

Marine Highway M-580

Sponsor: Port of Stockton, California

Supporters: Bay Area Air Quality Management District, San Joaquin Valley Air Pollution Control District, Port of Oakland, and the Port of West Sacramento

Landside Route Served: Interstate-580

Route Description:

The M-580 Route connects to the M-5 route and includes the San Joaquin and Sacramento Rivers, and connecting commercial navigation channels, ports, and harbors, in Northern California from Sacramento to Oakland.

NORTH PACIFIC OCEAN

Attributes:

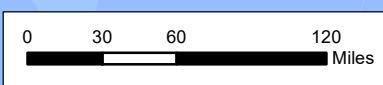
I-580 is one of the most congested highways in the nation, and has been identified by the U.S. Department of Transportation as having significant annual truck hours of delay. Approximately 25 percent of the Port of Oakland's volume travels to and from the San Joaquin Valley of California, an area already recognized for some of the country's worst air pollution. The Port of Oakland's volume is expected to increase and further exacerbate the Valley's congestion and air quality issues.

An increased movement of freight by water could help to relieve this situation. In 2007, nearly 3.4 million tons of waterborne cargo, mainly bulk goods, moved through the Port of Stockton via the Stockton Deepwater Ship Channel and San Joaquin River, underscoring the potential capacity of this waterway system. One example of the potential for waterborne freight movements along this Route is a proposed marine highway service between the Ports of Oakland, Stockton, and West Sacramento. Fully implemented, it could eliminate 180,000 truck trips from I-580, I-80, and I-205 annually, saving approximately 7-million gallons of fuel and reducing air emissions in the process.



Marine Highways

- M-580
- Other Marine Highway Routes



Projection:
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Data Sources:

1. International Boundaries: IPUMS (<https://international.ipums.org/international/gis.shtml>)
2. Bathymetry data: Michael Baker International
3. Marine Highways: MARAD/DOT