

Caltrans Planning Workshop

October 18, 2012

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Chief, Office of System and Freight Planning





Dragon – First Commercial Resupply International Space Station





15 % of National Container Cargo Crosses this Bridge on Trucks





California on the Pacific Rim



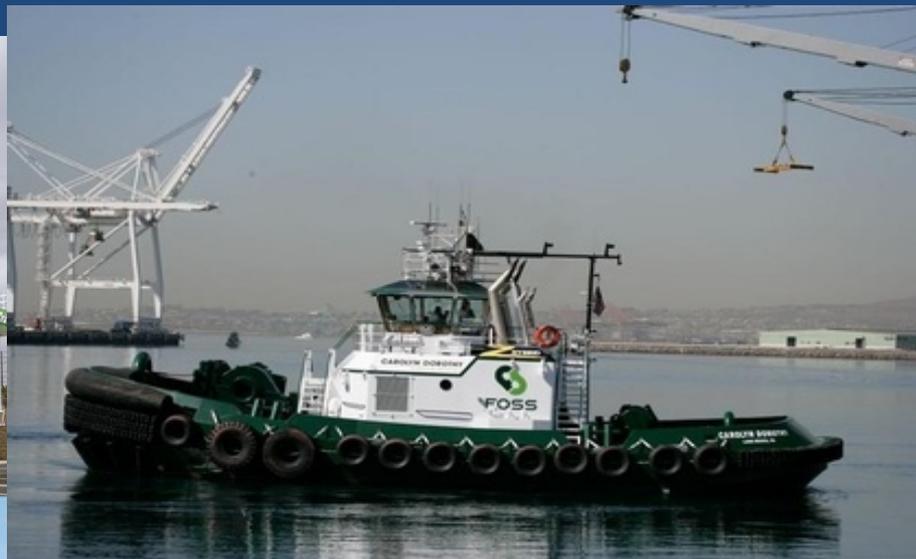
Freight – an Integrated System



Freight Neighbors



Moving toward Zero Emissions



Intermodal – Efficient



Shared Facility Issues



RR vs SHS 2006 spending

\$ in Billions

Class I Railroad Spending*
on Infrastructure
vs.
State Highway Agency
Spending* - 2006

| | |
|-------------------------|---------------|
| Texas | 7.57 |
| Florida | 5.69 |
| California | 4.19 |
| Union Pacific | \$4.17 |
| BNSF | \$3.89 |
| New York | 3.59 |
| Pennsylvania | 3.30 |
| Illinois | 3.30 |
| CSX | \$2.62 |
| Michigan | 2.61 |
| North Carolina | 2.48 |
| Ohio | 2.14 |
| Norfolk Southern | \$2.12 |
| Georgia | 1.88 |

*Capital outlays plus maintenance expenses.

Sources: FHWA [Highway Statistics](#)
Table SF-12; AAR

More Shared Facility Issues



710 Proposed Throughput Solutions

- 4 Exclusive Truck Lanes
- 10 Mixed Flow Lanes
- \$5.58 Billion
- DEIR Summer 2012
- Community Impacts?





710 PROPOSALS

Proposition 710 is a... **Proposition 710** is a... **Proposition 710** is a... **Proposition 710** is a... **Proposition 710** is a...

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710: Residents attend meetings

