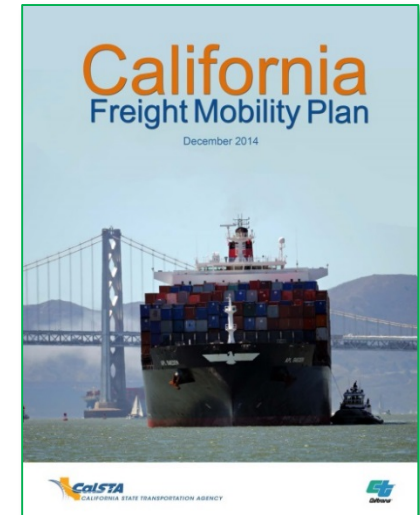
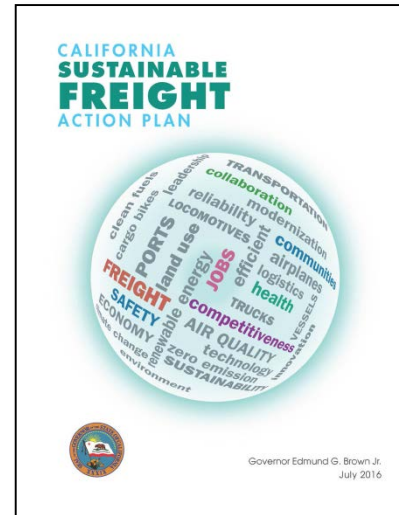
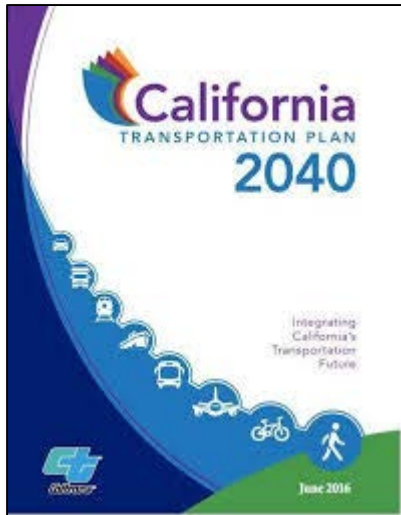


California State Rail Plan

California Transportation Commission
March 15-16, 2017



Overview: Coordination Among State Plans



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: Statewide Travel Competitiveness

Los Angeles to San Francisco	 <2.7 Hours	 3.5 Hours	 >5.5 Hours
San Jose to San Diego	 <4 Hours	 3.5 Hours	 >7 Hours
Ontario to Sacramento	 <4 Hours	 3.5 Hours	 >6.5 Hours
Fresno to San Francisco	 <2 Hours	 3 Hours	 >3 Hours

