

Goods Movement in the Bay Area



A Presentation to the California Freight Advisory Committee
February 10, 2016

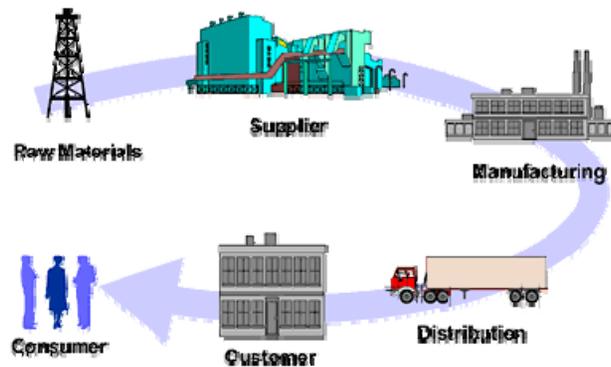
Arthur L. Dao, Executive Director, Alameda County Transportation Commission

Presentation Overview

- Goods Movement in the Bay Area
- Key Findings from Bay Area and Alameda County Goods Movement Plans
- Moving Forward

Goods Movement in the Bay Area

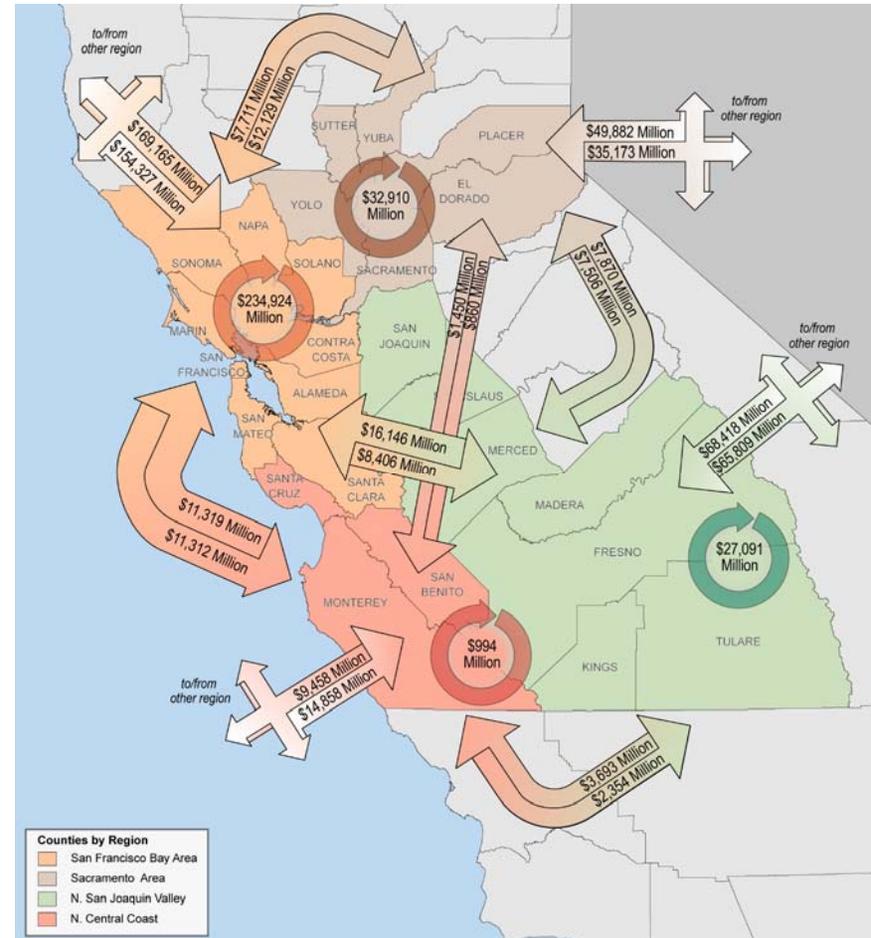
- Nation's 5th largest marine port, two major cargo airport, four other seaports
- Roughly one-third of region's jobs in goods movement dependent industries
- Two Class I railroads, six National Primary Freight Network routes
- Unique from other regions in California:
 - Supports larger Northern California megaregion
 - Net-exporting region
 - Farm-to-market needs
 - Mix of traditional manufacturing/industry and emerging industries with goods movement needs – artisanal foods, clean energy, biotechnology, etc.
 - Frequently overlapping industrial and infill development corridors



The goods movement system provides connections between each of these steps in this conceptual supply chain.

