East Bay Bus Rapid Transit

presented to
Alameda County Northern Transportation Forum

presented by
AC Transit

October 21, 2010
BRT Provides Fast, Reliable Transit Service

Efficient station spacing (average 4 blocks)
BRT is designed like rail systems

Ticket machines

Real-time arrival signs

Shelter, lighting, security

Level boarding
BRT in the United States

Eugene, Oregon

Los Angeles, California

Cleveland, Ohio

Las Vegas, Nevada
East Bay BRT Project

- Bus Route
- Dedicated Bus Lanes

Map showing the route from Berkeley to San Leandro via Oakland.
Centrally located - 40% of Oakland Residents Live Within ½ Mile of BRT
Reach More Places Quickly

More places within 20 minutes of Downtown Oakland

> Easier access to jobs
> Easier access to schools
> Easier access to shopping
> Easier access to entertainment and recreation

Estimated Average Travel Times to and from 14th & Broadway
(Year 2025 peak period, including wait time)
And More Reliably

- **Bus lanes** → Remove interference from traffic
- **Level boarding** → Quicker and easier to get on and off the bus
- **Off-bus fare payment** → Eliminate hassles and delays at farebox
- **Traffic signal priority** → Reduce delays at signals
Supports Pedestrian Friendly Cities & Attracts Investment

Provides focal points for pedestrian scale development

MacArthur Transit Village
Uptown Project
Fruitvale Transit Village
Neighborhood Revitalization

Supports Oakland & redevelopment programs

Broadway/MacArthur/San Pablo
Central District
Central City East
Coliseum
Beautify Street & Increase Pedestrian Safety

- Refurbish or expand landscaping medians
- Improves all existing and planned crosswalks & creates safe pedestrian refuges
- Adds new traffic & pedestrian signals
- Reduces car crashes and pedestrian injuries
Creates Well-Paying Green Jobs

- Over $200 million invested in East Bay communities
- Fully employs 300 construction workers for a 3-year construction period
- Creates 2,200 person-years of total employment (Includes, services, retail, manufacturing, etc.)
- Preserves permanent jobs for bus drivers, mechanics and other workers
- Attracts private and public investment in neighborhoods
Helps the Environment

- BRT reduces vehicle travel by 9,300 trips per day
- Reduces vehicle travel by 21,000 miles per day
- Reduces pollutants that contribute to asthma & other diseases

Fuel Consumption

Down 210,000 gallons per year*

Greenhouse Gas Production

Down 1,900 tons of CO₂ per year**

* CO₂ and CO₂ equivalents; estimated using US EPA methodology.
East Bay BRT Timeline

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Identify Refined Alternative for FEIS/R</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prepare FEIS/R</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Preliminary Engineering</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Final Design</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Thank You!

For more information, see:

www.acttransit.org

or

www.actforme.org