Rail Plan Vision: Freight System Opportunities

Trade Corridor
Improvements

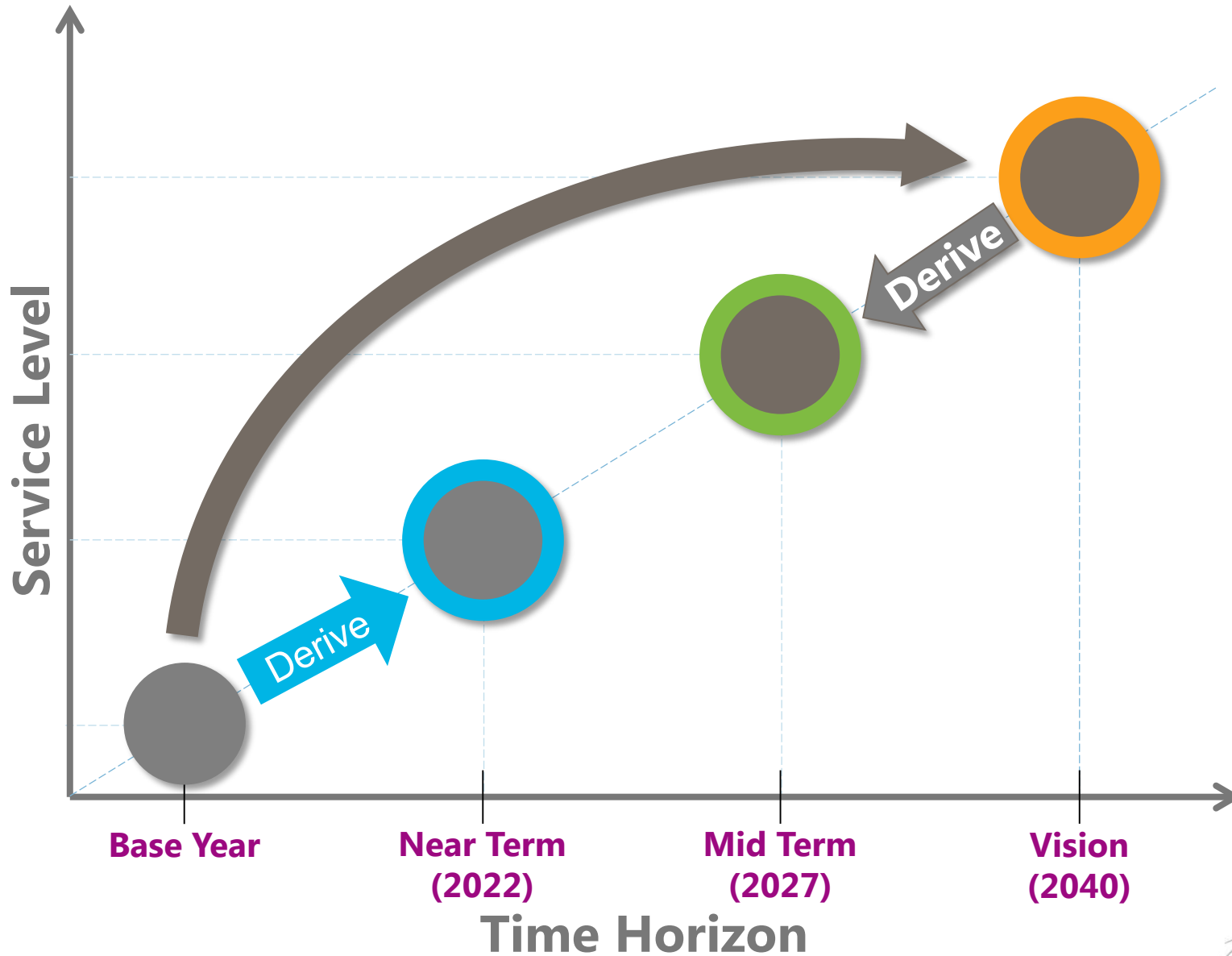
Economic
Development
and Short Lines

Grade Crossing
Improvements

Terminal and
Yard Capacity

Short Haul
Services

Investment Strategy: Phasing of the Vision Plan



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:

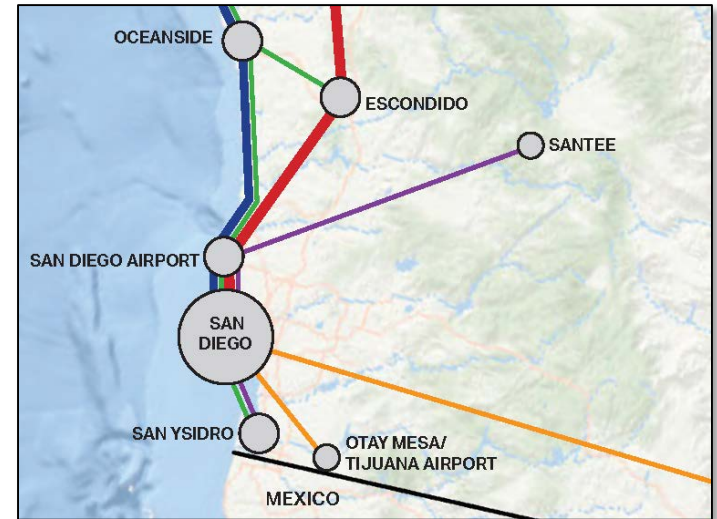
- Planned & committed projects
- Service Implementation Planning
- Integrated ticketing investments

