

SPUR

Ideas + Action for a Better City

learn more at SPUR.org

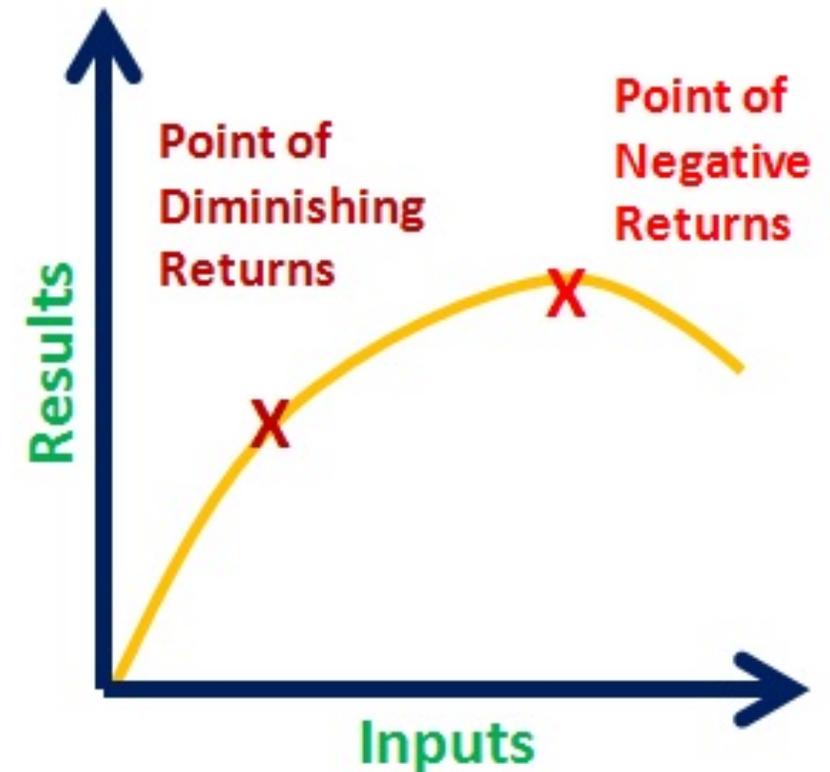
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@SPUR_Urbanist

#NorCalRail

Shared Tracks in Nor Cal: At the Point of Diminishing Returns

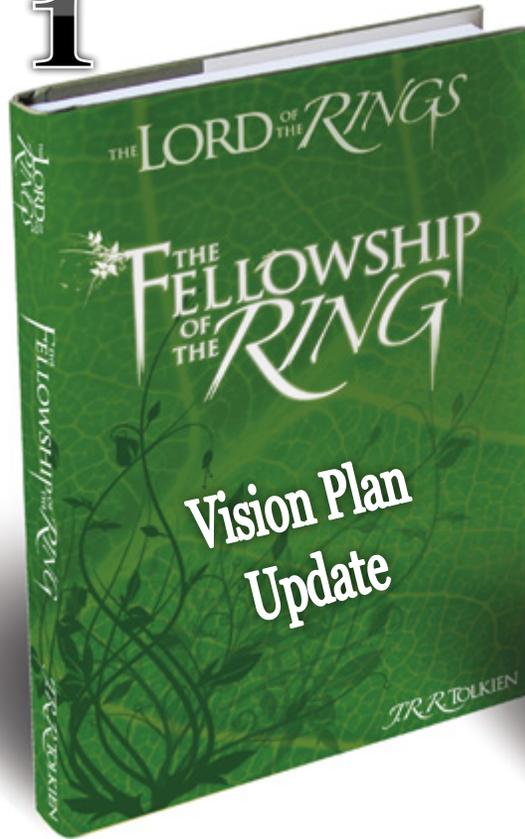
- Public investment in shared tracks for freight/passenger corridors becoming cost ineffective
- Dedicated passenger tracks unlock frequency and speed
- Dedicated freight tracks unlock shift from truck to rail
- Public investment to separate passenger & freight supports:
 - Mega-regional goods movement and personal mobility
 - Environmental, Economic, and Equity objectives
 - Anticipated population growth and existing mobility challenges



