Alameda County Transportation Commission
South County Transportation Forum
July 26, 2012

Warm Springs Extension Project

WSX Project Update
Alignment

Fremont Station
Yellow: Fremont Central Park Subway
Blue: Line, Track, Station and Systems
Red: BART Overpass (City of Fremont Grade Separation Project)

North Ventilation Structure
North Subway Portal
South Ventilation Structure
South Subway Portal
Warm Springs Extension
BART Overpass
Fremont Central Park
Lake Elizabeth
Irvington Station (Future)
Warm Springs/ South Fremont Station

Tie-in Point for Future SVBX Project
**WSX Project Benefits**

- Maximize opportunities to foster “smart growth”.
- Enhance transit opportunities.
- Relieve overall traffic congestion.
- Increase new transit trips in Alameda County.
- Reduce the emission of greenhouse gases, toxic air contaminants, reactive organic gases, oxides of nitrogen, and particulate matter.
- Facilitate decrease in transportation energy consumption & increase energy efficiency.
- Decrease in annual automobile and bus vehicle miles travelled.
- Create jobs.
- Serve as a gateway for BART service into Santa Clara County.

**WSX Project Funding**

<table>
<thead>
<tr>
<th>Current Funding</th>
<th>Amount (Millions)</th>
</tr>
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<tbody>
<tr>
<td>Alameda County 2000 Measure B Tier 1</td>
<td>$220.2</td>
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<tr>
<td>State Traffic Congestion Relief Program (TCRP)</td>
<td>$100.6</td>
</tr>
<tr>
<td>Regional Measure 1 Bridge Tolls</td>
<td>$118.0</td>
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<tr>
<td>Alameda County Congestion Management Agency (CMA)</td>
<td>$2.2</td>
</tr>
<tr>
<td>Proposition 1B 50% Revenue-Based (BART), 50% Population-Based (MTC)</td>
<td>$40.0</td>
</tr>
<tr>
<td>Regional Measure 2 Bridge Tolls (Includes $11M Dumbarton Swap)</td>
<td>$176.0</td>
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<tr>
<td>Proposition 1B State Local Partnership Program (SLPP) (MTC $48M, ACTIA $36M, SCVTA $16M)</td>
<td>$36.0</td>
</tr>
<tr>
<td>BART Agency Contribution</td>
<td>$24.0</td>
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<tr>
<td><strong>Total Current Funding</strong></td>
<td><strong>$767.0</strong></td>
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</tbody>
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**Unfunded Program Reserve/Future Programming**

<table>
<thead>
<tr>
<th>Current Funding</th>
<th>Amount (Millions)</th>
</tr>
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<tbody>
<tr>
<td>State Transportation Improvement Program (STIP)</td>
<td>$69.0</td>
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<tr>
<td>San Francisco Airport Extension Surplus Revenues ($27M MTC Advance, $27M ACTIA/BART Advance)</td>
<td>$54.0</td>
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<tr>
<td><strong>Total Unfunded Program Reserve/Future Programming</strong></td>
<td><strong>$123.0</strong></td>
</tr>
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**Total Warm Springs Funding**

- **$890.0**
WSX Estimated Project Costs

<table>
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<th>Amount (Millions)</th>
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<tbody>
<tr>
<td><strong>Conceptual Engineering/Environmental Studies</strong></td>
</tr>
<tr>
<td><strong>Design Engineering (Bid Document Preparation)</strong></td>
</tr>
<tr>
<td><strong>Construction (Including Contingency and Related Soft Costs)</strong></td>
</tr>
<tr>
<td><strong>Right of Way Acquisition and Agreements</strong></td>
</tr>
<tr>
<td><strong>Reserve/Transit Vehicles</strong></td>
</tr>
<tr>
<td><strong>Total</strong></td>
</tr>
</tbody>
</table>

WSX Project Update Schedule

- **Subway Contract**
  - Permits/Agreements/ROW Certification & Bid Document Preparation (1Q 2007 to 4Q 2008)
  - Advertisement/Award/Notice to Proceed (1Q 2009 to 2Q 2009)
  - Subway Construction (43 Months)

- **LTSS Contract**
  - Secure Funding, ROW Cert & Bid Doc Prep (1Q 2007 to 1Q 2010)
  - RFQ/RFP/Award/Notice to Proceed (2Q 2010 to 2Q 2011)
  - Design/Build Construction (51 Months)
  - Begin Revenue Service (4Q 2015)
WSX Project Update
Trackway Embankment at South Tule Pond

WSX Project Update
Excavation Support System
WSX Project Update
Lake Elizabeth Restored & UPRR Re-aligned

WSX Subway Work Progress
Subway Construction
WSX Project Update
Warm Springs/South Fremont Station Site

WSX Warm Springs Station Simulation
Warm Springs/South Fremont Station Art Glass

For More Information
  - BART Website www.bart.gov/wsx
  - Information Line 510.476.3900
  - Fax 510.287.4747
  - Email Address bartwarmspringsextension@bart.gov