

California Freight Mobility Plan

Bruce de Terra
Caltrans



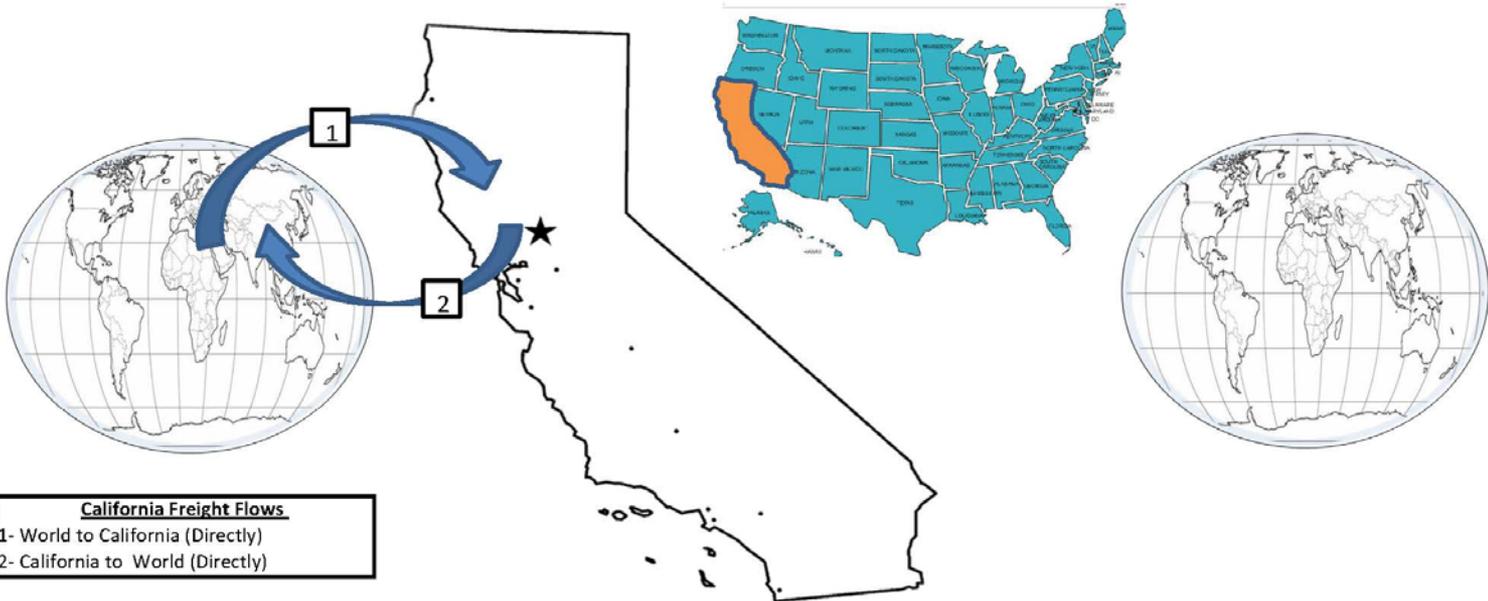
Overview

2

- ❖ Why
- ❖ Advisory Committee
- ❖ Geographic Context
- ❖ Freight System
- ❖ Broad Initiatives
- ❖ Projects
- ❖ What's Next?



