



visioning BRT

BUS RAPID TRANSIT STUDY

Planning & Programming Committee

March 17, 2021

Visioning BRT Study Overview



Study Purpose - Consistent with Measure M Countywide BRT Expansion Guidelines

- Define BRT
- Evaluate potential BRT corridors
- Provide the foundation for the assignment of Measure M BRT program funds

Study Outcomes

- BRT Standards
- Design Guidelines
- Identify and prioritize BRT corridors

What We Heard

- Connectivity is essential
- Coordinate with municipal operators and cities
- Benefits of BRT not well understood
- Leverage Metro policies
- Operational and design details should be sharpened
- The fundamentals matter



Provides the foundational definition of BRT

- Tiered to provide flexibility
- Use both prescriptive- and performance-based criteria

Dwell Time

Speed

On-Time Performance / Reliability

Headway

All-Door Boarding

Intersection Priority (TSP)

Dedicated Lanes

Branding

Station Amenities

BRT Design Guideline Manual



BRT Operating
Characteristics

BRT Running
Ways

BRT
Branding

Integration
of TOC

BRT ITS
Systems

BRT Stations
/ Platforms



Top 5 BRT Corridors



Corridor Prioritization

- Three-Step Screening Process
 - Demographics
 - Connectivity
 - Land Use
 - Equity
 - TOC
 - Transit Suitability
 - Trip Length
 - Travel Delay
 - Ridership
 - Field Checks
 - Public and/or Policy Support



Recommended Top Corridor

Broadway - 1st St to Imperial Hwy

- High network connectivity
- High equity score
- Next Gen Tier 1 corridor with five-minute frequencies
- Identified need to address bus delays due to congestion
- Opportunity to leverage planned city initiatives
- A future Alternatives Analysis could consider parallel corridors on both Figueroa and Main

Next Steps

- Continued coordination with current BRT corridor projects to ensure consistent application of standards and design guidelines
- Further refinement of the design guidelines into design criteria
- Return to the Board with a programming recommendation to advance the Broadway corridor into project development

