Fresno BRT Master Plan Project

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What is Bus Rapid Transit?

- “Bus Rapid Transit” (BRT) is an integrated system of facilities, equipment, services, and amenities that improve the speed, reliability, and identity of bus transit.
- BRT is, in many respects, rubber tired light rail transit (LRT) with greater operating flexibility and potentially lower costs.
Elements of BRT

- Running ways
- Faster service
- Accessible, safe, secure, and attractive stations
- Easy-to-board, attractive, and environmentally friendly vehicles
- Efficient fare collection
- ITS applications to provide real-time passenger information and transit signal priority
- Distinctive system identity such as branding of vehicles/station
Branding Concept
Vehicle Concepts

CIVIS VEHICLE - LOS VEGAS, NV
Vehicles are optically guided for a seamless ride and smooth stops. Vehicles are able to dock precisely with the station to ensure level boarding.

NABI 60’ BRT VEHICLE - LOS ANGELES, CA
Standard stylized BRT vehicle. CNG buses are clean burning and efficient vehicles used on Los Angeles’ Orange Line.

NEW FLYER BRT VEHICLE - EUGENE, OR
Recently opened EmX in Eugene-Springfield, Oregon. Vehicles have doors on both sides to accommodate both side and center platforms. Above is an example of a center platform.
Shelter Concepts

SILVER LINE - BOSTON, MA

MID-CITY RAPID BUS - SAN DIEGO, CA (Proposed)

ORANGE LINE - LOS ANGELES, CA

CURITIBA, BRAZIL
Low-Floor / Level Boarding Concept
Transit Signal Priority and Queue Jump Lanes Concept
Bus Arrival Information Concept

10 minute peak / 15 minute off-peak headways
Off-Vehicle Automatic Fare Collection System Concept

- Minimizes dwell times at stations
- Fare collection for BRT could be similar to proof-of-payment on light rail or trolley systems