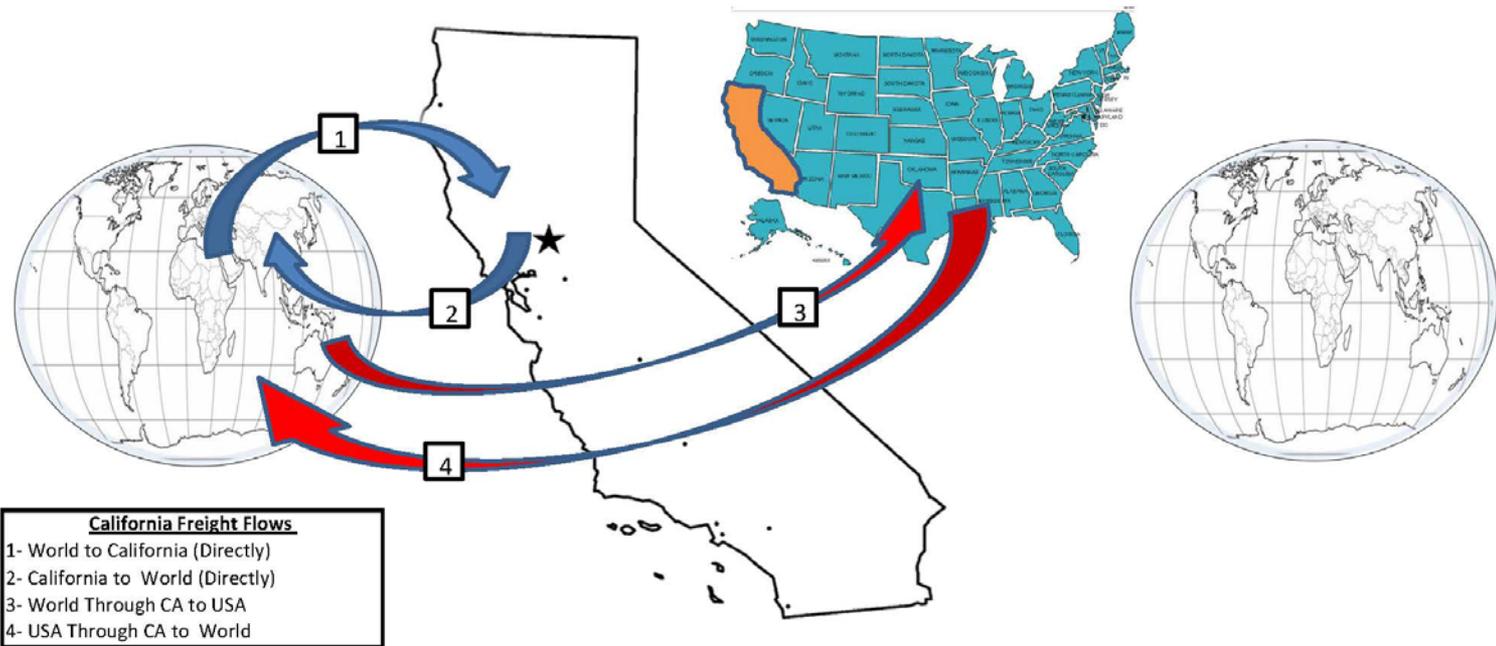
Freight Flows From, To, Within, and Through California



Office of Freight Planning
Caltrans 3/20/2015

Note: Figures are based on Freight Analysis Framework (FAF 3.5) data and analysis tools provided by the Federal Highway Administration