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:

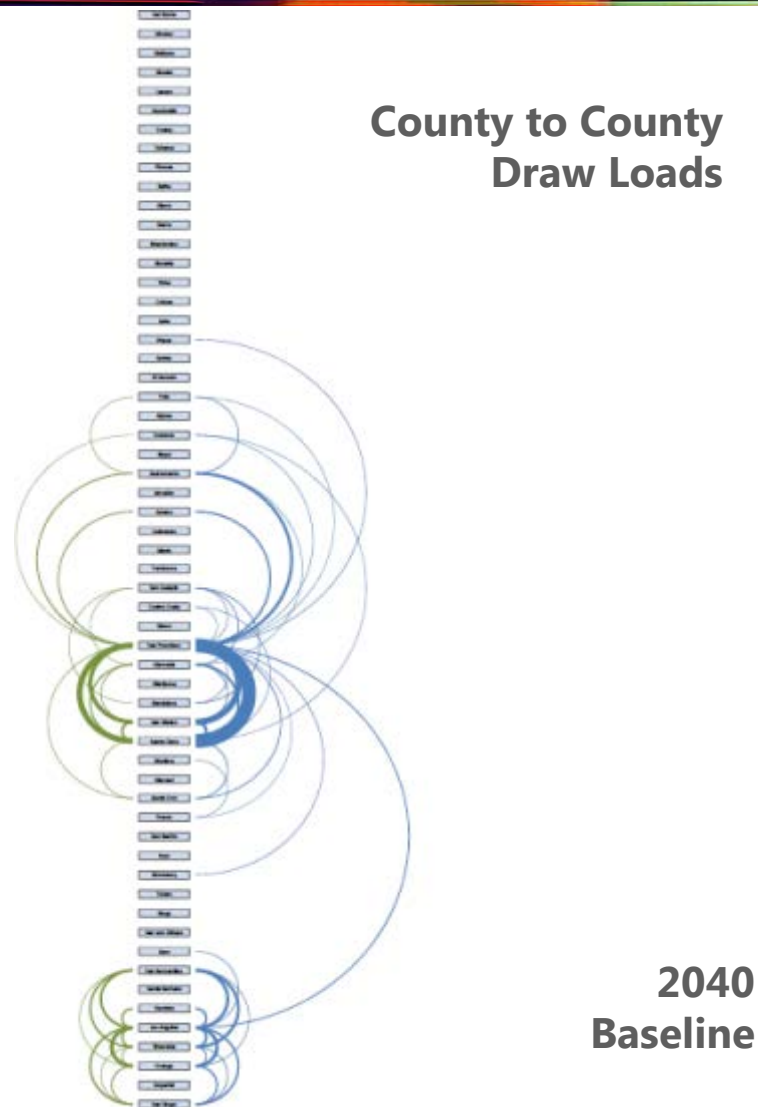
- Expansion of freight capacity
 - TCIF-type freight program
- Investment in shared rail corridors

2040 Long-Term Vision

- Full realization of trade corridor improvements
- Shared corridor expansion
- Interregional transportation corridors