The Center of Goods Movement in Northern California

- More than \$953 billion in freight flows in Northern California
- The Bay Area and Alameda County provide most of mega-region’s critical goods movement infrastructure
- Bay Area provides only access to world markets for some MPOs/RTPAs



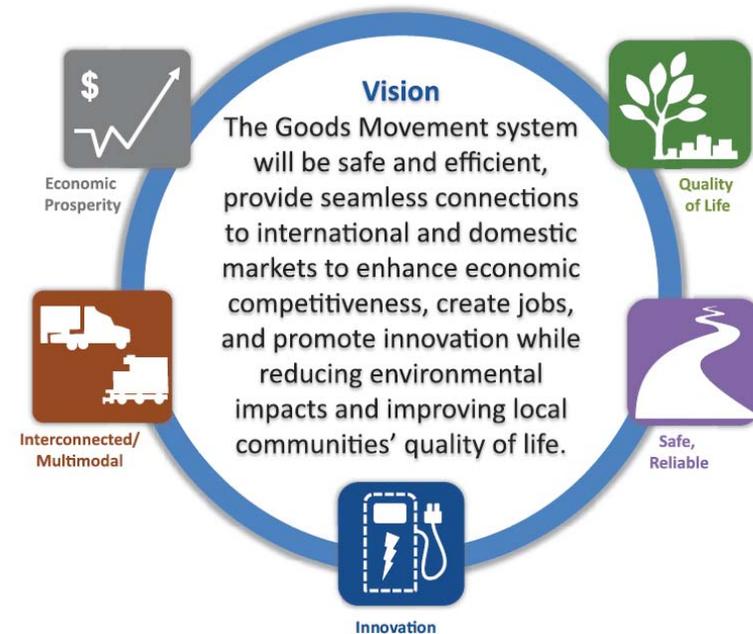
Multimodal Freight System



Bay Area & Alameda County Goods Movement Plans

Overview of Plans

- Culmination of two-year planning effort
- Coordinated regional and county goods movement plans
- Performance-based technical analysis
- Robust stakeholder outreach
 - *Five roundtables*
 - *Three rounds of interest group meetings*
 - *Executive team*
 - *Technical teams*
 - *Over 60 stakeholder meetings*



Bay Area & Alameda County Goods Movement Plans

Three
“Opportunity
Packages”

Sustainable Global Competitiveness

- Port of Oakland warehousing, rail terminal capacity, and internal circulation improvements
- Regional rail access capacity and grade crossing improvements
- Emissions reduction, community benefit, workforce development programs

Smart Operations and Deliveries

- Port night/weekend gates and downtown off-peak delivery programs
- Port truck appointment system
- ITS and Integrated Corridor Mobility projects
- Zero Emission Truck demonstrations

Modernized Infrastructure

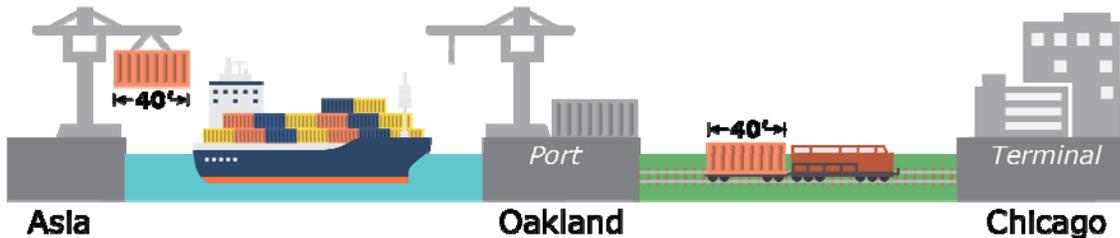
- Interchange improvement projects
- Industrial rail spurs
- Truck parking

