



## **SURFACE TRANSPORTATION NETWORK TRUCKING**

### *Primary North-South Routes*

- I-880 and I-680, US 101, and SR 29

### *Primary East-West Routes*

- I-580 and I-80 (western leg of a national freight corridor), SR 12, SR 152, and SR 4

Of the three main Bay Area cargo airports, OAK offers the best access and connections to major interstate highways.

No trucks over 4.5 tons are allowed on I-580 from Foothill Boulevard in San Leandro to Grand Avenue in Oakland.

## **SEAPORTS AND RAIL LINE ACCESS**

- The Bay Area's largest and busiest seaport, Port of Oakland is located nine miles from OAK.
- Both Union Pacific and BNSF Railway provide Class I rail service to the Port.
- Several port/rail projects in the Oakland/Richmond areas will help reduce delays, increase efficiency, improve convenience, and increase terminal capacity for cargo.

## **PLANNED PROJECT**

Improvements are planned for the Port's Perimeter Dike which separates OAK's South Field airfield from the San Francisco Bay and protects the essential airfield, terminal and access roadway facilities. The environmental review and project design are now complete. Improvements include: (1) repairing slopes to meet Federal Emergency Management Agency standards, (2) strengthening and increasing elevation of the dike to resist flooding and future sea level rise.

## **OTHER AIRPORT FACTS**

- In 2012, OAK ranked the 13<sup>th</sup> largest air cargo airport in the nation by the North America Airports Council International (ACI), with nearly 539,000 tons transported.
- By 2035, air cargo is expected to increase by 65 percent at OAK.
- In 2005, FedEx activated California's then-largest corporate solar power installation that continues to reduce demand on the utility grid.

- In 2014, Norwegian Air Shuttle introduced OAK's first scheduled, year-round nonstop flights to Europe, carrying both passengers and cargo.
- In 2014, the BART-Oakland Airport Connector (OAC) replaced the AirBART shuttle bus service to improve access between the airport and BART's regional rail transit system at its Coliseum Station. It serves both OAK passengers and employees with reliable scheduled service that is safe, convenient, and predictable.

## **CONSTRAINTS AND ISSUES**

- OAK has an active Noise Management Program, working in cooperative relationships with local communities. OAK has developed and implemented a wide range of abatement procedures to mitigate aircraft noise.
- Dray trucking in and around the Port of Oakland extending into the San Joaquin Valley contributes to roadway congestion, safety issues, environmental, and pavement damage and impacts to the surrounding communities.
- Federal Highway Administration (FHWA) identified I-80 at I-580/I-880 (Bay Bridge approach) among the worst freight bottlenecks in California's supply chain.

## **CALTRANS FOCUS AREAS**

- Ways to alleviate highway bottlenecks along truck routes.
- Improve pavement conditions due to truck damage.
- Support the Marine Highway Project (barge service between the Ports of Oakland, Stockton, and West Sacramento) that can reduce truck traffic and congestion.
- Plans for handling sea level rise to ensure freight accessibility.

## **TRANSPORTATION PLANNING PARTNERS**

Association of Bay Area Governments (ABAG):

<http://www.abag.ca.gov/>

Bay Area Air Quality Management District

(BAAQMD): <http://baaqmd.gov/>

Metropolitan Transportation Commission (MTC):

<http://www.mtc.ca.gov>

Port of Oakland: <http://portofoakland.com>

## SOURCES

Air Cargo Mode Choice and Demand Study (2010), prepared for Caltrans by TranSystems:

[http://www.dot.ca.gov/hq/tpp/offices/ogm/key\\_reports\\_files/Air\\_Cargo\\_Mode\\_Choice\\_&Demand\\_Study\\_080210.pdf](http://www.dot.ca.gov/hq/tpp/offices/ogm/key_reports_files/Air_Cargo_Mode_Choice_&Demand_Study_080210.pdf)

Air Cargo World: <http://www.aircargoworld.com>

Caltrans Office of Truck Services:

<http://www.dot.ca.gov/hq/traffops/engineering/trucks/truck-length-routes.htm#step-2>

Goods Movement Action Plan (2007), California Air Resource Board and Business, Transportation and Housing: <http://www.arb.ca.gov/gmp/docs/gmap-1-11-07.pdf>

Goods Movement Initiative, MTC, 2009 Update:

<http://www.mtc.ca.gov/planning/rgm/background.htm>

MTC Regional Airport Planning:

[http://www.mtc.ca.gov/planning/air\\_plan/](http://www.mtc.ca.gov/planning/air_plan/)

OAK Airport Development Program (ADP):

[http://www.oaklandairport.com/airport\\_construction\\_airport\\_dev\\_program.shtml](http://www.oaklandairport.com/airport_construction_airport_dev_program.shtml)

Regional Goods Movement Study for the San Francisco Bay Area, MTC (2004):

<http://www.mtc.ca.gov/planning/rgm/>