RCTC Toll Program and Projects
for
CMAA Southern California Chapter

October 13, 2011
Presentation Agenda

I-15 Corridor Improvement Project

SR-91/71 Interchange Improvements Project

SR-91 Corridor Improvement Project
Why Tolling?

Limited funding
- Gas tax erosion
- Highway Trust Fund
- State budget woes
- Measure A can’t fund everything

Tolling precedent
- User-based financing
- Southern California
- National

Build more improvements
- Leverage Measure A to funds to develop larger projects

Access to alternate funding sources
- toll revenue bonds
- federal loans (TIFIA)
I-15 Corridor Improvement Project

(1) Project Limits:
SR-60 to I-215

General Purpose and Express Lanes:
SR-60 to SR-74

Carpool Lanes:
SR-74 to I-215

(2) Tolling Authority:
I-15 throughout Riverside County
Existing I-15:
Three mixed flow / general purpose lanes in each direction
I-215 to San Bernardino County line
Proposed I-15:
two Express Lanes and one mixed flow lane each direction SR-60 to SR-74
one carpool lane each direction SR-74 to I-215
(Note: Alternative 2 shown, Alternative 1 replaces Express Lanes with a single carpool lane from SR-60 to SR-74)
Value Pricing Pilot Program Application + FHWA / Caltrans/RCTC Agreement = Federal Tolling Authority (2009)

State and Federal Tolling Authority

AB1467 (Nunez ‘06) HOT lane pilot program, CTC approved RCTC application + AB1954 (Jeffries ‘08) Legislature ratified CTC approval under AB1467 = State Tolling Authority (2009)
Cost and Funding

Cost: $1.84 billion
- planning level estimate
- toll and general purpose lanes
- right-of-way, design, construction
- management, construction

Funding:
- Measure A
- toll revenue bonds
- federal loan (TIFIA)
- Possible state/federal grant funds
Next Steps...

- **Continue Environmental Clearance Work**
  - Started April 2008
  - Currently submitting technical studies
  - Estimated completion 2014

- **Establish Project Phasing Approach**
  - Consistent with:
    - current T&R study
    - financial model results
    - Measure A commitments
    - Measure A timing
SR-91/71 Interchange Improvements Project

- **REALIGNMENT OF SR-71 TO ACCOMMODATE NEW CONNECTOR**
- **NEW CONNECTOR FROM EASTBOUND SR-91 TO NORTHBOUND SR-71**
- **NEW GREEN RIVER ROAD ON-RAMP TO SR-71**
- **NEW GREEN RIVER ROAD ON-RAMP TO SR-91**
Project Funding and Cost

PA&ED:
- $5,273,000

PS&E:
- $11,700,000

ROW:
- $2,745,000

State:
- STIP-RIP
  - $5,273,000

Federal:
- Earmarks
  - $13,486,000

Local:
- Measure A
  - $959,000

Fully-funded
## Project Schedule

<table>
<thead>
<tr>
<th>Year</th>
<th>Activity</th>
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<tbody>
<tr>
<td>2006</td>
<td>Complete Project Study Report</td>
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<tr>
<td>2008-2011</td>
<td>Complete Project Report and Environmental Document</td>
</tr>
<tr>
<td>2011-2013</td>
<td>Final Engineering Design and Right-of-Way Acquisition</td>
</tr>
<tr>
<td>2013-2016</td>
<td>Project Construction and Completion</td>
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SR-91 Corridor Improvement Project

Tolled Express Lanes
- Extend existing 91 Express Lanes
- Direct connector for express lanes
- Toll operations center
- Customer service center

General Purpose Improvements
- Freeway widening
- Interstate 15/State Route 91 interchange
- Local interchanges
- Auxiliary lanes, collector-distributor system
- Frontage road and local road
Alternative 1
• Add one General Purpose Lane in each direction

Alternative 2 (Shown)
• Add one General Purpose Lane and two Tolled Express Lanes in each direction
Authority to Implement