Sustainable Global Competitiveness

- Oakland Army Base redevelopment at Port of Oakland presents unique opportunity to create world class logistics facility
 - *Transload warehousing – attractive to shippers and creates value-added services with jobs*
- Regional rail access improvements via “southern route” needed to fully realize benefits of OAB
 - *Load transloaded cargo on to rail at Port of Oakland*
 - *Shift truck traffic to rail over Altamont Pass (I-580) and in I-880 corridor – relieve some of State’s most congested freight and passenger freeway corridors*

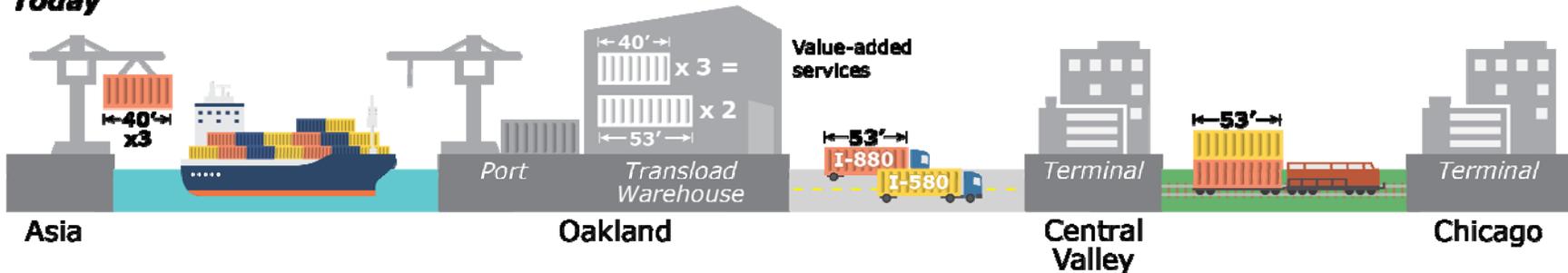
New Approach to Rail/Port Operation: Transloading and Rail in Oakland