CCJPA's Vision Plan Trilogy *

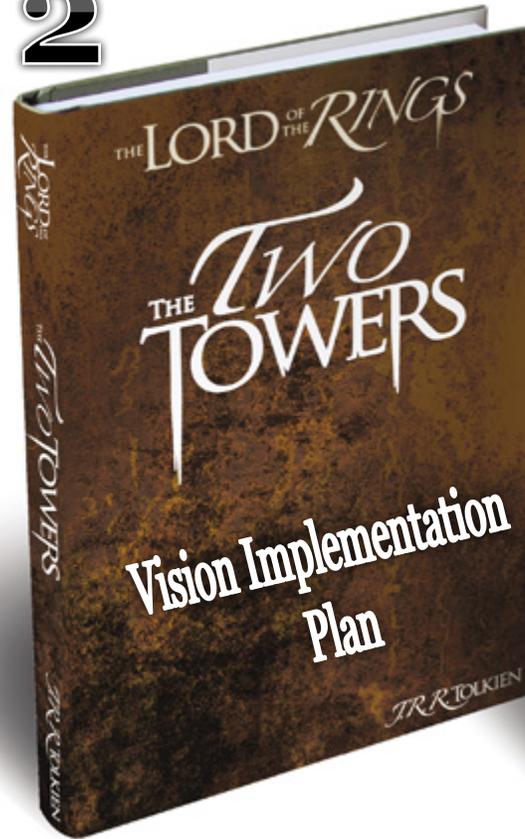
Adopted
November 2014

1



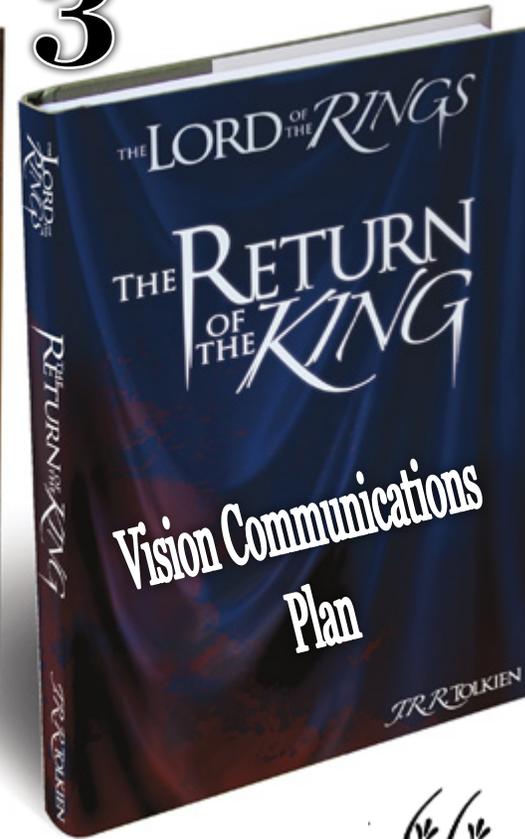
Adoption planned
November 2016

2

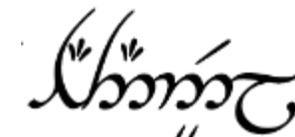


Commence early
2017

3

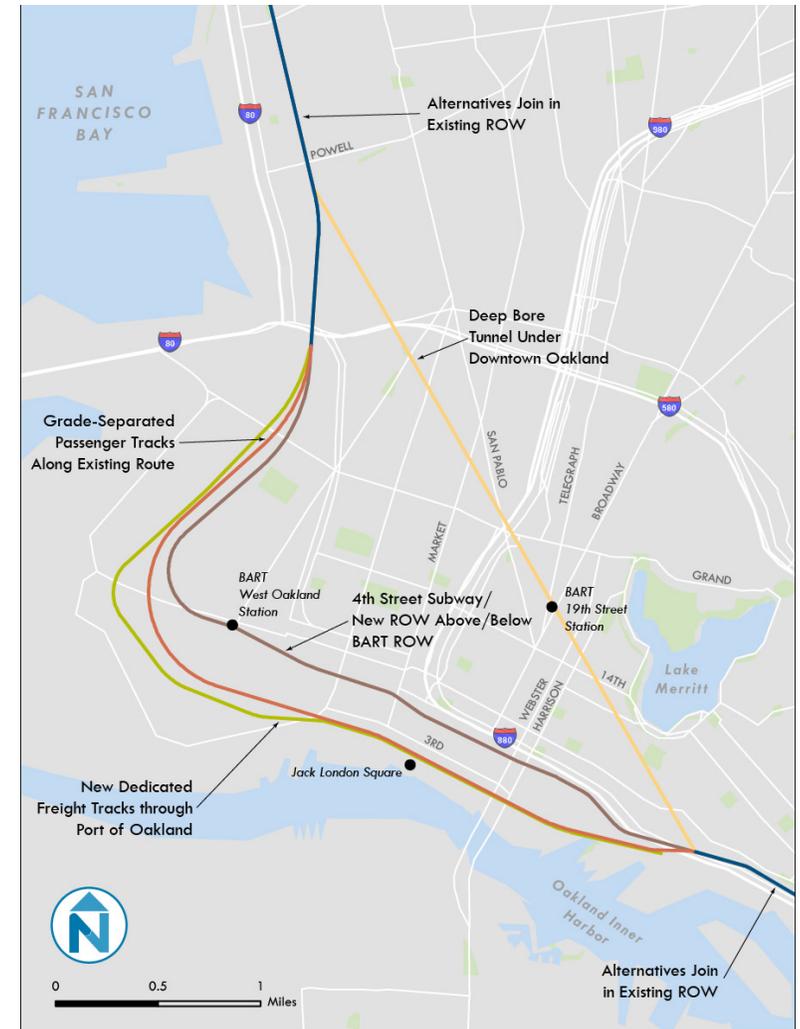


* Any future movie rights will be the property of CCJPA