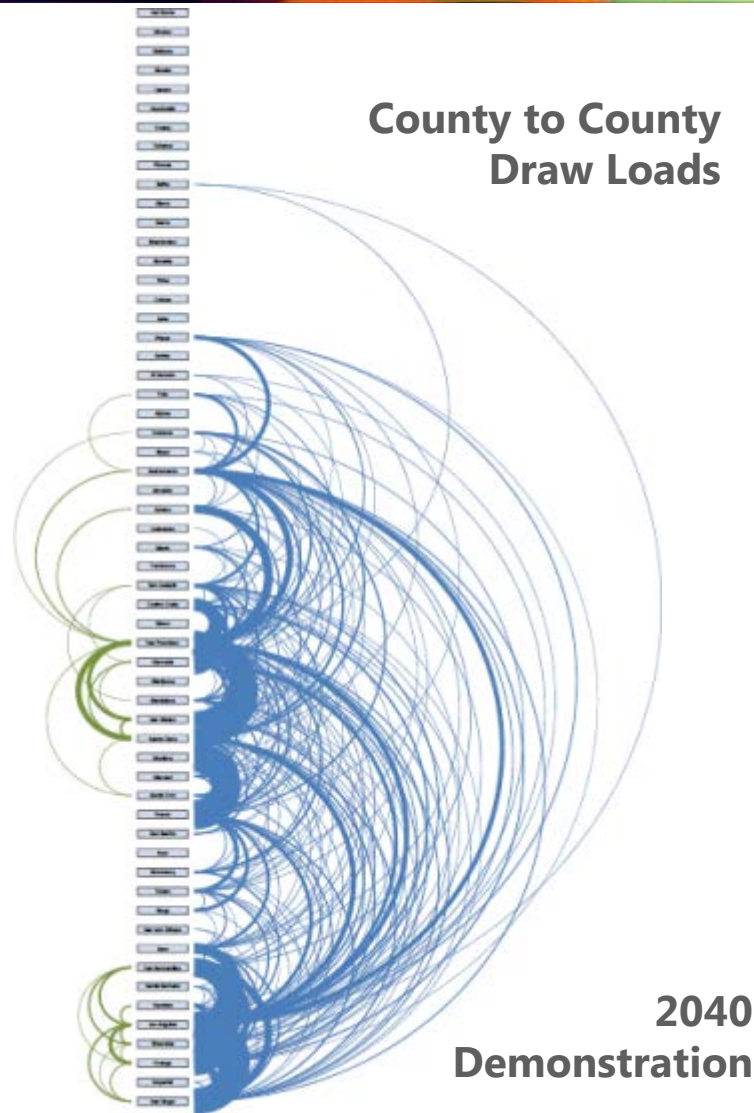


Rail Plan Performance: Baseline 2040 Ridership



- Results show moderate increase in rail ridership demand due to **population growth**
- However, market potential for networked services is **unrealized**

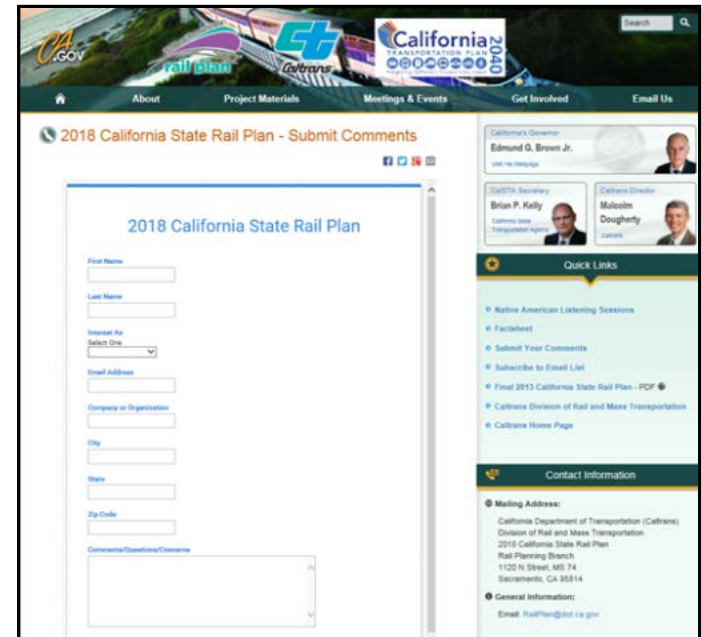
Rail Plan Performance: Integrated Network 2040 Scenario



- Result of integration and HSR shows **huge increase** in rail ridership demand
- Satisfies a **large market** potential for **networked services**