IPI Import

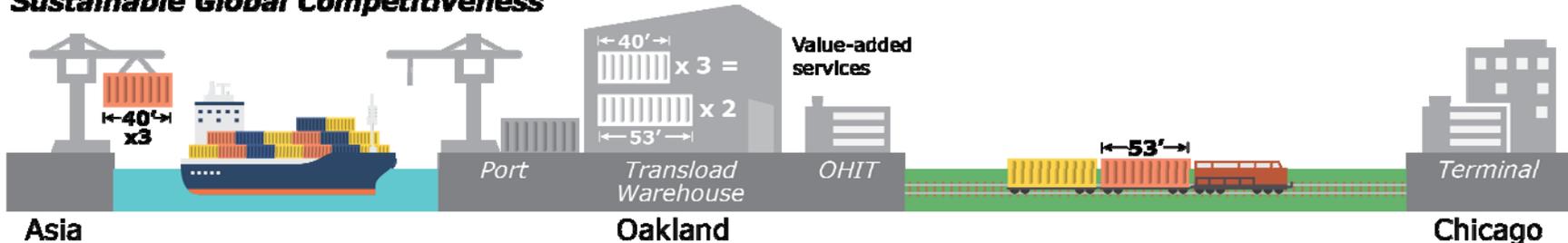


Overall strategy to eliminate 1,280 truck trips per day on I-580 and I-880

Transload Import Today

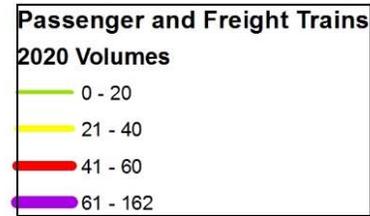


Transload Import Sustainable Global Competitiveness



To
Roseville

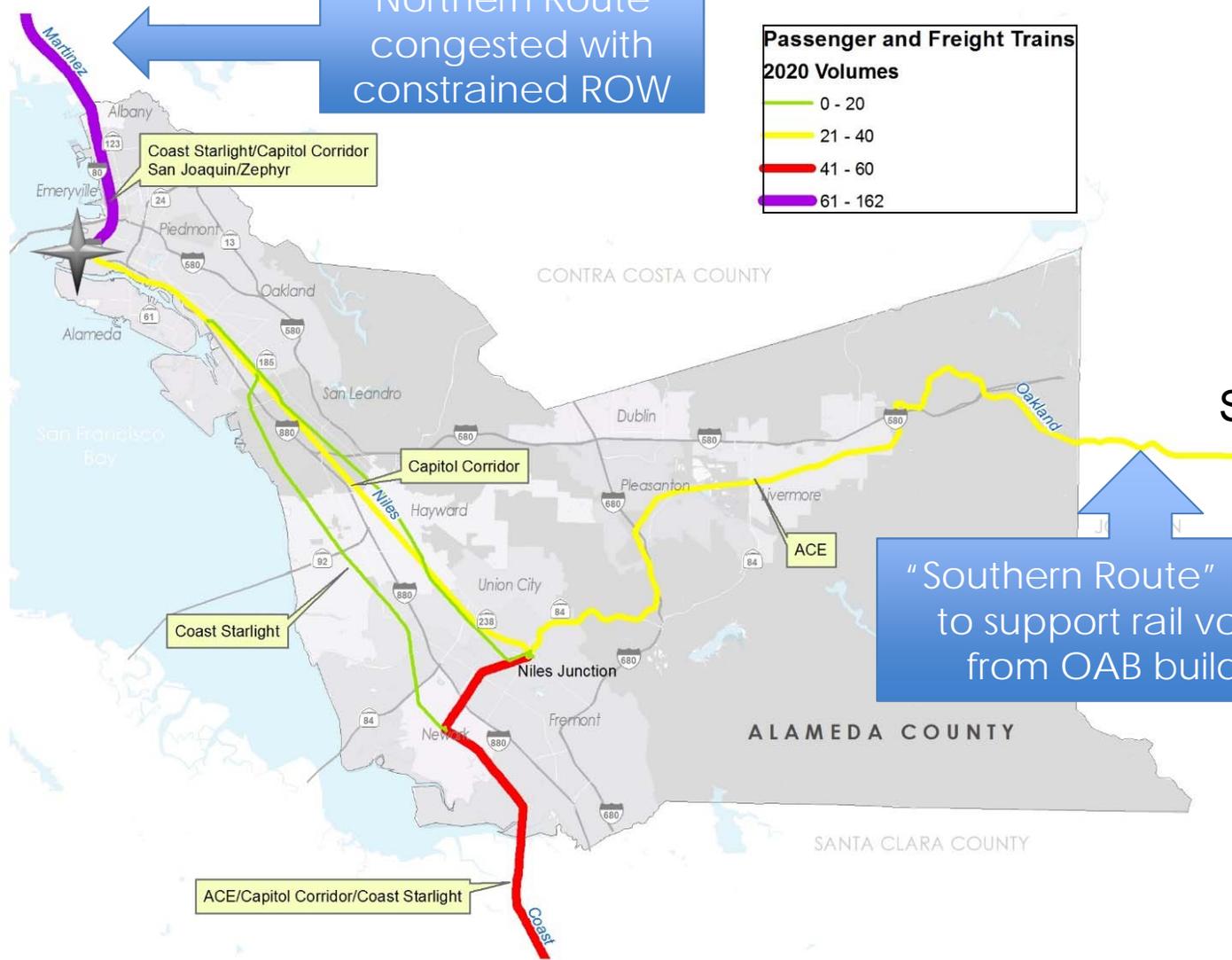
"Northern Route"
congested with
constrained ROW