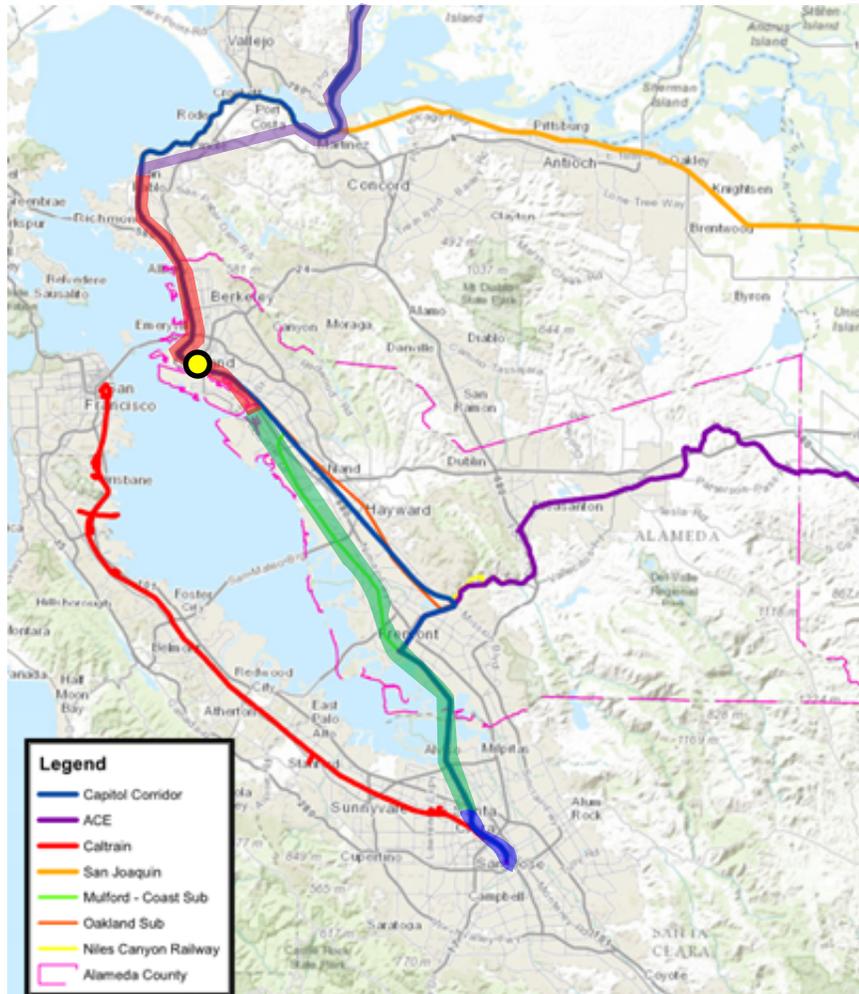


Vision Plan Update Alternatives

- In Central Oakland, at-grade tracks are bottleneck
- Could lower into trench, and close Embarcadero, or tunnel via various alignments
- Between Oakland and Richmond, existing right-of-way is only available
- To expand capacity, need dedicated tracks, so ROW widening required