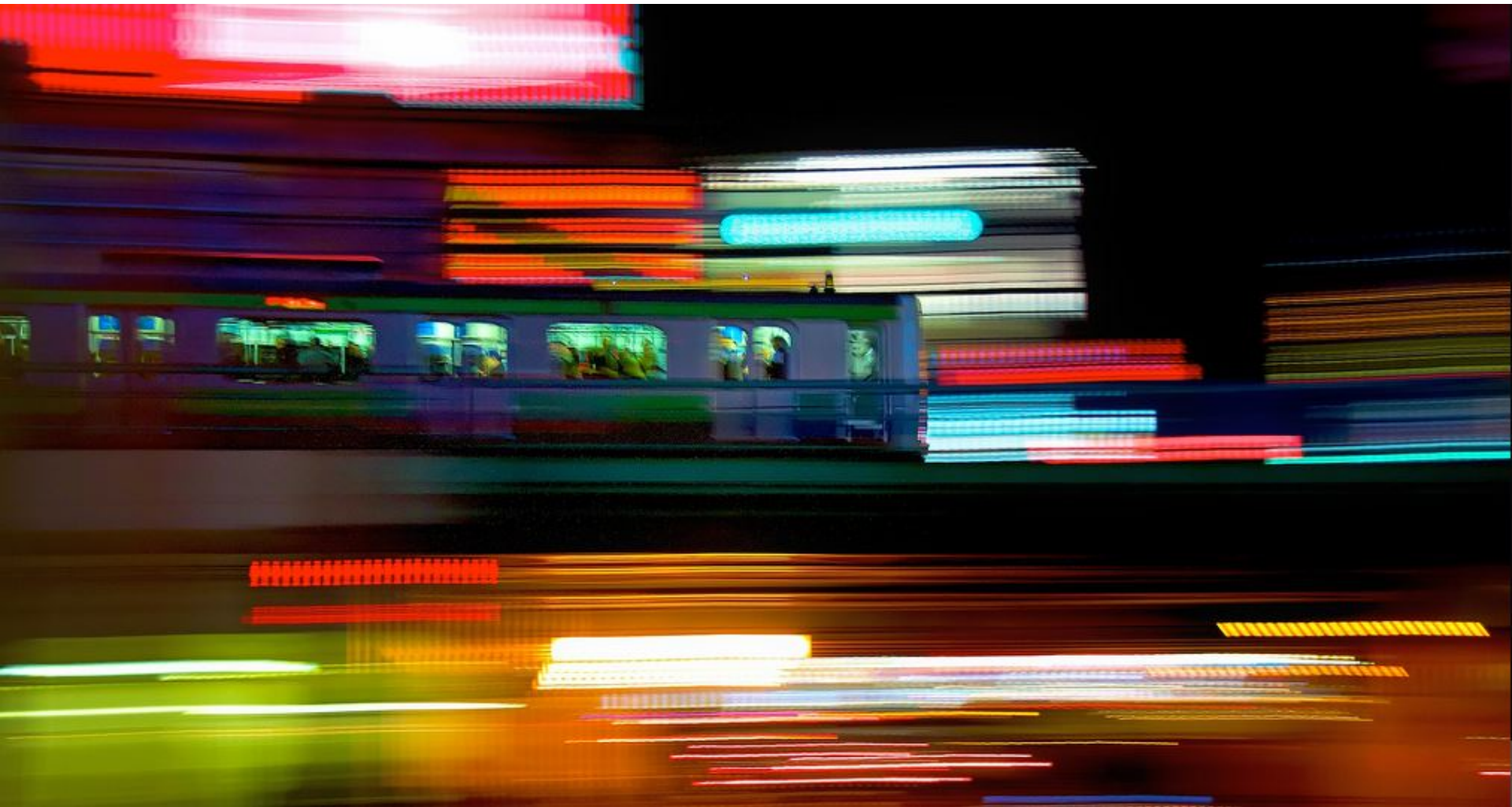
Upcoming Outreach: Public Review & Comment

- 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

Project Milestones	Timeframe
Vision 2040 Development & Technical Work	✓ July 2015 – December 2016
Development of Draft	June 2016 - March 2017
Release of Public Review Draft	April 2017
Public Comment Period Public Workshops on Draft CSRP	60 Days
Revision of Draft	June – August 2017
CTC, FRA & CalSTA Reviews Submittal to Legislature	September 2017 Winter 2017/ Spring 2018



Questions?