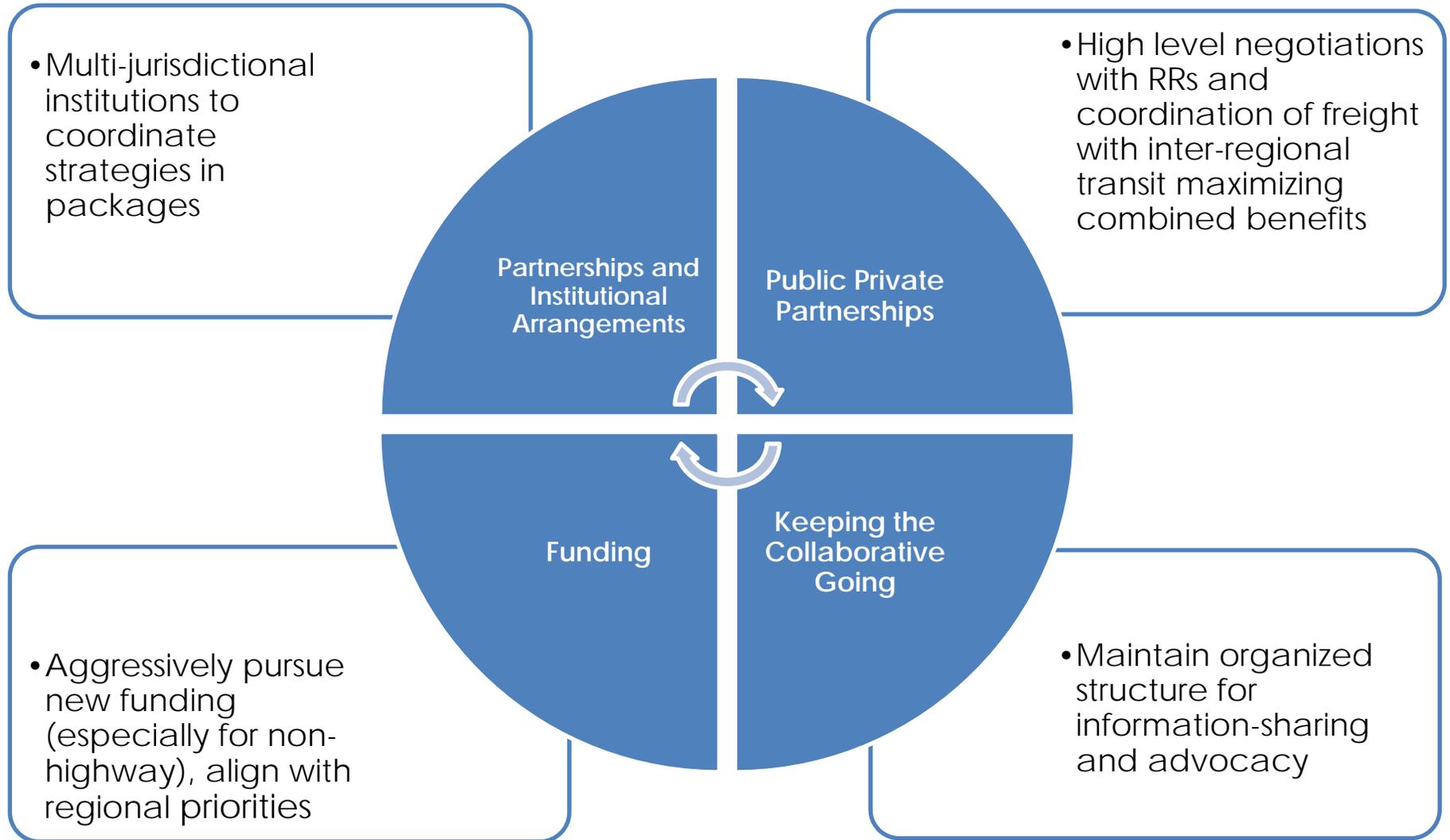
Port of
Oakland

To
Stockton