Recommended Concepts/Phasing



Ph 6: Extend Electrification to Auburn and acquire separate R/W from UPRR

Ph 5: Franklin Canyon Bypass, Carquinez High Level Crossing, Sacramento Station Expansion, & Martinez Subdiv. Purchase

Ph 4: Jack London Station and Tunnel

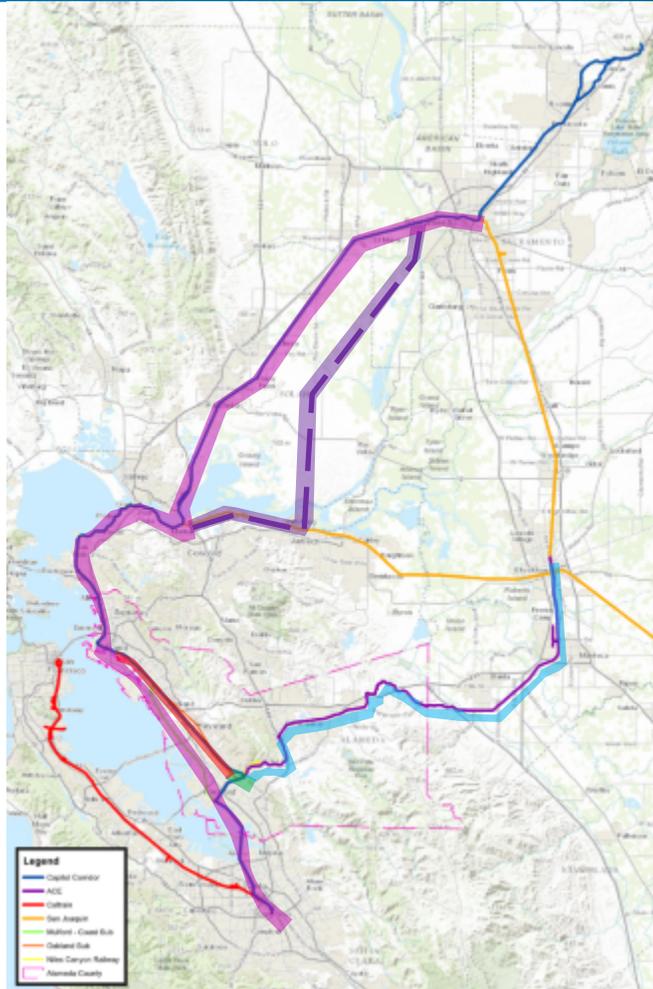
Ph 3: Passenger Db. Track Oakland to Pinole Increase Service to Roseville/Auburn

Ph 2: Alviso Passenger Db. Track Coast & Oakland Subdiv. Purchase Increased Service to Roseville

Ph 1: San Jose-Santa Clara Improvements

2020 **Phase 1** 2025 **Phase 2** 2030 **Phase 3** 2035 **Phase 4** 2040 **Phase 5** 2045 **Phase 6**

Recommended Concepts/Phasing



Corridor Level Improvements

-  **Ph. 2-3 San Jose-Benicia 90 mph**
-  **Ph. 2-3 Benicia-Sacramento 110 mph**
-  **Ph. 2-5 Corridor Grade Separations**
-  **Ph. 5 Electrification/ Rolling Stock/ Support Facilities**

