



Rail Recommendations and Strategies

2022 California State Rail Plan

February 16, 2021



State Rail Plan Overview

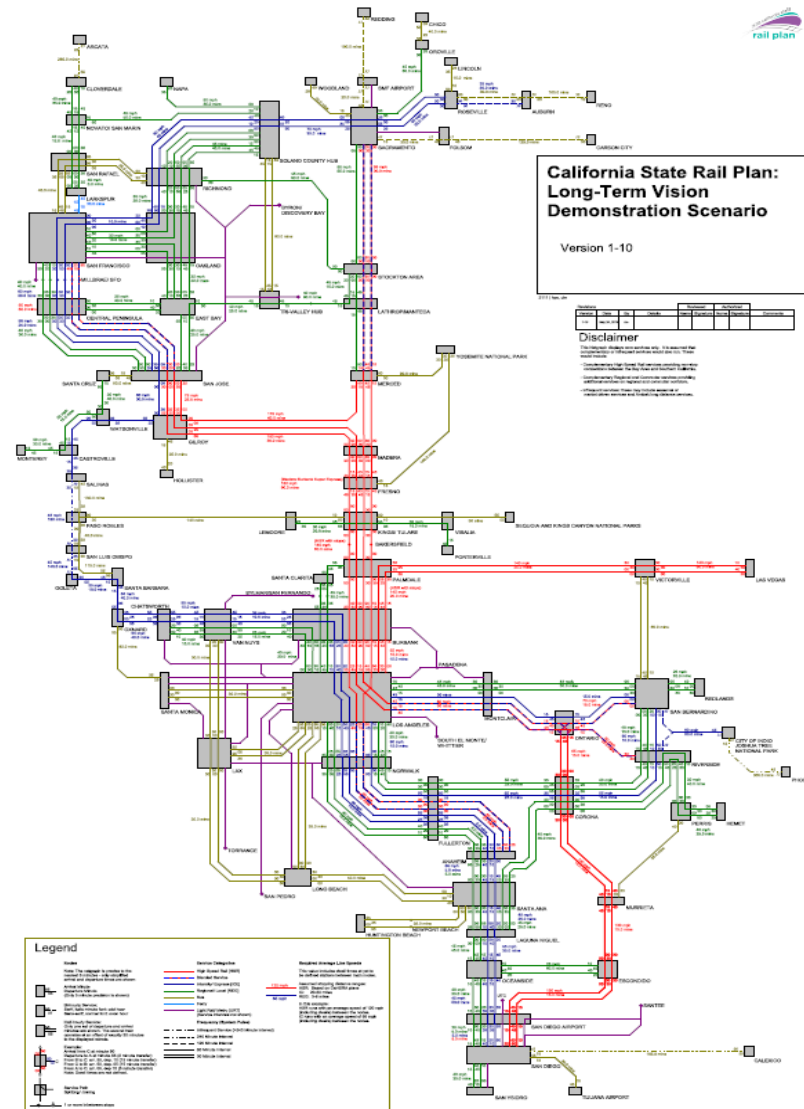
- The Rail Plan establishes a **strategic vision** for prioritizing state investment in the passenger and freight rail network statewide
- Provides a **framework for coordination** between planning partners, rail operators, host railroads, and the State to develop a rail network with a strategic vision in mind.



State Rail Plan

2040 Vision for Passenger Rail

- **Integrated Statewide Network**
 - High Speed Rail
 - Intercity and Regional Services
 - Integrated Express Bus
- **Coordinated Schedules**
 - Regular pulsed service
 - Key transfer hubs
 - Public Transit Connections
- **Customer Focus**
 - Seamless First/Last-Mile Access
 - Integrated Ticketing
 - Auto and air competitive



