

APPENDIX B-4-6: PORT OF OAKLAND

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Port Website

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Caltrans Contacts

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Located in Alameda County on the eastern shore of San Francisco Bay, the Port of Oakland (Port) is an international gateway and an economic engine for the region, while also being known for its innovative environmental programs. Established in 1927, it was the first port on the U.S. West Coast to pioneer containerization. It is closer to Asia – a major trading partner – than the southern California ports by 300 nautical miles.

The Port is an independent department of the City of Oakland and is managed by the Oakland Board of Port Commissioners. It funds its own operations, receives no local tax dollars from the City, and supports businesses that return millions of dollars in tax revenue to the City and State. It supports more than 73,000 jobs in the San Francisco Bay region



and is tied to nearly 827,000 jobs across the country. The Port was designated by the U.S. Department of Defense as one of 16 National Strategic Ports, because it has the infrastructure necessary to provide rapid military deployment. The Port owns and operates Oakland International Airport, commercial real estate (including Jack London Square), and hundreds of acres of public parks and conservation areas.

PORT INFRASTRUCTURE

Channel depth	50 ft. (Dredged annually)
Maritime area	1,210 acres
Port area ¹	16,000 acres
Marine terminals	5 (779 acres)
Deepwater berths	18
Waterfront	20 miles
Gantry Cranes	36 (30 Post Panamax)

MAJOR TRADING PARTNERS BY VALUE – EXPORTS 2013

PERCENTAGE

Japan	22
China	17
South Korea	9
Taiwan	6
Hong Kong	5
Other Countries	41

PORT TRADE CHARACTERISTICS

TOP IMPORTS

Machinery	Fruit and Nuts
Apparel	Electrical Machinery
Electrical Equipment	Meats
Furniture	Food Stuffs
Wine and Spirits	Wine and Spirits

TOP EXPORTS

MAJOR TRADING PARTNERS BY VALUE – IMPORTS 2013

PERCENTAGE

China	48
Taiwan	6
Japan	5
Australia	4
Vietnam	4
Other Countries	33

¹ Includes airport, commercial real estate, parks & conservation areas

PORT TRADE CHARACTERISTICS

- Imports/exports valued at \$40.5 billion (2013)
- 1,874 Cargo Vessel Arrivals (2013)
- Port revenues: maritime 48%, aviation 48% and 4% commercial real estate (FY2013)
- Launched “Export Promotion Initiative” to increase demand for U.S. agricultural products abroad (2012)

PORT RELATED PROJECTS

- *Oakland Global Logistics Park* – The Port and city of Oakland are jointly redeveloping the former Oakland Army Base into a modern trade and logistics center. The 360-acre site will be transformed into logistics buildings, a bulk terminal, truck service area, and recycling center. The Port intends to take advantage of the site’s proximity to the Port’s ocean and rail transportation hubs to attract new cargo to move through Oakland. The Port has further plans for a new intermodal terminal and grade separation project at 7th Street to further enhance Oakland’s rail service.
- *I-880 Reconstruction, 29th and 23rd Avenues* – Replace overcrossing structures and ramp improvements. *Funds allocated*
- *Phase I Intermodal Rail Project* – Proposed project to develop Rail Project on the former Oakland Army Base (OAB).
- *Richmond Rail Connector Project* – This project will improve BNSF Railway’s ability to ingress and egress the port and improve its intermodal rail service.
- *Shore Power Project* (shore-to-ship connection to provide electrical power to ships) construction completed November 2013 for approximately \$70 million.

SURFACE TRANSPORTATION NETWORK &

INTERMODAL FREIGHT CONNECTIONS

Highway Access Routes

I-80	North and eastbound
I-580/I-238	Eastbound
I-980	Eastbound
I-880	Southbound

Trucking

- Federal Highway Administration identified I-80 at I-580/I-880 (Bay Bridge approach) as among the worst freight bottlenecks in California’s supply chain.
- The Port has a Maritime Comprehensive Truck Management Plan to address multiple concerns around drayage trucking including safety,

security, environmental concerns, traffic congestion, and pavement issues.