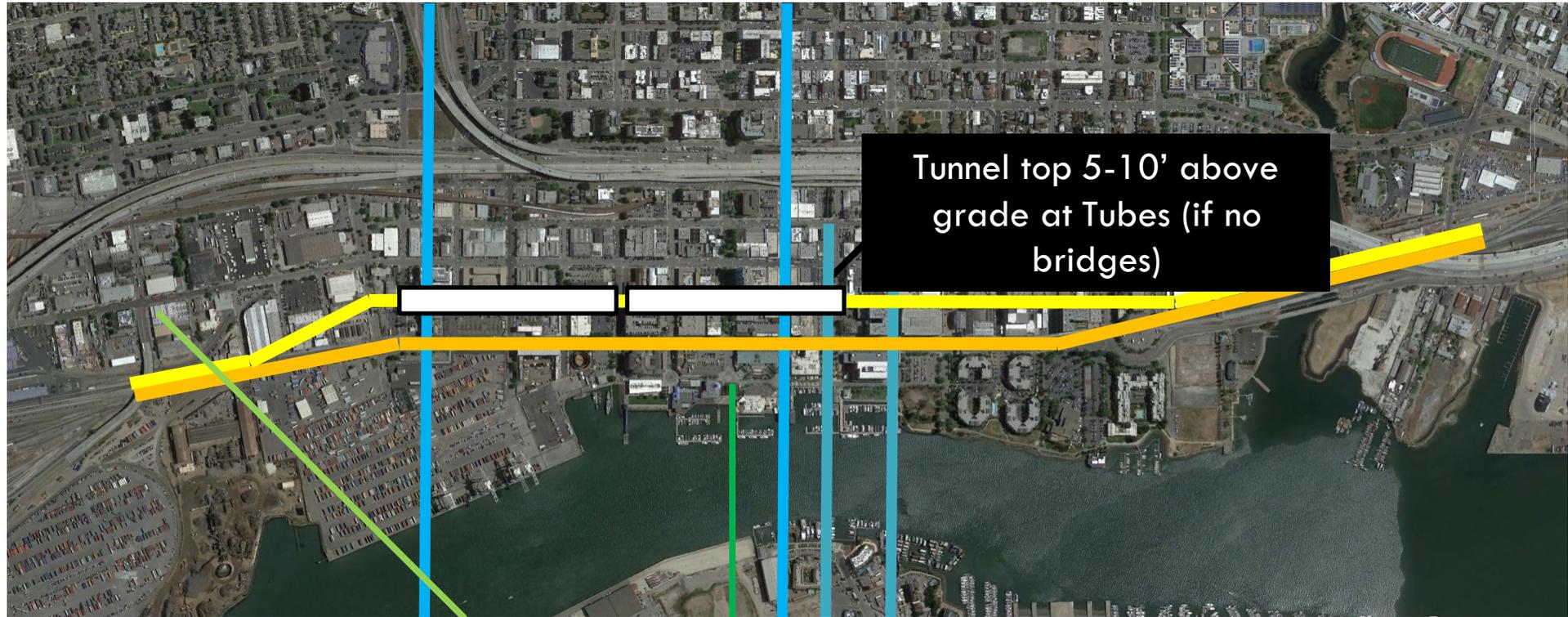
Freight Mitigation

-  **Ph. 2 Oakland/Niles Sub Connections**
-  **Ph. 3 Oakland/Niles Sub Double Track**
-  **Ph. 1-4 Niles Junction-Stockton Capacity Improvements**
-  **Ph. 5 Sacramento Northern Freight Bypass**

2020 **Phase 1** 2025 **Phase 2** 2030 **Phase 3** 2035 **Phase 4** 2040 **Phase 5**