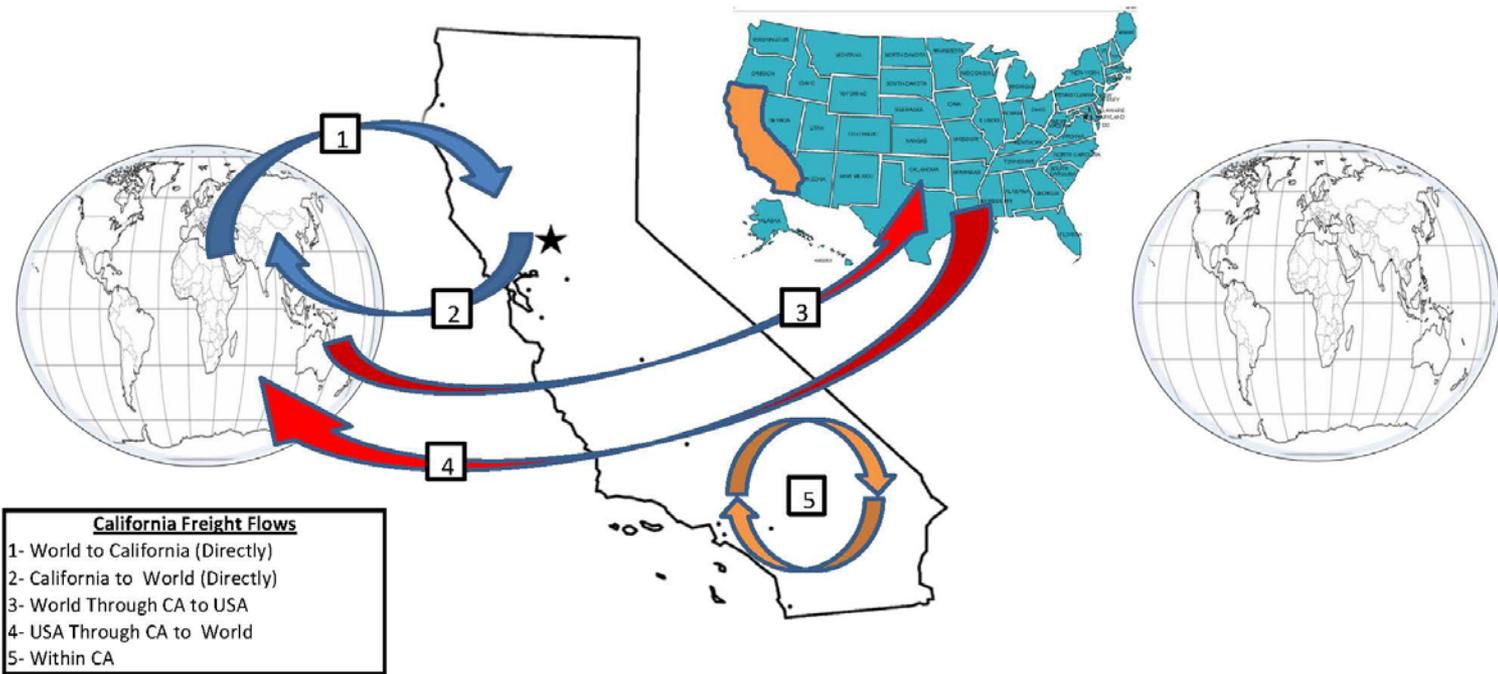
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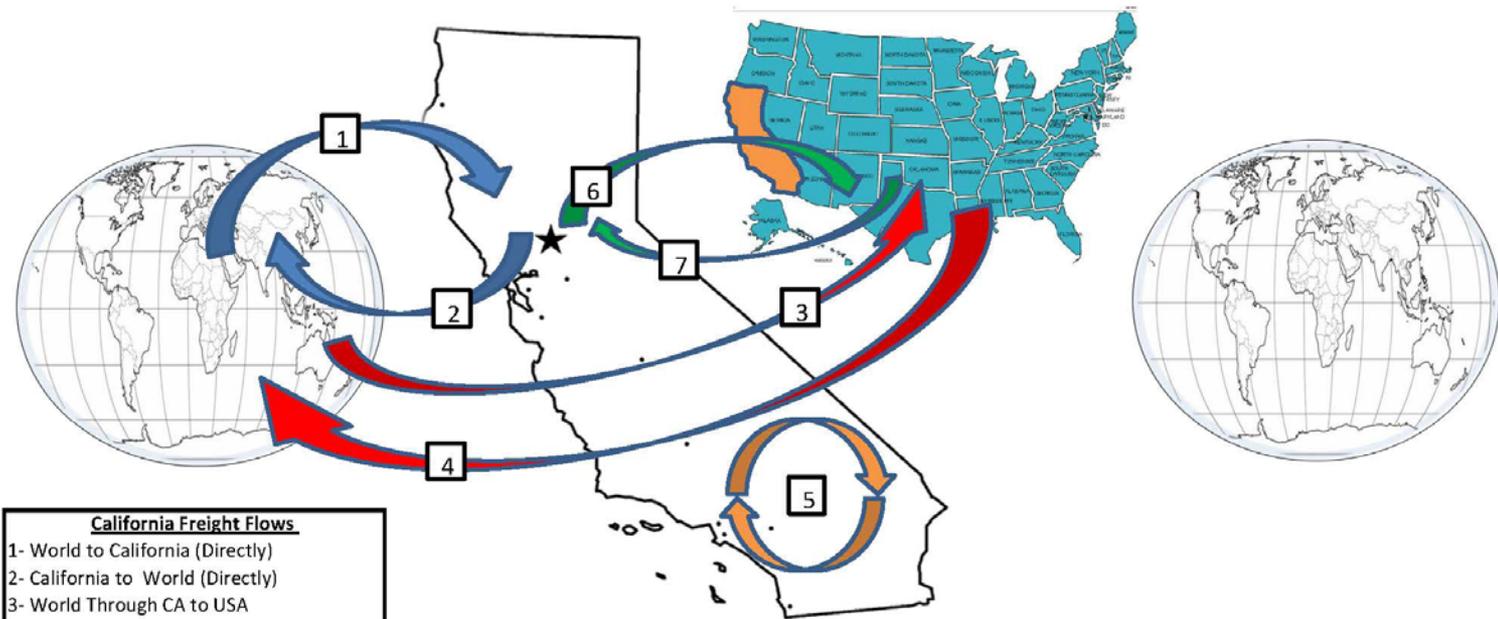
