WHAT’S IN THE FUTURE FOR BORDER TRANSPORTATION?

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Association of Environmental Professionals
Cities in Transition – Borders in Transition Panel
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OVERVIEW

• Highlighting our border region’s success
  • Completed Border Projects
  • Projects Under Construction
  • Projects Under Development
• Otay Mesa East Port of Entry
COMPLETED PROJECTS: SR 125

COMPLETED PROJECTS: SR 905
COMPLETED PROJECTS:
TROLLEY BLUE LINE

San Diego County-Baja California Land Ports of Entry

COMPLETED PROJECTS:
CROSS BORDER XPRESS
COMPLETED PROJECTS: SR 11 (SEGMENT 1)

COMPLETED PROJECTS: CORREDOR 2000 TIJUANA-ROSARITO
COMPLETED PROJECTS:
SAN YSIDRO PORT OF ENTRY (PHASE I)

PROJECTS UNDER CONSTRUCTION:
SAN YSIDRO PORT OF ENTRY (PHASES II AND III)
PROJECTS UNDER CONSTRUCTION:
SOUTH BAY RAPID

PROJECTS UNDER DEVELOPMENT:
RUTA TRONCAL
PROJECTS UNDER DEVELOPMENT: OTAY MESA EAST POE

EXISTING BOTTLENECKS – NB COMMERCIAL TRAFFIC
PROJECT PARTNERS: SANDAG & CALTRANS

Project Delivery Team
- SR 11/Otay Mesa East POE Project

Mexico Coordination/Partnership
- Intelligent Transportation Systems Team

Financial Strategy Team

Environmental Studies
- NEPA/CEQA
- FHWA/Caltrans

Roadway Engineering
- Project Report
- FHWA/Caltrans

Port of Entry
- Architectural/Program Development Study
- GSA/CBP/Caltrans/SANDAG

Traffic & Revenue Study
- SANDAG/Mexico

Legal Counsel
- SANDAG

Investment Bankers
- SANDAG

ITS Pre-Deployment Study
- SANDAG/Mexico

ACCOMPLISHMENTS

SANDAG Toll Authority Legislation Approved (SB 1486)

California Transportation Commission (CTC) approved implementation of the project in multiple segments

MOU signed between California and Mexico to form a binational oversight committee to expedite project delivery

Investment grade Traffic and Revenue Study completed

SANDAG completed a study on the economic impacts of border wait times

Obtained U.S. Presidential Permit

Environmental Report (EIS/EIR) completed

Segment I groundbreaking

2006 2007 2008 2009 2010 2011 2012 2013 2014
T&R STUDY – CURRENT NORTHBOUND DELAYS

• Rising volumes cause high delays that travelers experience at the border
  • Significant delays prior to reaching inspection facilities at the POE (northbound direction)
• Surveys conducted by the study team confirm these observations

<table>
<thead>
<tr>
<th>Period</th>
<th>Passenger Vehicles</th>
<th>Commercial Vehicles</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Average Delay</td>
<td>Range of Delay</td>
</tr>
<tr>
<td></td>
<td>(minutes)</td>
<td>(minutes)</td>
</tr>
<tr>
<td>Peak Period</td>
<td>65</td>
<td>40 – 120</td>
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NB PASSENGER TRAFFIC & TOLL RATES BY TIME OF DAY 2017 (MEDIAN TOLL $2.35)
NB COMMERCIAL TRAFFIC & TOLL RATES BY TIME OF DAY 2017 (MEDIAN TOLL $15.45)

T&R STUDY – REVENUE FORECAST

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>40-Year Revenue Estimate (in millions of 2012 dollars)</th>
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<tbody>
<tr>
<td>Passenger Vehicles</td>
<td>$ 3,225</td>
</tr>
<tr>
<td>Commercial Vehicles</td>
<td>$ 1,006</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$ 4,231</td>
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</tbody>
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Baseline revenue results for 40 years of operation, by direction of flow:

- Northbound: $423 (10%)
- Southbound: $3,808 (90%)
THE PATH FORWARD – NEXT STEPS

- Binational Financing U.S. / Mexico financial feasibility and strategy
- Ongoing Negotiations and Agreements
- Border Wait Time Pilot Bluetooth border wait time monitoring pilot
- Segment I Complete Completion of the first segment of SR 11
- Mexico Construction Roadways and Mesa de Otay II POE
- U.S. Construction SR 11 and Otay Mesa East POE
- Completion of Segments 2 & 3 Binational POE opens to traffic 2017/2018

HIGH LEVEL ECONOMIC DIALOGUE

HLED: Priorities 2015

- Modern Border
- Energy
- Regional and Global Leadership
- Workforce Development
- Stakeholder Participation
- Regulatory Cooperation
THANK YOU!!
Charles “Mugs” Stoll, SANDAG