State Rail Plan

Long-Term Vision for Passenger Rail

Northern California

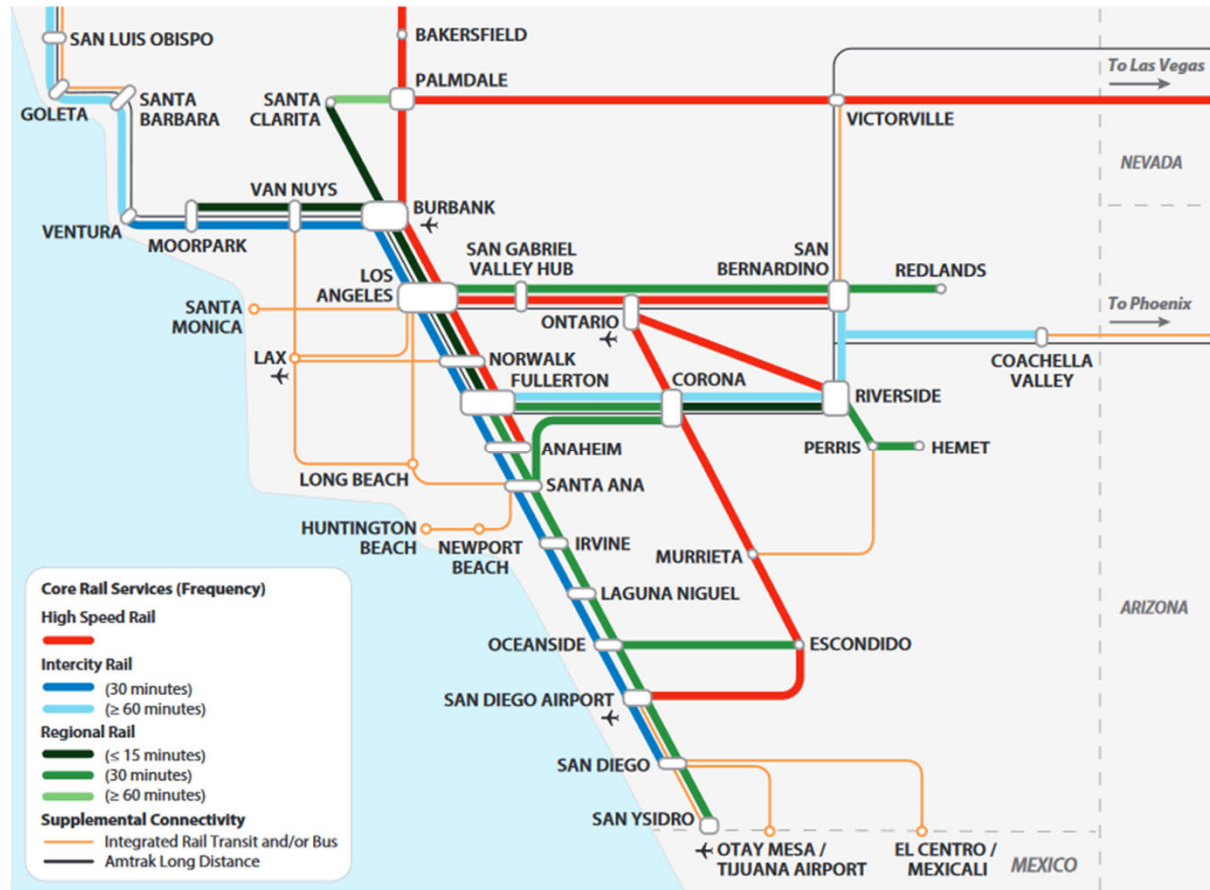


State Rail Plan

Long-Term Vision for Passenger Rail



Southern California



Trade Corridor
Improvements