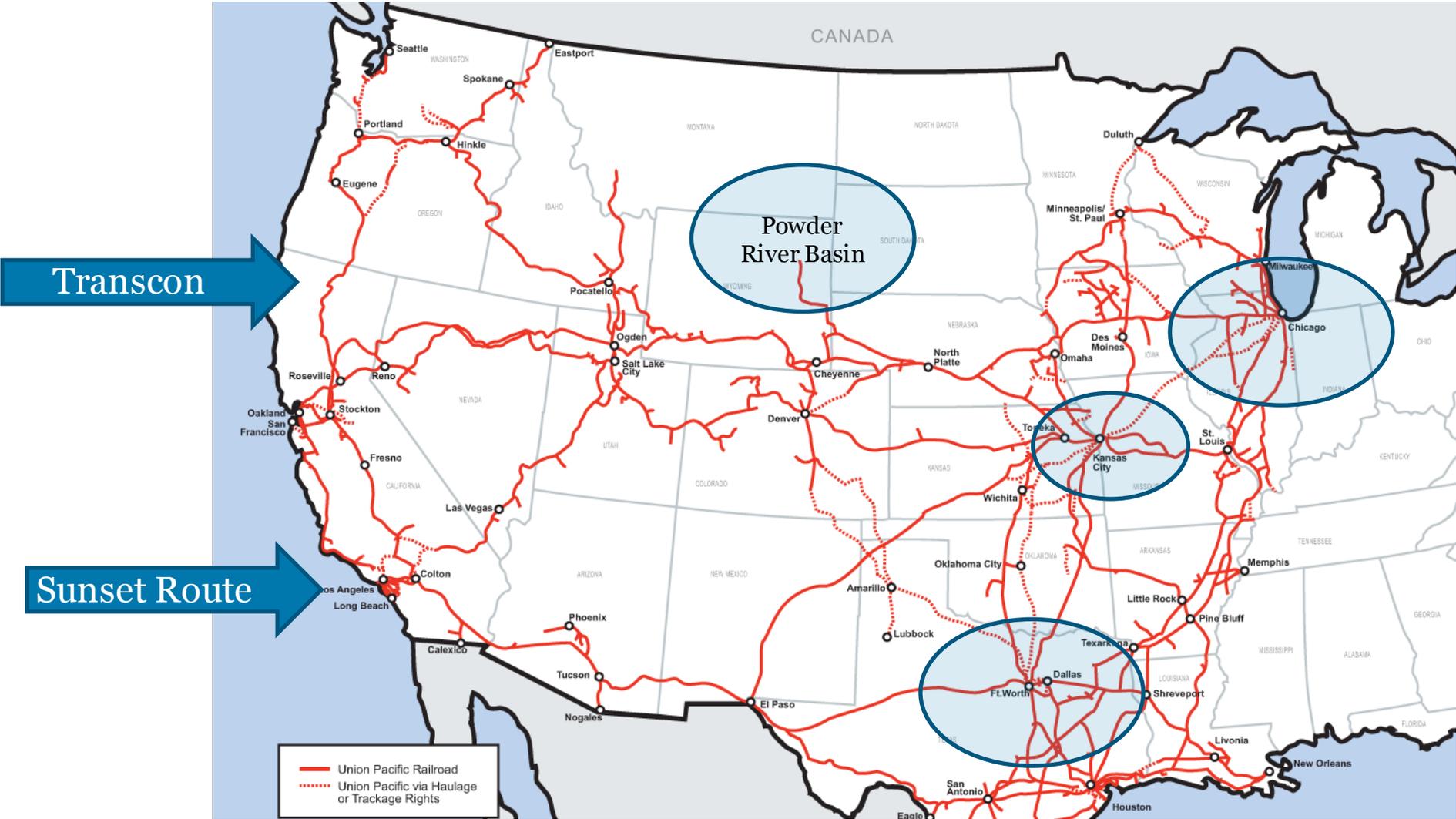
Jack London Concepts

- Passenger Tunnel (2nd St)
- Optional Freight Tunnel (Embarcadero)
- Potential BART alignments
- Potential station locations



- Posey/Webster Replacement
- Tubes Bridges (optional)
- Adeline (high auto capacity)
- Broadway (ped/bike/transit-oriented)

