California State Rail Plan

California Transportation Commission
March 15-16, 2017
Overview: Coordination Among State Plans

California Transportation Plan 2040
Integrating California’s Transportation Future

California State Rail Plan 2018

California Sustainable Freight Action Plan

California Freight Mobility Plan
December 2014
Overview: Rail Plan Scope

– Establishes strategic vision for statewide rail network

– PRIIA (Passenger Rail Investment and Improvement Act)
  • Short and long-term Rail Investment Plan
  • Analysis of “Program Effects”

– AB 528: state-specific requirements
  • 10-year intercity rail capital plan
  • Passenger rail network integration
Overview: Passenger Rail Network Integration

- Meeting Customer Expectations
- Synchronized Timetables
- Integrated Mobility Solution
- Co-opetition
- Strategic Planning
- Consensus Vision
Rail Plan Vision

California will have a premier, customer-focused, integrated rail system that successfully moves people and products while enhancing economic growth and quality of life.
Rail Plan Vision: Network Goals

• **Connect California’s communities**
  - Provide access to 90 percent of residents
  - Develop emerging regional rail networks

• **Mode share shift**
  - Increase rail share of travel market
  - Leverage freight rail capacity enhancements

• **Efficiency and effectiveness**
  - More intensive utilization
  - Infrastructure savings
  - Higher frequencies
  - More riders driving down costs and subsidies
Rail Plan Vision: Passenger Rail Key Features

- Integrated Statewide Network
- High Speed Rail
- Express and Local Services
- Integrated Express Bus
- Multimodal connection points
- Regular pulsed service
- Key hubs
- Mass Transit Connections
- Auto and air competitive
## Rail Plan Vision: Statewide Travel Competitiveness

<table>
<thead>
<tr>
<th>Route</th>
<th>Train &lt;2.7 Hours</th>
<th>Air 3.5 Hours</th>
<th>Car &gt;5.5 Hours</th>
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</thead>
<tbody>
<tr>
<td>Los Angeles to San Francisco</td>
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<tr>
<td>San Jose to San Diego</td>
<td>&lt;4 Hours</td>
<td>3.5 Hours</td>
<td>&gt;7 Hours</td>
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<tr>
<td>Ontario to Sacramento</td>
<td>&lt;4 Hours</td>
<td>3.5 Hours</td>
<td>&gt;6.5 Hours</td>
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<tr>
<td>Fresno to San Francisco</td>
<td>&lt;2 Hours</td>
<td>3 Hours</td>
<td>&gt;3 Hours</td>
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Rail Plan Vision: Freight System Opportunities

- Trade Corridor Improvements
- Economic Development and Short Lines
- Grade Crossing Improvements
- Terminal and Yard Capacity
- Short Haul Services
Investment Strategy: Phasing of the Vision Plan

- Base Year
- Near Term (2022)
- Mid Term (2027)
- Vision (2040)

Service Level vs. Time Horizon

Derive
Investment Strategy: Principles

Tailored to market demand

- Maximize shared corridor benefits
- Avoid redundant infrastructure
- Minimize temporary investments
Investment Strategy: Passenger Network

2022 Short Term Plan:
• Planned & committed projects
• Service Implementation Planning
• Integrated ticketing investments

2027 Mid-Term Plan:
• Funding Reasonably Expected
• Full utilization of existing capacity
• High Speed Rail Phase 1
• Connectivity improvements
• Fully develop integrated ticketing

2040 Long-Term Vision
• High Speed Rail Phase II
• Expansion of network capacity
• Regional network implementation
Investment Strategy: Freight Rail Investment

2022 Short Term Plan:
• Existing rail bottlenecks
• Safety
• Established funding sources

2027 Mid-Term Plan:
• Expansion of freight capacity
  o TCIF-type freight program
• Investment in shared rail corridors

2040 Long-Term Vision
• Full realization of trade corridor improvements
• Shared corridor expansion
• Interregional transportation corridors
Rail Plan Performance: Baseline 2040 Ridership

- Results show moderate increase in rail ridership demand due to population growth
- However, market potential for networked services is unrealized
Rail Plan Performance: Integrated Network 2040 Scenario

- Result of integration and HSR shows **huge increase** in rail ridership demand

- Satisfies a **large market potential** for **networked services**
Upcoming Outreach: Public Review & Comment

• Public Review and Comment Period
  • 60 days

• Public Comment
  • Online
  • Public Meetings

• Public Meetings – 7 locations
  • Southern CA meetings – Late April
    San Diego, San Bernardino, Los Angeles, San Luis Obispo
  • Northern CA meetings and webinar – Early May
    Fresno, Oakland, Sacramento

• Native American Tribal Consultation
# Project Schedule

<table>
<thead>
<tr>
<th>Project Milestones</th>
<th>Timeframe</th>
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<tbody>
<tr>
<td>Development of Draft</td>
<td>June 2016 - March 2017</td>
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<tr>
<td><strong>Release of Public Review Draft</strong></td>
<td><strong>April 2017</strong></td>
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<tr>
<td>Public Comment Period</td>
<td>60 Days</td>
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<tr>
<td><strong>Public Workshops on Draft CSRP</strong></td>
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<tr>
<td>Revision of Draft</td>
<td>June – August 2017</td>
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<tr>
<td>CTC, FRA &amp; CalSTA Reviews Submittal to Legislature</td>
<td>September 2017 Winter 2017/ Spring 2018</td>
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Questions?