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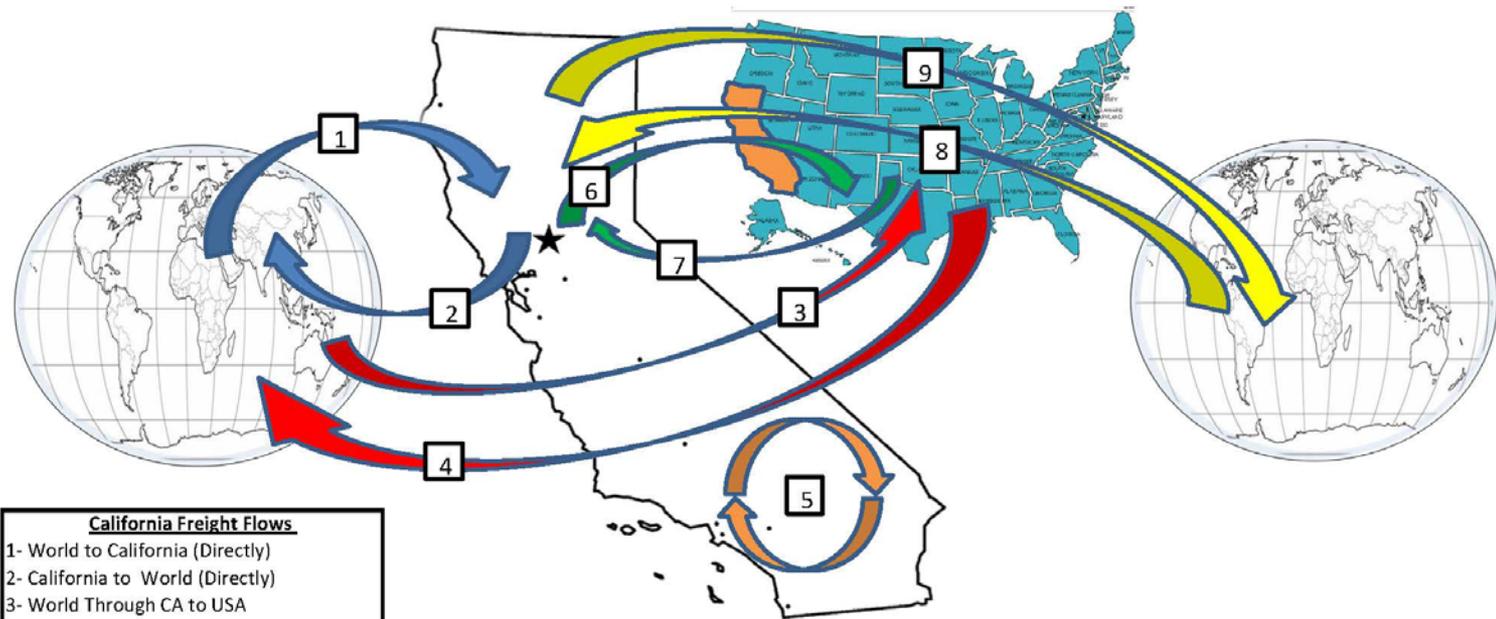
California Freight Flows

