

APPENDIX B-7-12: DISTRICT 12 – ORANGE COUNTY

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District 12 covers Orange County, a metropolitan area with 34 cities, south of Los Angeles County, north of San Diego County and west of Riverside County. Only 798 square miles in total area, Orange County is the third largest county in California in terms of population, with a population of 3,055,792 (Orange County Facts & Figures). Orange County geography varies from coastal areas to inland elevations over 5,000 feet. The County is represented by the Orange County Transportation Authority (OCTA).

TRUCKING

Orange County is served by 17 State highway routes. The SR 73, SR 133, SR 241 and SR 261 are Toll Roads. The SR 91 Express Lanes are high occupancy tolling lanes that utilize congestion pricing. District 12 maintains and operates 279 route miles of highway and 266 directional miles of full-time High Occupancy Vehicle (HOV) or carpool lanes, one of the largest such networks in the State.

- As a connecting area between Los Angeles County, San Diego County, and the Inland Empire, District 12 sees considerable truck traffic.
- Interstate (I)-5 (Santa Ana Freeway), State Route (SR)- 55, SR 57, SR 91 and I-405 - all achieve daily truck volumes between 15,000 and 22,000 trucks.
- Many highway-rail at-grade crossings need to be grade-separated to improve mobility and reduce delay.
- Priority highway projects on high volume truck routes are estimated to cost over \$2.0 billion.

RAIL LINES

- District 12 is served by the BN SF Railway (BNSF) and Union Pacific Railroad (UP) main and branch lines.
- BNSF and UP rail lines run through Orange County north and south to primarily serve the industrial and port areas in San Diego and Los Angeles.
- The BNSF line carries an estimated 70 daily freight trains through northern Orange County, through Yorba Linda, Anaheim, Buena Park,

Fullerton, and Placentia; freight volumes are expected to increase.

The Orange County Transportation Plan, 2012, estimated that “75 freight trains traverse Orange County on a daily basis.”

- Along the Los Angeles/San Diego rail corridor (LOSSAN) runs north/south through the county, daily freight train traffic is expected to increase from 6 daily trains to 12 trains by 2025.
- No short line freight railroads operate in District 12.

AIR CARGO AIRPORTS

John Wayne International Airport (SNA)

- SNA ranked 99th in the nation in 2011, carrying 17,209 tons of cargo.
- Main cargo carriers at SNA are FedEx and UPS.
- Noise-based limitations at the airport constrain the carriers’ operations.

TRADE CORRIDORS IMPROVEMENT FUND (TCIF)-SUPPORTED PROJECTS

The following TCIF projects, sponsored by OCTA, are located in District 12 and under construction (TCIF project number are in parentheses):

- SR - 91 Connect Auxiliary Lanes between SR- 57 and I-5 (34)
- State College Boulevard Grade Separation (35)
- Placentia Avenue Undercrossing (36)
- Orangethorpe Avenue Grade Separation (37)
- Kraemer Boulevard Undercrossing (38)
- Lakeview Avenue Overcrossing (40)
- Tustin Avenue / Rose Drive Overcrossing (41)

TRUCK NETWORKS on California State Highways

DISTRICT 12

Map 12 of 12

Not to scale

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LEGEND

(CLICK HERE FOR MORE DETAILED LEGEND)

-  National Network (STAA)
-  Terminal Access (STAA)
-  California Legal Network
-  Ca Legal Advisory Route
- 30** KPR* Advisory

*KPR = kingpin-to-rear-axle distance



California
Department of Transportation
Truck Size Unit



SOURCES AND ADDITIONAL INFORMATION

Caltrans District 12 website: <http://www.dot.ca.gov/dist12/>.

Caltrans Office of Truck Services: <http://www.dot.ca.gov/hq/traffops/trucks/>.

John Wayne Airport website: <http://www.ocair.com/newsroom/factsataglance.aspx>

Orange County Transportation Authority: http://www.octa.net/goods_movement.aspx.

Orange County Transportation Plan, 2012 <http://www.octa.net/pdf/finallrtp.pdf>