Terminal and
Yard Capacity

Short Haul
Services

Economic
Development
and Short Lines

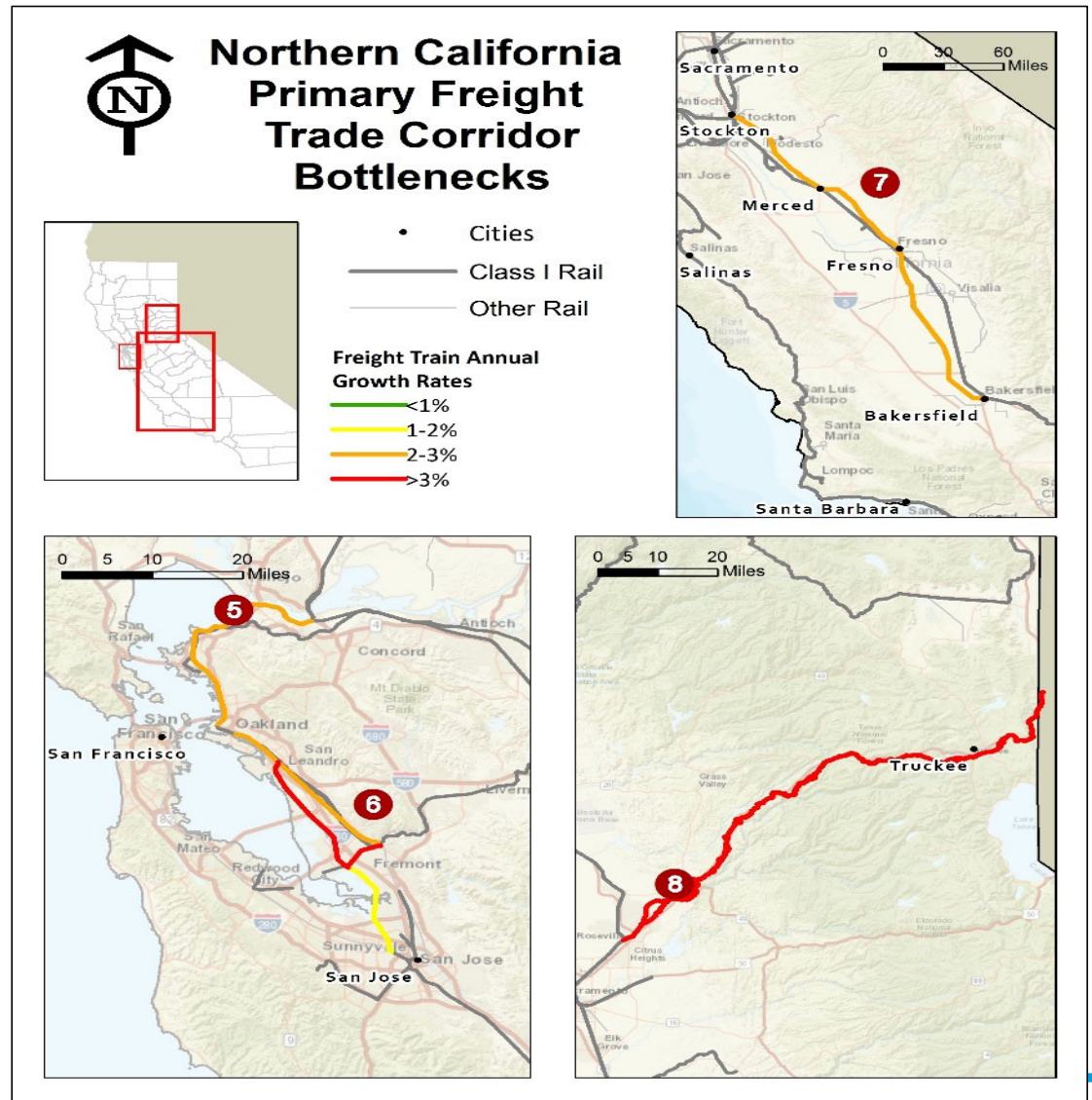
Grade Crossing
Improvements



Trade Corridor Improvements

Map Key (Rail Subdivision)