- 1- World to California (Directly)
- 2- California to World (Directly)
- 3- World Through CA to USA
- 4- USA Through CA to World
- 5- Within CA
- 6- CA to USA
- 7- USA to CA

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Freight Flows From, To, Within, and Through California



California Freight Flows

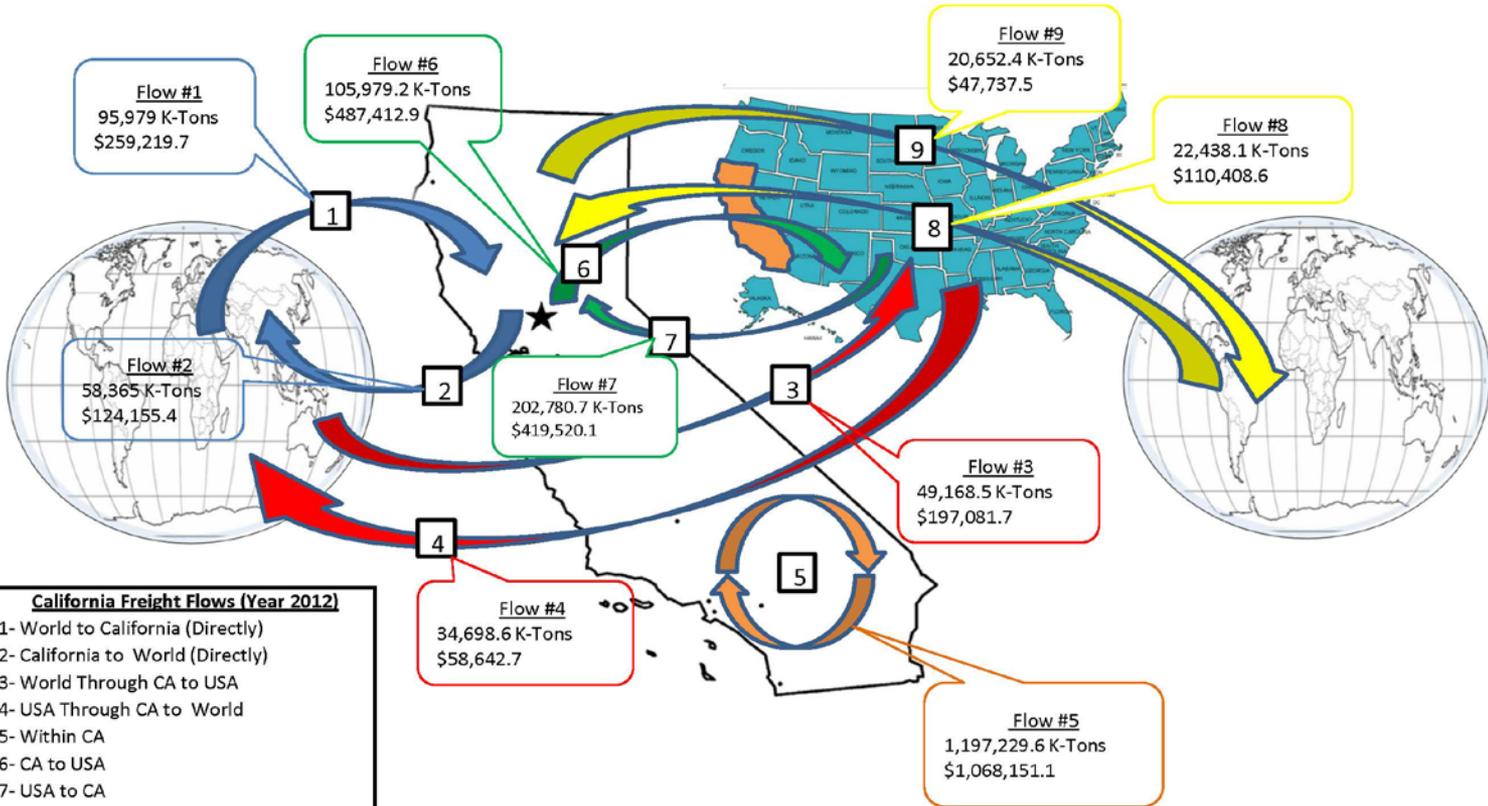
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- 7- USA to CA
- 8- World Through USA to CA
- 9- CA Through USA to World

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Freight Flows From, To, Within, and Through California



California Freight Flows (Year 2012)

- 1- World to California (Directly)
- 2- California to World (Directly)
- 3- World Through CA to USA
- 4- USA Through CA to World
- 5- Within CA
- 6- CA to USA
- 7- USA to CA
- 8- World Through USA to CA
- 9- CA Through USA to World

Note: * Dollars in Millions

* K-Ton = 1,000 Tons

* Figures are based on Freight Analysis Framework (FAF 3.5) data and analysis tools provided by the Federal Highway Administration

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Why?

10

- ❖ Build on success of Trade Corridors Improvement Fund (TCIF) and follow-on to ground breaking Goods Movement Action Plan (GMAP) to identify next set of priorities and projects
- ❖ MAP-21 and Assembly Bill 14 (Lowenthal, 2013)
- ❖ Create a foundation for multi-agency integrated freight, air quality, and energy transition coordination
- ❖ Catalyst to incorporate freight planning at all levels

Where We've Been

- Goods Movement Action Plan (GMAP)
- \$2 billion Trade Corridors Improvement Fund (TCIF)
- The TCIF Program included 79 projects with a total estimated investment of \$8.4 billion (2008)
- California Transportation Commission (CTC) in cooperation with Caltrans, regional coalitions, and freight system owners

TCIF Status

- 81 projects, investment of \$7.2 billion
- 80 projects allocated

- Southern Region: 50 projects
- San Diego Border Region: 10 projects
- North/Central Region: 21 projects





Where We Are

- TCIF in full implementation
- Regional Freight Plans
- MAP-21 and Assembly Bill 14
- California Freight Advisory Committee
- Multi-modal freight network
- California Freight Mobility Plan (Dec 2014)
- Freight Project List