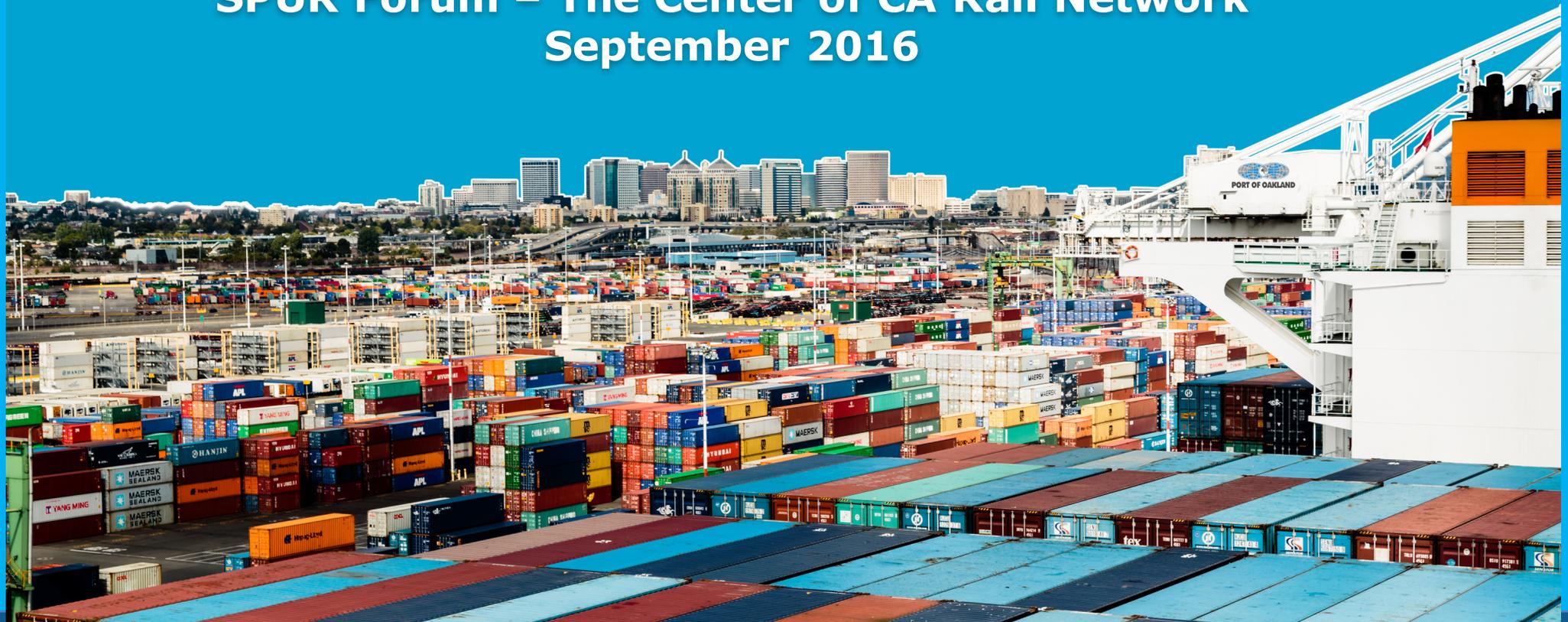
Union Pacific Railroad Network – Freight Traffic Flows





PORT OF OAKLAND

SPUR Forum – The Center of CA Rail Network September 2016



Public Agency Established in 1927



- **Enterprise agency** of the City of Oakland
- Separate budget and **no local tax dollars**
- **State Lands Trustee** responsible for maintaining and managing lands for the benefit of California
- **450** employees

The Port's Three Business Divisions



Broad Geographical Jurisdiction as a Landlord Port



Commercial Real Estate



Parks, Open Space, Utility



Maritime Area



Aviation (including OAK)

Commercial Real Estate Division



- Approx. 20 miles of **Oakland waterfront** along the San Francisco Bay
- Approx. **850 acres of property** including hotels, restaurants, offices, open spaces and parks and light industrial
- Home to hip and historic **Jack London Square** providing over 55 public events annually
- Powers nearly **7% of the 73,565 regional jobs** generated by the Port

Maritime Division



x 1000 = 8 direct jobs



- Only major seaport for Northern California, handling **99% of regional containerized goods**
- 2.4M TEUs (twenty foot equivalent units), totaling more than **\$40B goods** in 2014
- Top **Import Commodities** (by volume): furniture, glass and glassware, machinery & equipment
- Top **Export Commodities** (by volume): wood pulp, fruits and nuts, refrigerated meat, beverages and spirits
- Powers nearly **40% of the 73,565 regional jobs** generated by the Port