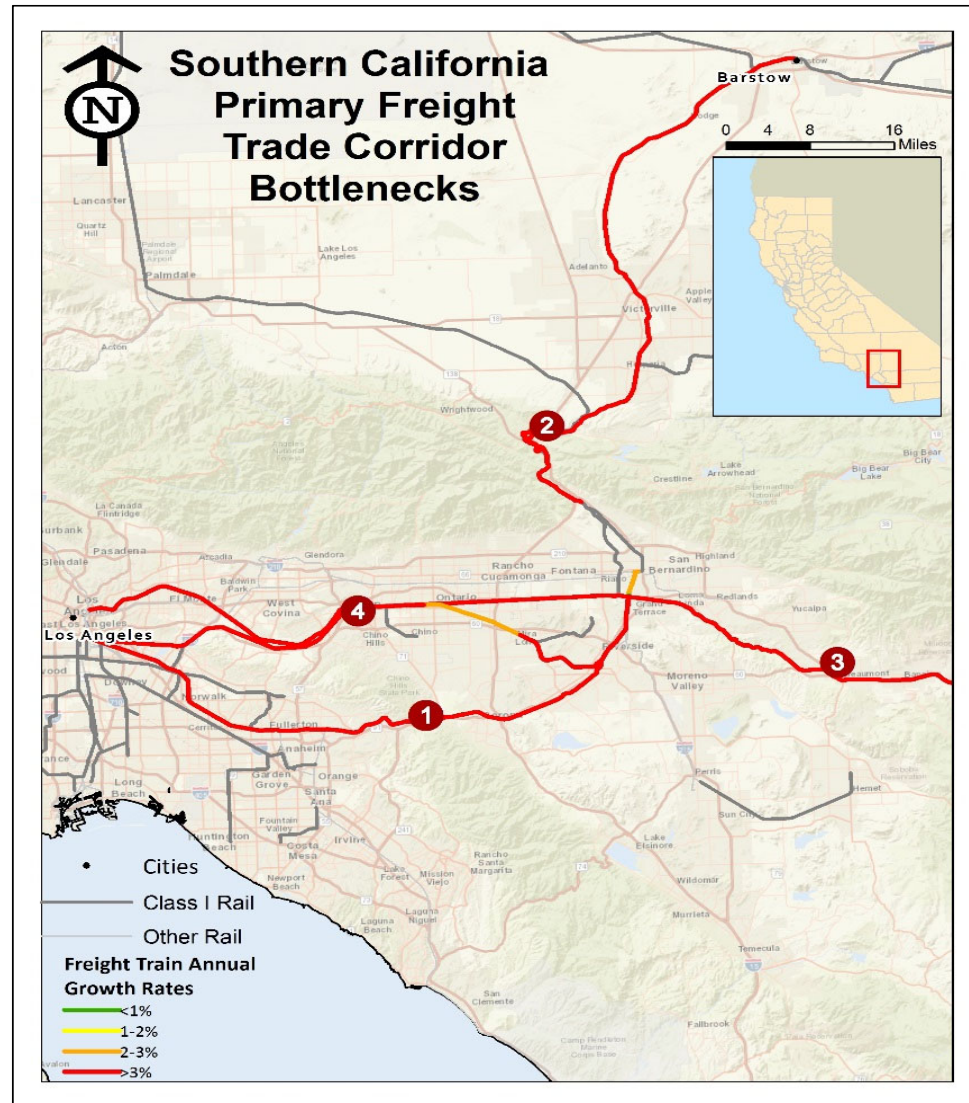
- 5.**UPRR Martinez (Oakland to Martinez)
- 6.**Southern Oakland Route (Oakland to Niles Junction)
- 7.**BNSF Mainline Stockton to Bakersfield (San Joaquin Corridor)
- 8.**UP Roseville to Reno over Donner Pass



Trade Corridor Improvements

Map Key (Rail Subdivision)

1. **BNSF San Bernardino** (LA-San Bernardino via Fullerton & Riverside)
2. **BNSF Cajon** (Barstow to Keenbrook)
3. **UPRR Sunset Route** (Yuma Subdivision)
4. **UPRR Alhambra and Los Angeles**



Short Haul Shuttle

Central Valley

- Proposed new cargo transportation system.
- Creation of intermodal hubs in the Central Valley region to support onloading and offloading of cargo, which would become integrated logistics centers and investment hub in areas of the State which would benefit by more efficient logistics connectivity to global markets.
- Produce sizable environmental benefits by removing long-haul trucks from the highway system.