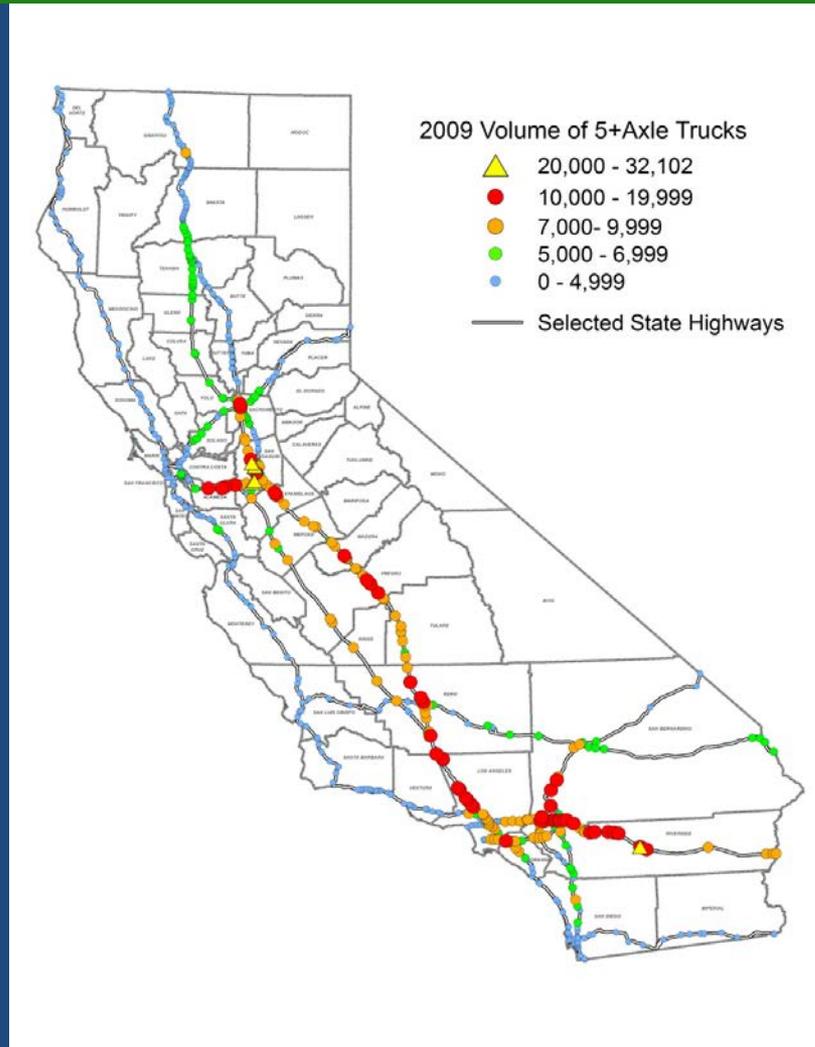
Proposition 710 is a... **Proposition 710** is a... **Proposition 710** is a... **Proposition 710** is a... **Proposition 710** is a...

Add your voice
 Residents are encouraged to... **Add your voice**
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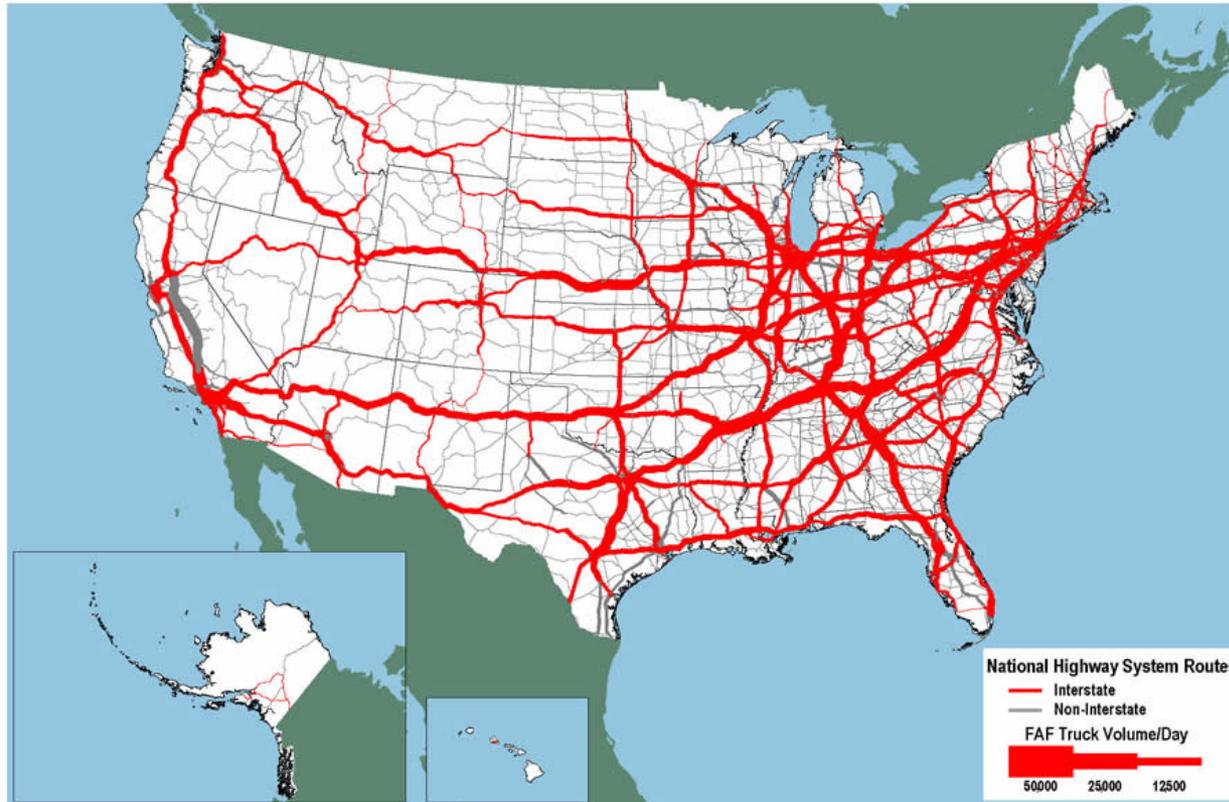