Aviation



x 1000 = 3.3 direct jobs



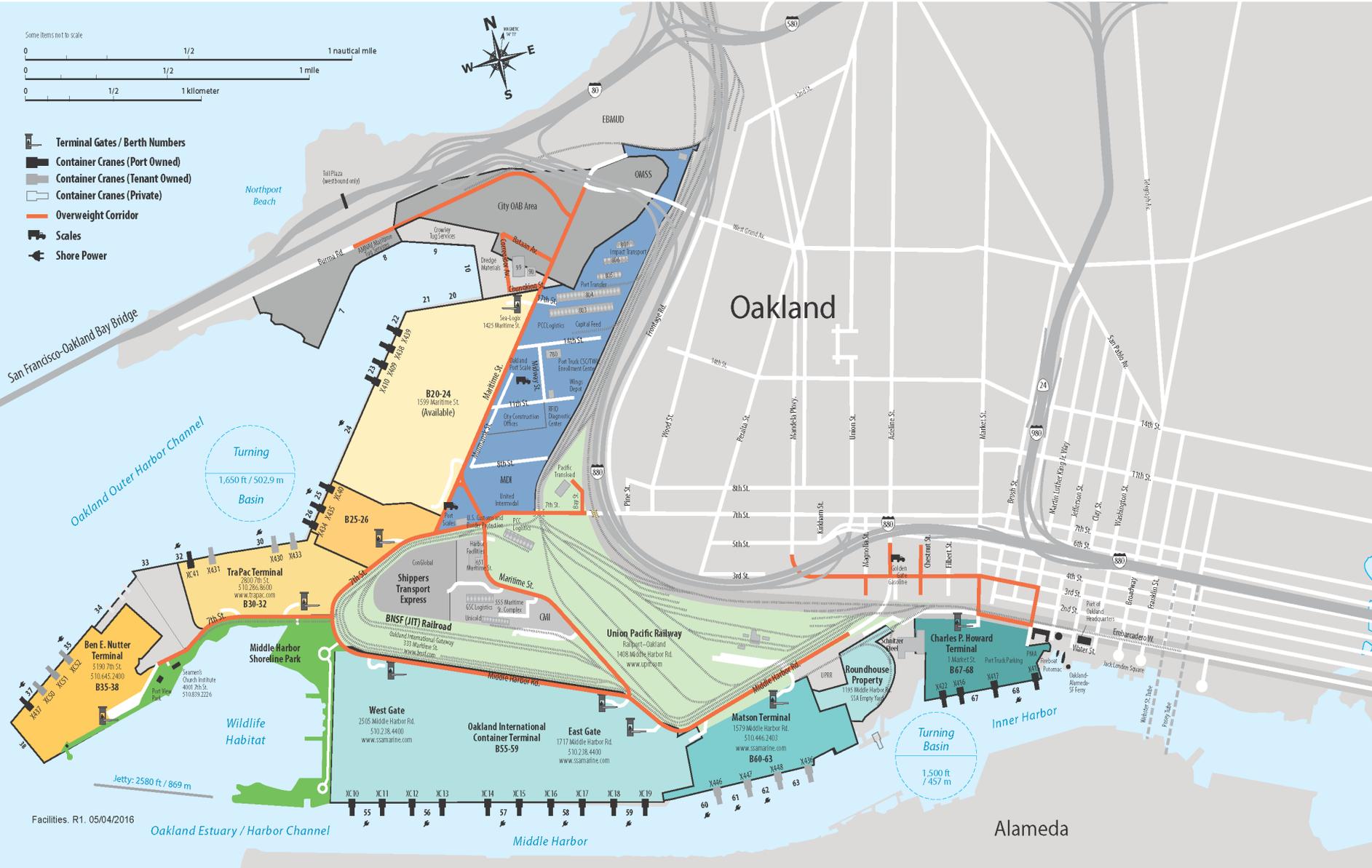
- Second largest airport in the **third busiest U.S air service market**
- **11+ million passengers** Annually
- **11 different airlines**
- **54 nonstop destinations**
- **#1 air cargo airport** in the Bay Area
- FedEx West Coast Cargo hub
- Powers nearly **53% of the 73,565 regional jobs** generated by the Port

I ✈ OAK

Current and Future Maritime Developments and Projects

- New 400K Sq. Ft. cold storage facility development with Lineage and Dreisbach Enterprises breaks ground Jan 1, 2017
- Completed 14 new rail storage track in Former Oakland Army Base to serve current and future transload activities
- In negotiations with a 3rd party developer to develop warehouse facilities for transloading on former Army Base property.
- ACTC has funded a preliminary engineering phase for a 7th street grade separation, Port road improvements, and Intelligent Transportation System (ITS).

SEAPORT FACILITIES



Facilities. R1. 05/04/2016

Questions



Visit www.portofoakland.com for more information