California Freight Advisory Committee

16

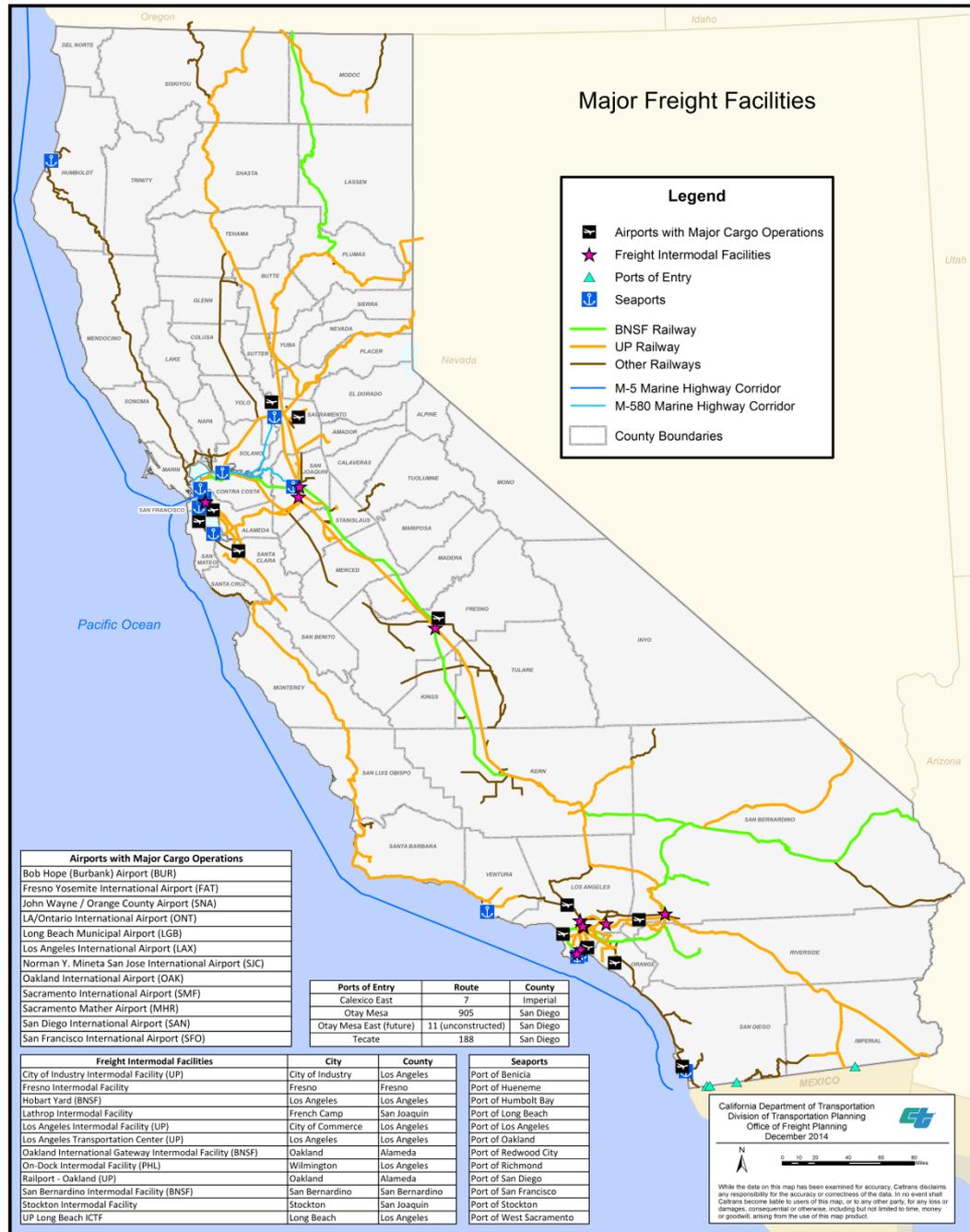
- ❖ Recommended by MAP-21
- ❖ Required by Assembly Bill 14
- ❖ 62 organizations and many stakeholders
- ❖ Freight industry, government, and advocacy organizations
- ❖ Meetings webcast, open to the public, moved around the state for broader access
- ❖ “Permanent” advisory body to the State

Geographic Context

17

- ❖ Gateways
- ❖ Corridors
- ❖ Last mile connectors
- ❖ Hubs
- ❖ Broad Initiatives