Interregional Truck Corridors



National Comparison - Current

Average Daily Long-Haul Freight Truck Traffic on the National Highway System: 2007



Note: Long-haul freight trucks typically serve locations at least 50 miles apart, excluding trucks that are used in movements by multiple modes and mail.
Source: U.S. Department of Transportation, Federal Highway Administration, Office of Freight Management and Operations, Freight Analysis Framework, version 3.1, 2010.

National Comparison - Future

Average Daily Long-Haul Freight Truck Traffic on the National Highway System: 2040



Note: Long-haul freight trucks typically serve locations at least 50 miles apart, excluding trucks that are used in movements by multiple modes and mail.
Source: U.S. Department of Transportation, Federal Highway Administration, Office of Freight Management and Operations, Freight Analysis Framework, version 3.1, 2010.

So What?

What are the State's interests?

What role does Caltrans have?

How does MAP-21 fit in?

What's this got to do with me
and **you**?

Competition

- West Coast of U.S.
- Canada
- Mexico
- Panama Canal Widening
- Gulf & East Coast
- **California's Response?** -
adapt, improve, provide good jobs, remain competitive on cost and time, address environment

Freight Planning Goals

Improve freight mobility: improved throughput, velocity, reliability, access; reduced congestion.

Improve California's economy: economic development, jobs retention and creation, reduced transport costs.

Freight Planning Goals

Improve California's environment:
reduced air emissions, reduced
community impacts, enhanced
environmental justice.

Increase public safety and security:
reduced roadway and rail incidents,
increased security at ports-of-entry.

Colton Crossing



- 110+ trains per day
- Partners: BNSF, UP, SanBAG, CTC, Caltrans
- \$202 million total project
- Benefits: safety, air quality, noise, congestion reduction, operations efficiency

Trade Corridor Improvement Fund



Northern California Projects

Seaports

4 projects **\$720 million**

Railroads

2 projects **\$79 million**

Grade Separations

1 project **\$38 million**

Highways

6 projects **\$606 million**

Marine Highway



- Ports of Stockton, West Sacramento & Oakland
 - Multiple projects
 - Channel deepening to allow bigger ships
 - Harbor improvements
 - New dock-side equipment
 - Landside access improvements
 - TCIF, TIGER, Port and other funding

MAP-21

National Freight Policy: includes a national 30,000 mile freight network focused largely on the Interstate Highway System, includes increased federal funding share for projects on the network.

State Freight Plans: guidelines under development.

State Freight Advisory Committee: Proposal under review at Caltrans and Agency.

Learn More

<http://www.dot.ca.gov/hq/tpp/offices/ogm/index.html>

http://www.dot.ca.gov/hq/tpp/offices/ogm/freight_planning_fact_sheets.html

http://www.dot.ca.gov/hq/tpp/offices/ogm/california_freight_mobility_plan.html

<http://www.dot.ca.gov/hq/tpp/corridor-mobility/>