Tucson Modern Streetcar Rail-Volution Conference
“Implementing Streetcar Projects”
October 18, 2011
Project Details

- Alignment length: 3.9 miles
- 17 stations
- MSF located south of 8th St
- 7 modern streetcars, including 1 spare
- Peak/off-peak headways: 10/20 minutes
- Opening day ridership estimate: 3,600 per weekday
Project Benefits

• Connects major activity centers
• Extends UA campus & expands student housing
• Connects major research and health care facilities
• Adds 1,480 long term jobs
• Connects transit, bike & bike options with easy swipe, one fare card
• Reduces parking challenges
• Reduces greenhouse gases
Project Partners

- Regional Transportation Authority
- Federal Transit Administration
- City of Tucson
- Arizona Dept of Transportation
- The University of Arizona
- Elected Officials
  - Local, regional, state & federal
- Community Liaison Group (CLG)
  - Community stakeholders
- Technical Advisory Committee (TAC)
  - Agency stakeholders
- Stakeholders along the route
<table>
<thead>
<tr>
<th>Project</th>
<th>Year</th>
<th>Quarter</th>
<th>Status</th>
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<tbody>
<tr>
<td>Maintenance &amp; Storage Facility</td>
<td>2010</td>
<td>1st Qtr</td>
<td>Design &amp; Permitting</td>
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<tr>
<td>Cushing Street Bridge</td>
<td>2011</td>
<td>2nd Qtr</td>
<td>Design to 100%</td>
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<tr>
<td>Line Construction</td>
<td>2011</td>
<td>3rd Qtr</td>
<td></td>
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<td>8th St. Drainage</td>
<td>2012</td>
<td>1st Qtr</td>
<td>3rd Party: Design</td>
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<td>Special Track Rail Procurement</td>
<td>2013</td>
<td>4th Qtr</td>
<td>Construction</td>
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<tr>
<td>Vehicles</td>
<td>2010</td>
<td></td>
<td>Vehicle Manufacturing</td>
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<tr>
<td></td>
<td>2011</td>
<td></td>
<td>Testing</td>
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<td>2012</td>
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FTA Development Process

- Alternatives Analysis
- Locally Preferred Alternative
- Circulate Draft EA
- Small Starts Documentation
- Final EA / FONSI
- Project Development Approval
- Advanced Design
- Construction Grant Agreement
- Construction
- Operation
Project Funding

Local funding sources

• $75 million – Regional Transportation Authority (RTA) - capital
• $14 million – Cushing Street Bridge
• $11 million – Public utilities
• $3.2 million – The Gadsden Company

Federal funding sources

• $63 million – TIGER Grant awarded Feb 2010
• New Starts “Exempt” project - received $6 million of $25 million in appropriations to date

Other funding sources

• $4.6 million - City of Tucson grants and other programs
Project Implementation Issues

- Safety and Security
- University of Arizona
- Private Sector Development
Safety and Security

• Safety and security must be incorporated in all facets of project from design and construction to public art
• Formed Safety and Security Review (SSRC) to
  • Complete Threat and Vulnerability Assessment and identify measures to mitigate these threats
  • Conduct an analysis of all specifications and plans to certify them
  • Participate in transit system security training conducted by the Transportation Safety Institute, Tempe, Arizona
University of Arizona

- Key stakeholder and landowner
- Extensive coordination of route
- Meetings held on a monthly basis for over two years
- Three IGA’s signed with UA
  - Real Estate
  - Construction
  - Operation

New UA Downtown Campus Building
Private Development

- Evolving private sector development
- Changing participation and cost issues
- Development along route not fully defined
- Supports Transportation Oriented Development
- Mixed use development
- 1200 + new student apartments
- EL Mercado District
  - Farmers’ Market
  - New restaurants
  - Lofts
Thank You

For more information please visit or call:

Project Website - [www.tucsonstreetcar.info](http://www.tucsonstreetcar.info)
Project Info Line - (520) 624-5656

at Facebook.com/tucsonstreetcar

@TucsonStreetcar