Multi Modal Freight System



Gateways









Corridors







Marine Highway Corridors

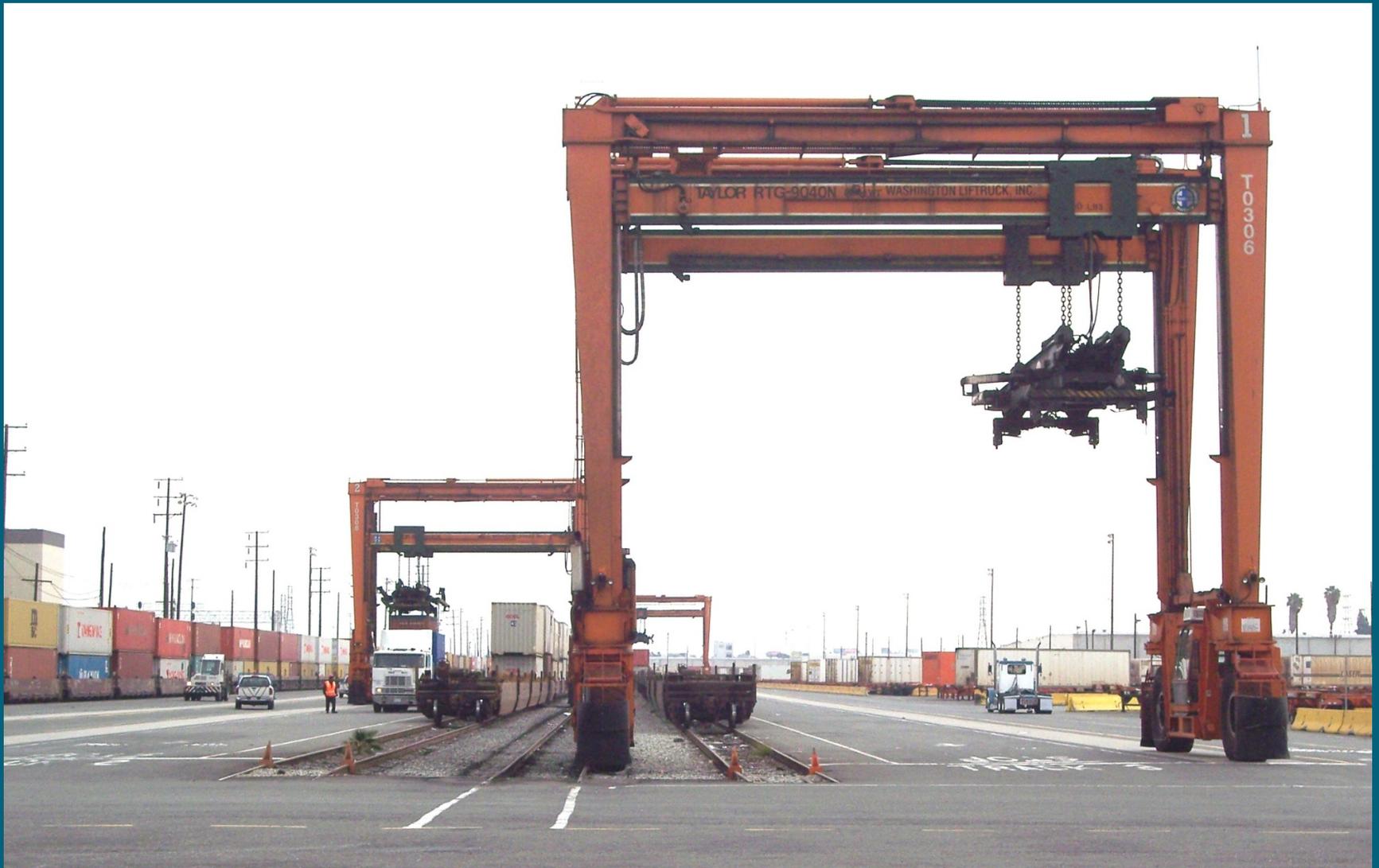


Connectors





Hubs







710: Residents attend meetings

710 PROPOSALS

Assessment agencies studying six...
 They offer the agencies alternative...
 Each of the maps is intended...
 The 710 project is a...
 The 710 project is a...
 The 710 project is a...

San Diego 205 Freeway: The 205 line for some areas from the 10th...
Arroyo 61 Freeway: The 61 line from San Juan to the 10th...
Arroyo 61 Freeway: The 61 line from San Juan to the 10th...

Five places

The 710 project is intended...
 The 710 project is intended...
 The 710 project is intended...

Add your voice

- **Monday:** 7-10 p.m. at...
 • **Tuesday:** 7-10 p.m. at...
 • **Wednesday:** 7-10 p.m. at...
 • **Thursday:** 7-10 p.m. at...
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Broad Initiatives





Strategies

34

- ❖ Maintain and enhance existing assets, *fix-it-first*
- ❖ Apply technology and system operations
- ❖ Reduce and eliminate negative impacts
- ❖ Strategically add new capacity
- ❖ Collaborate
- ❖ Secure dedicated, reliable funding