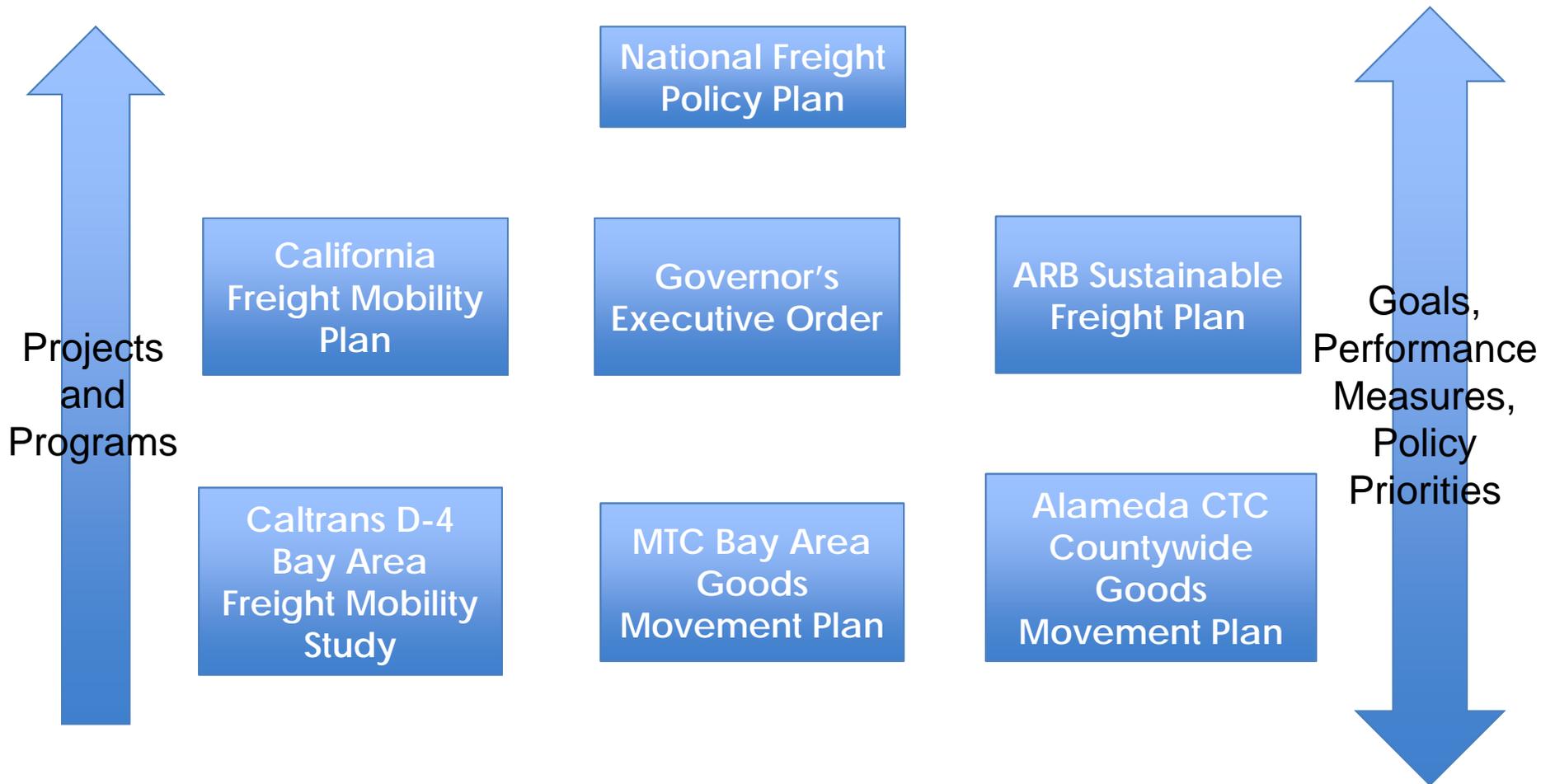
"Southern Route" needed
to support rail volumes
from OAB build-out