Freight Rail

- Union Pacific (UP) and BNSF each operate intermodal terminals at the Port. The UP mainline runs through Oakland, with direct routes north, south, and east. BNSF operates on the UP mainline between Oakland and Richmond, where its mainline terminates. BNSF’s transcontinental route runs south through the Central Valley, across the Tehachapi Mountains to the Mojave Desert and beyond to Texas and the Midwest. UP’s primary east-west route serving Oakland runs through Sacramento and Donner Pass to Salt Lake City, Denver, and beyond.
- The Oakland International Gateway (OIG) and Oakland Railport feature loading and unloading tracks, container staging, and serve BNSF and UP respectively at the Port.
- The Oakland Terminal Railway, jointly owned and operated by UP and BNSF, is being transitioned out, with the Port and City planning to enter into contract with a new railroad, Oakland Global Rail Enterprise, to provide rail service at the OAB logistics park.
- The Port and City have commenced construction on the rail, road, and utility infrastructure for the new logistics park. The new infrastructure will replace the Army facilities built in the 1940’s before containerization. The new utility network will be installed along roads and in dedicated corridors. The rail network includes approximately 40,000 feet of new storage track, capable of accommodating two trains per day of bulk cargo, and over 20,000 railcars per year of cargo for various logistics companies such as refrigerated meat, grain, and other cargoes.

MAJOR PORT ISSUES

- Seaport security
- Navigation maintenance - channel dredging
- Air quality and community health impacts
- Intermodal road and rail access
- Secure funding and financing
- Healthy trucking industry

CALTRANS FOCUS AREAS

- Freight congestion on I-80
- Freight corridor pavement damage
- Environmental and community issues
- Global and domestic port competitiveness
- Port is not a first port of call

Freight Planning Fact Sheet

KEY PLANNING & PARTNER AGENCIES

- Metropolitan Transportation Commission (MTC)
- Association of Bay Area Governments
- Bay Area Air Quality Management District
- California Air Resources Board
- Caltrans
- U.S. DOT Maritime Administration
- U.S. Army Corps of Engineers

MAJOR PLANS AND STUDIES

Plan Bay Area--Regional Transportation Plan, March 2011, Metropolitan Transportation Commission (MTC), http://onebayarea.org/plan_bay_area/

Maritime Air Quality Improvement Plan, April 2009, http://www.portofoakland.com/environm/prog_04c.asp

Change in Motion –Transportation 2035 Plan for the San Francisco Bay Area – Final April 2009,

http://www.mtc.ca.gov/planning/2035_plan/FINAL/T2035_Plan-Final.pdf

Goods Movement Initiatives 2009 Update (MTC), February 2009,

Http://www.mtc.ca.gov/planning/2035_plan/Supplementary/T2035_Goods_movement_update.pdf

Goods Movement Land Use Project for San Francisco Bay Area – December 2008 (MTC),

http://www.mtc.ca.gov/planning/rgm/final/Final_Summary_Report.pdf

Regional Goods Movement Study for the San Francisco Bay Area – Final Summary Report, December 2004,

MTC, <http://www.mtc.ca.gov/pdf/rgm.pdf>

The Port of San Francisco Waterfront Land Use Plan, Adopted by Port Commission 1997, <http://www.sf-port.org/index.aspx?page=199>

SOURCES AND ADDITIONAL INFORMATION

Association of Bay Area Governments (ABAG), <http://www.abag.ca.gov/>

American Association of Port Authorities (AAPA), <http://www.aapa-ports.org/home.cfm>

Bay Area Air Quality Management District (BAAQMD), <http://www.baaqmd.gov/>

California Air Resource Board (CARB), <http://www.arb.ca.gov>

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

California Ports, <http://www.californiaports.org/>

Center for International Trade and Transportation (CITT) – <http://www.amp.csulb.edu/ccpe/citt>

Export Promotion Initiative: <http://www.portofoakland.com/newsroom/pressrel/view.asp?id=261>

Marine Highway Program –

http://www.marad.dot.gov/ships_shipping_landing_page/mhi_home/mhi_home.htm

MTC, Regional Goods Movement Study for the San Francisco Bay Area,

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

Trade Corridor Improvement Fund (TCIF): <http://www.dot.ca.gov/hq/tpp/offices/ogm/tcif.html>

World Port Source – http://www.worldportsource.com/ports/USA_CA_Port_of_Oakland_231.php