Project List Categories

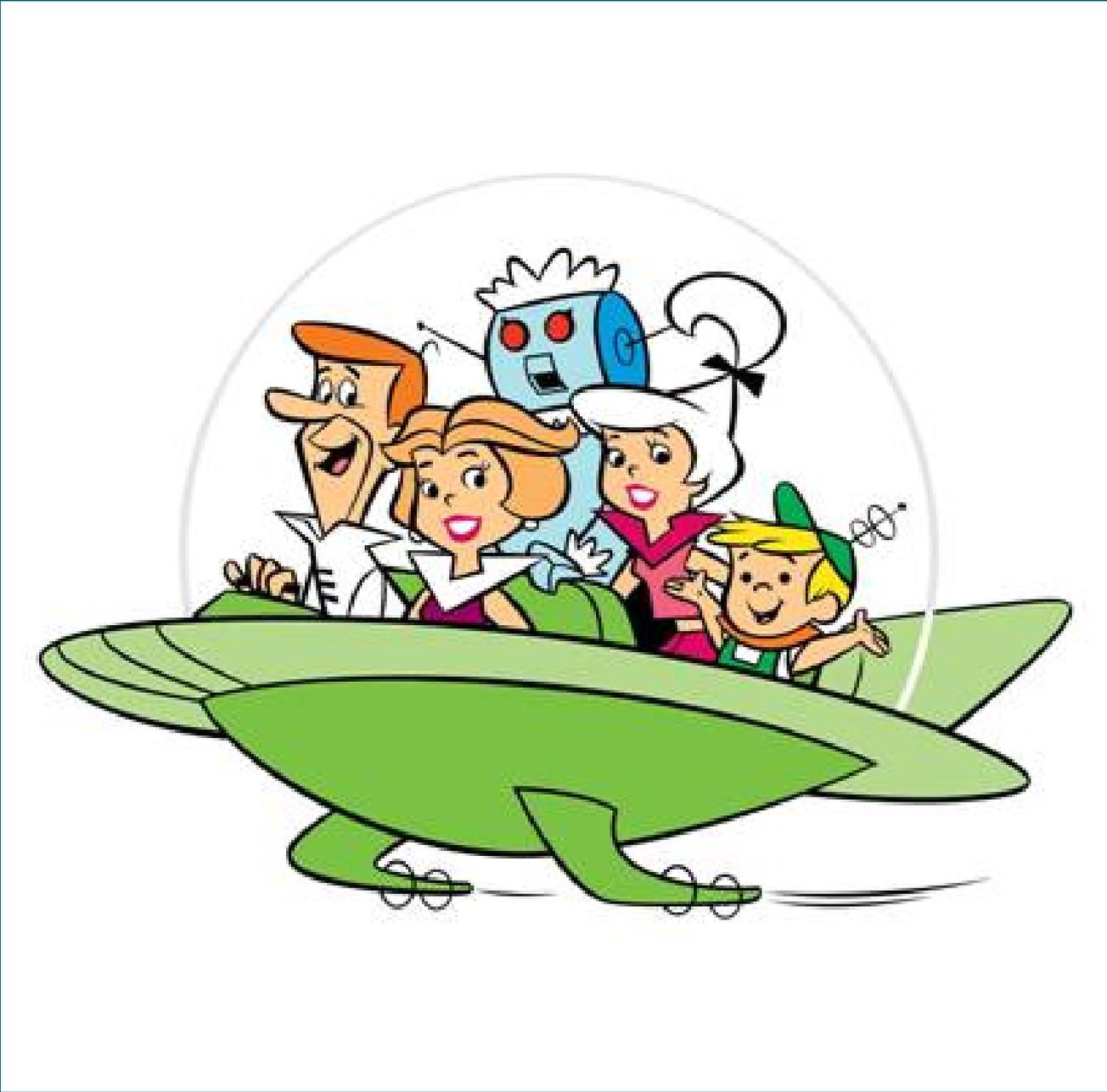
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- ❖ Preservation and Maintenance
- ❖ Operations and System Management
- ❖ Enhance Communities and the Environment
- ❖ Expand Facility Capacity

The Emerging Future

36

- ❖ Interagency coordination leading to multi-agency California Sustainable Freight Strategy
- ❖ MAP-21 final guidance, network and performance measures; federal freight plan
- ❖ Senate Bill 1228 (Hueso, 2014) continues the TCIF Program, makes it eligible to receive other funding, and retains CTC stewardship
- ❖ Dedicated, reliable freight funding?



Move Toward Automation

38

- ❖ Automation of components of the freight transport system will dramatically increase by 2040 and is expected to help achieve significant improvements in safety, reliability, impact reductions, transport speed, freight volumes and efficiency.

Workforce

39

- ❖ Critical to the utilization of advanced technologies is the need for workforce training and labor agreements. The labor force must be able to operate and maintain the new technologies, and labor agreements must be updated to reflect the changes.







In partnership, creating healthier communities and a vibrant freight industry – both are foundation elements of California’s economy.