Moving Forward



Alignment at Federal, State, and Local Levels



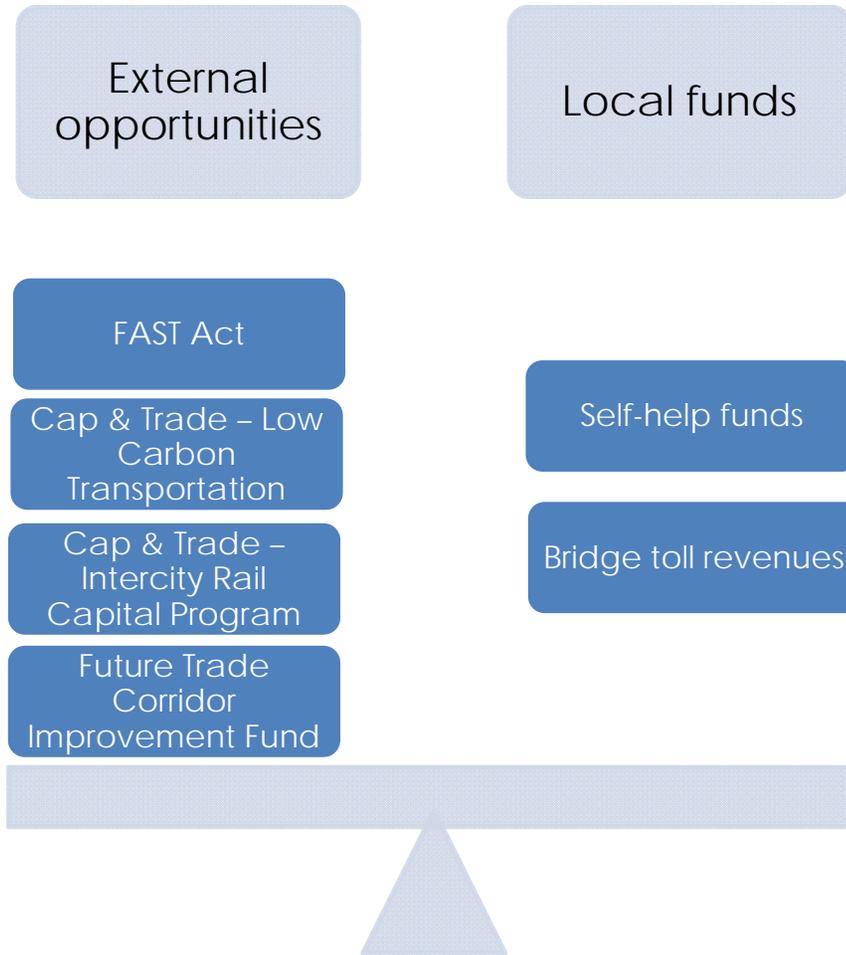
Federal, State and Local Plans Aligned

- Improve performance to address growth in tonnage
- Improve safety and resiliency of goods movement infrastructure
- Expand intermodal capabilities and capacity
- Mitigate impacts on communities
- Advance new technologies
- Expand collaboration and partnerships
- Develop next generation workforce and create middle wage jobs

Goods Movement Plan Supports State Growth Goals

- Major Projects, Programs and Partnerships
 - 7th Street Grade Crossing
 - Oakland Army Base projects
 - Niles Canyon improvements
 - Technology
 - Truck Parking
 - Community – mitigate impacts, workforce development
 - Partnerships

Leveraging Funds for State and Region



Thank You