- 2006 Toll program – Board approval
- 2008 State tolling authority
- 2009 Federal tolling authority
- 2010 Design-Build authority
Authority to Implement

2008 State Tolling Authority

- SB 1316 (Correa), bill signed 2008
- Authorize to toll, issue bonds
- Tolls to be used within the corridor
- Franchise agreement rights
- Express Lanes revert to Caltrans in 50 years
Authority to Implement

2009 Federal Tolling Authority

- Various federal toll programs
- Section 129 program
- Three-party agreement: FHWA, Caltrans, RCTC, August 18, 2009
- Stipulates use of toll revenues
- Maintenance of facility
2010 Design-Build Authority

- SB 4 – passed February 2009
- Established statewide DB and P3 demonstration programs
- CTC approved RCTC application
- SB 1316 – passed September 2010
- Established RCTC’s specific DB authority for the SR-91 CIP
Project Milestones
Design-Build Procurement

Step 1 RFQ
- 2010/2011
- Four Pre-qualified Teams

Step 2 RFP
- Bid, Schedule, and Technical Factors

Selected Design-Builders
- Shimmick Construction Company, Inc.
  Obayashi Corporation
  FNF Construction, Inc.
  • Biggs Cardosa Associates, Inc.
  • MTS Engineers, Inc.
  • BKF Engineers
- Atkinson Contractors, LLP
  Walsh Construction Company
  The Walsh Group
  Clark Construction Group, LLC
  • URS
- Kiewit Infrastructure West Co.
  Brutoco Engineering and Const., Inc.
  Riverside Construction Company, Inc.
  • HNTB Corporation
- Flatiron West, Inc.
  Skanska USA Civil West
  Steve P. Rados, Inc.
  • AECOM
  • CH2M Hill
**OCTA and RCTC Cooperative Agreement**

<table>
<thead>
<tr>
<th>Define agency roles and responsibilities for the 91 Express Lanes extension</th>
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<tbody>
<tr>
<td>• Design phase</td>
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<tr>
<td>• Construction phase</td>
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<tr>
<td>• Operations and maintenance phase</td>
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<tr>
<th>Share costs and revenues</th>
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<tr>
<td>• A joint operation provides benefits to the customers of both agencies</td>
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<tr>
<td>• Documented in the agreement</td>
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<th>Provide a framework for cooperation</th>
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<td>• Foster bi-county partnership</td>
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<tr>
<td>• Recognize needs of OCTA and RCTC</td>
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<tr>
<td>• Realize joint benefits and economies of scale</td>
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<th>Customers and operations</th>
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<td>• Ensure a seamless customer experience</td>
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<tr>
<td>• Coordinate operations between segments</td>
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OCTA and RCTC Cooperative Agreement

- OCTA and RCTC each with tolling rights in their respective county
- One operator for the entire 91 Express Lanes facility
- Shared facilities – Traffic Ops. Center, Customer Service Center
- Shared customers, account rules, and operating rules
- Similar toll policy, separate toll rates, separate financings
- Joint marketing of the 91 Express Lanes
- Shared vendor contracts
## Project Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>October 11, 2011</td>
<td>Submit Final Environmental Document (FEIR/FEIS)</td>
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<tr>
<td>October 31, 2011</td>
<td>Submit TIGER III TIFIA application</td>
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<tr>
<td>December 2011/January 2012</td>
<td>Receive TIFIA Invitation (full project funding)</td>
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<tr>
<td>January 2012</td>
<td>Issue Industry Review RFP for Design-Build Contract</td>
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<tr>
<td>May/June 2012</td>
<td>Environmental Approval (Record of Decision)</td>
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<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; quarter 2013</td>
<td>Design-Build Contract Award</td>
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<tr>
<td>2&lt;sup&gt;nd&lt;/sup&gt; quarter 2013</td>
<td>Financial Close (bond sales, TIFIA loan funds available)</td>
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Questions?

THANK YOU

Michael Blomquist, PE
Toll Program Director