Port of Long Beach

- Alleviate port and highway congestion
- Improve the velocity of cargo
- Advance inland logistics center dev.
- BNSF partnerships and Central Valley Inland Port

Port of Oakland

- San Joaquin Valley inland port connections
- M-580 Multi-modal Study
- Northern Nevada



Grade Crossing Improvements

Grade Crossings & Separations

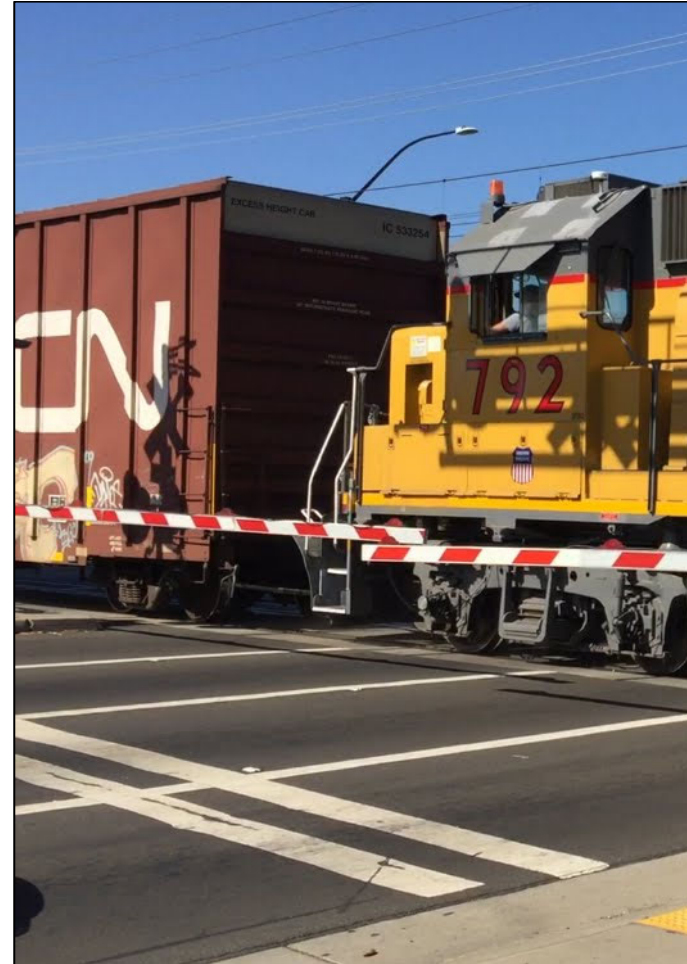
- Expand existing Caltrans programs

Address Community Impacts

- Rail Traffic Growth
- Shift to Dedicated Lines
- Short Line Upgrades
- Rural Grade Crossings

Grade Crossing Coordination

- CPUC Action Plan/CA Rail Plan Coordination
- Establish priorities for grade separations and crossings





Economic Development – On-Dock/Near Dock Rail Investments

SB 1 – Trade Corridor Enhancement Program (TCEP)

2018 – Cycle 1

- 7th Street Grade Separation (East)
- Freight Intelligent Transportation System
- Quiet Zone Safety Engineering Measures
- Port of Stockton – Fyffe Avenue Grade Separation
- LA Metro
 - Southern Terminus Gap Closure
 - Terminal Island Railyard Enhancements
 - Pier G & J Double Track
 - Montebello Boulevard Grade Separation
 - Turnbull Canyon Road Grade Separation
 - Rosecrans/Marquardt Grade Crossing
- Etiwanda Ave. Grade Separation
- Rt. 34 (Fifth St.)/Rice Avenue Grade Separation
- Sorrento to Miramar, Ph 2 Intermodal Improvements

2020 – Cycle 2

- Fourth Track Rail Expansion in POLB
- Fenix Terminal Rail Expansion in POLA
- LOSSAN
 - LOSSAN-SD Relocation of CP Song Handoff
 - LOSSAN-SD San Onofre to Pulgas Double Track
 - LOSSAN-SD San Dieguito Double Track Phase 1
 - LOSSAN-SD Del Mar Bluffs Phase 5
- Port of Stockton Rail Improvements
- Stockton Diamond Grade Separation

2022 California State Rail Plan

What's being updated?



