East Bay
Bus Rapid Transit Project

Station Architecture Design Workshops
September 2012
Design Workshop Objectives

• Provide Project Overview
• Changes in Response to Community Feedback
• Present Station Architectural Concept
• Introduce Kit of Parts Approach
• Gather Community Input
East Bay Bus Rapid Transit Project
Downtown Oakland to Downtown San Leandro

Dedicated bus lanes
Dual – door buses
Level boarding buses
Safer crosswalks
New signals & timing
Better street lighting
Landscaped medians

Parking
Medians & Monument
Reliable service
Station location and spacing
Rider comfort and safety
BRT Provides Rail-Like Experience

- **Shelter, seating** → Provide comfortable place to wait
- **Off-bus fare payment** → Eliminate hassles and delays at farebox
- **Real-time arrival signs** → Reduce waiting anxiety
- **Cameras, lighting** → Provide safety and security at stations
BRT Provides Fast, Reliable Transit Service

- **Bus lanes** → Remove interference from traffic
- **Station spacing** → Maintain higher speed over longer stretches
- **Level boarding** → Quicker and easier to get on and off the bus
- **Traffic signal priority** → Reduce delays at signals
Project Description – Downtown Oakland-Downtown San Leandro

- 9.5 miles in Oakland and San Leandro
- Signal priority, off-board fare payment (limited on-board), level passenger boarding, air conditioning, safety and security features, pedestrian access improvements
- Dedicated bus lanes for 81% of corridor provide faster, more reliable travel
- \( \approx \$174 \) million capital investment
Specific Project Features

- 34 Rail-like Stations (~0.3 mile spacing)
- Same Fare as Local Service
- Transit Signal Priority
- 32 New traffic signals w/ pedestrian call buttons & countdown
- 15 New Pedestrian Signals
- Median Landscaping
- Pedestrian Crossing Improvements:
  - Curb Bulbs, Median Refuges, ADA Compliant ramps, High Definition Crosswalks
- Bike lanes per City Plan
New Dual-Door Buses

- Reduce parking loss
- Better traffic flow
- Preserve medians
- Improve access
Improve Public Safety & Access

- Emergency response vehicles in bus lane
- Safety improvements through lighting and visibility
- Pedestrian scale lighting
- Safer crosswalks and new bike lanes
- New traffic and pedestrian signals
- Safety cameras
- ADA Exemplary
Downtown Today

11th Street @ Harrison Street - simulation
Downtown

11th Street @ Harrison Street - simulation
Fruitvale Today

International Blvd. @ 34th Ave.
Elmhurst Today

International Blvd. @ 82nd Ave.
Elmhurst

International Blvd. @ 82nd Ave. - simulation

73rd Ave
77th Ave
82nd Ave
86th Ave
90th Ave
95th Ave
98th Ave
103rd Ave
Durant
Georgia

Elmhurst
Iveywood
San Leandro Today

International Blvd. @ Durant Ave.
Project Schedule

- Confirm Project Features – Jan 2013
- Complete engineering – 2014
- Construction – 2014-2016
- Open for service – 2016
Station Architecture

- Guiding Principles
- Architectural Style Review Process
- Preview of Canopy Style
- Kit of Parts Approach
- Your Input
Station Architecture

• Guiding Principles—what all stations must do
  – Protect passengers from the elements
  – Create a safe, well-lit environment to minimize opportunity for crime
  – Provide adequate access in full compliance with ADA regulations
  – Provide clear station identification
  – Be consistent throughout the line
  – Minimize O&M costs
  – Provide proof of payment areas
  – Attract new riders
Station Architecture

• Platform Design Parameters
  – Median Stations
    • Platforms are 12 feet wide by 60 feet long, and serve both directions of travel
  – Curbside Design
    • Curbside Platforms are 8 feet wide by 60 feet long, and will have similar features to median platforms
Station Examples
Station Architecture
Station Architecture
Kit-of-Parts Approach
Kit-of-Parts Approach

All stations have these elements
Kit-of-Parts Approach

Opportunities for customization
The Parts in the Kit of Parts

BENCHES

TRASH CANS
The Parts in the Kit of Parts

CUSTOMIZED HANDRAILS

BOLLARDS

LIGHTING
The Parts in the Kit of Parts

SCREENS AND OTHER SURFACE TREATMENTS
The Parts in the Kit of Parts

CANOPY GLASS

SIGNAGE
Kit-of-Parts – Infrastructure and Amenities

- Colors
- Landscaping
- Paving
- Windscreens
- Trash
- Benches
- Signage
- Railings
The Station Concept
Community Feedback

• Visit the exhibits
• Give your input
• Send in a comment card

Design continues
November Workshops

Visit us at www.actransit.org, or email to brt@actransit.org