

Design Criteria Worksheet: BRT station

WHO

Who will use the BRT station?

What are their physical needs? What are their emotional needs? What are some key physical characteristics of the buildings's users and the bus riders?

Who will interact with the building and the bus riders?

What are their physical needs? What are their emotional needs? How will they interact with the building and the vehicles?

Who will own the building and pay for its construction and upkeep?

What is the budget for construction and upkeep? How long will they want the building to last? How would you describe their aesthetic preferences with respect to the building design?

Who will live or work in close proximity to the building?

What concerns might they have? How might a BRT station either please or annoy neighbors?

Who might support or oppose the construction of a BRT station here?

What are their reasons for support or opposition?

Who has influence over the type, size, and location of a BRT station?

What concerns might they have that will impact their decisions about type, size, and location?

WHERE

Where will the metro bus building be located?

How much space is available for the station? What are the annual weather conditions? What is the proximity to other people or buildings? What are the geologic conditions of the site? What are the traffic conditions near the site? What zoning restrictions impact the design? How will the site location impact the health and safety of the occupants? How will the site location impact the health and safety of people who interact with the station? What concerns might they have that will impact their decisions about type, size, and location?

Where will the bus building be constructed?

Will the building be constructed on site? Will the building be pre-manufactured and assembled on site?

WHAT

What types of materials are best suited for the BRT station?

Will the building require materials that are durable? Will the materials have to reflect a certain aesthetic? Will the budget limit the type of materials that can be used? Will certain materials pose a danger to the commuters or those who interact with the building? Will the building be permanent or temporary? Can recycled materials be used?

What types of designs and construction methods are best suited for the site?

What skills and equipment will the BRT station builders have?

What features will the building have to accommodate the needs of vehicles and riders?

What is required for the building to fulfill its essential functions?

WHY

Why is the community (or investor) interested in constructing a BRT station at this site?

Will the building be used for commercial purposes? Will the building be for public or private use? Will the building convey some type of message? What are the supposed benefits of this specific project? Will the building symbolize some type of attitude regarding environmental sustainability?

Why would communities or individuals be interested in building a BRT station?

What are some of the potential economic benefits of a BRT station? How does building a BRT station impact the broader community?