The 2022 California State Rail Plan will **enhance rail service in the public interest & serve as a basis for federal and state rail investments** in passenger and freight rail projects.

- ➔ **Revise the statewide vision**
Incorporate outputs from network integration activities and local/regional studies
- ➔ **Advise priorities for state investment**
Update operating and capital investments to deliver phased implementation
- ➔ **Devise implementation strategies**
Coordinate across funding and operating agencies to structure service implementation



2022 California State Rail Plan

What's being updated?

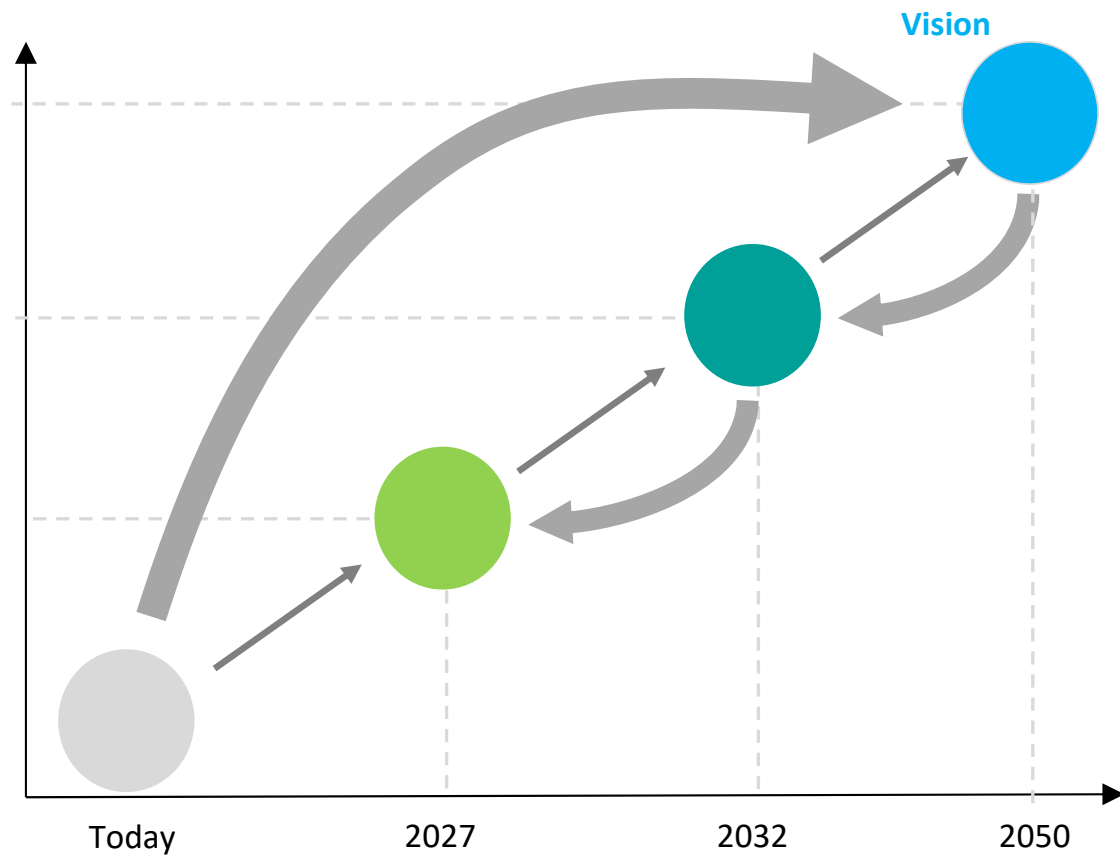


- **2050**
Planning for a statewide vision of a fully integrated network and making the case for future investments

Expand on all the short and mid term improvements.
- **2032**
Planning for service and projects that can reasonably be assumed given expected funding levels

Prioritize investing in shared corridors and dedicated trade corridor capacity.
- **2027**
Planning for service and projects that are funded / environmentally cleared

Address existing trade corridor bottlenecks.





Questions?

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