplement the principles the County and State will follow in evaluating alternatives (such as cost, travel times, person throughput, right-of-way impacts, and utilities).

1. *BRT supports Town Center design and development goals.*
2. *BRT expands travel options for Rockville residents, workers, shoppers and others traveling to the area.*
3. *BRT integrates with the street network, and motor vehicle levels of service are at least maintained, especially on MD 355 and at key intersections.*
4. *BRT integrates with the Rockville Metro station and other transit service (Metro rail and bus, Ride-On bus, MARC, and AMTRAK).*
5. *BRT station is convenient and safe for pedestrians to access and use.*
6. *BRT integrates with bicycle routes and users.*