

Freight Policy and Decision-Making

The following provided direction for the development of the California Freight Mobility Plan (CFMP).

FEDERAL AND STATE POLICY

- Moving Ahead for Progress in the 21st Century Act (MAP-21)
- Assembly Bill 14 (Lowenthal, 2013)

STAKEHOLDER COLLABORATION AND PUBLIC OUTREACH

- California Freight Advisory Committee (CFAC)
- Tribal Consultation
- CFMP Focus Groups with env. justice and community orgs.

ASSOCIATED STATEWIDE PLANS, PROGRAMS, AND POLICIES

- Goods Movement Action Plan (GMAP)
- California Transportation Plan (CTP)
- California State Rail Plan (CSR)
- Proposition 1B and Trade Corridor Improvement Fund (TCIF)

CALIFORNIA'S AIR QUALITY POLICY AND PROGRAMS

- Assembly Bill 32, Global Warming Solutions Act of 2006
- Senate Bill 375, Sustainable Communities and Climate Protection Act of 2008
- CA Air Resources Board's (ARB) Vision for Clean Air
- ARB Sustainable Transport Initiative
- Various state incentive programs for emission reduction

REGIONAL FREIGHT POLICY AND PLANS

- Various CA regional freight plans



Economy, Labor, and Workforce

8th

Largest World Economy

California (CA) was the 8th largest economy in the world in 2012

40%

U.S. Container Trade

The San Pedro Ports handle 40% of U.S. container trade imports

\$145 Billion

CA manufactured \$145 billion in exports in 2013

ECONOMIC TRENDS

- Freight system investments have not kept pace with the maintenance, preservation, and upgrades needed to keep the system efficient and reliable
- CA's ports faced with competition from Canada, Mexico, East Coast, and Gulf Coast – which have all gained in import volume
- Panama Canal expansion could intensify loss of CA's market share

LABOR TRENDS

- The trucking industry is facing a driver shortage and is finding it difficult to recruit and train entry level drivers
- Increased costs associated with requirements for newer trucks are making it economically challenging for small, independent trucking companies
- To remain competitive globally, CA faces challenge of transitioning industry to more efficient operations while retaining jobs

Native American Freight Connections

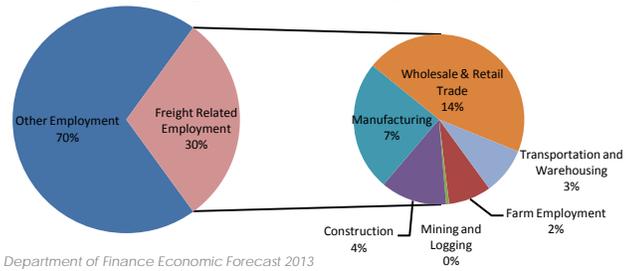
California is home to 110 federally-recognized Native American Tribal Governments. Like all communities, Native American reservations and Rancherias need access to the freight system and at the same time may be negatively impacted by the freight system.

Rural location of most communities means less freight related employment opportunities

Many rural and Tribal roads do not allow full size, 53-ft. truck trailers, adding cost and time to deliveries

To ensure that the CA Multimodal State Freight System serves all of California's federally-recognized Native American Tribal Governments, major freight connectors to the Native American Trust Lands are being identified.

California Freight Related Employment, 2013



Source: Department of Finance Economic Forecast 2013

Safety and Security

CONCERNS

- Increasing transportation safety and transportation security in the face of limited funding
- Crimes committed on the premises of transport operators (break-ins)
- Robbery of valuable cargo in transit
- Armed piracy in the air or on the high seas
- Infrastructure disruption can have massive economic costs

SAMPLE OF SAFETY AND SECURITY STRATEGIES



Crude oil tank car and operations safety improvements



Certified Cargo Screening Program



Positive Train Control



Truck safety improvements, including devices to limit max. speed and a national clearinghouse to track positive drug and alcohol test results

ITS and Technology

WHAT IS ITS?

Intelligent Transportation Systems (ITS) are a collection of roadway, communications, and computer technologies that are used to improve the operation of roadway, rail, air, and maritime systems. They are intended to:

- Increase travel safety
- Minimize environmental impact
- Improve traffic management
- Maximize the benefits of freight facilities

COMMON FREIGHT ITS ELEMENTS

- Traffic control and monitoring
- Weigh-In-Motion (WIM)
- Delivery space booking
- Vehicle and container location and condition monitoring
- Route planning
- Driving behavior monitoring and controlling
- Freight status monitoring
- Rail management and rail crossing safety

CURRENT AND DEVELOPING ITS EFFORTS

- Truck Enforcement Networks
- Smart Truck Parking on California's I-5 Corridor
- Electronic Freight Management Initiative
- State Route 11/Otay Mesa East Port of Entry ITS
- Regional Integration of Intelligent Transportation Systems (RIITS)
- Performance Measurement System (PeMS)
- Gateway Cities Technology Plan for Goods Movement