

Port of Los Angeles Capital Improvement Plan

Shaun Shahrestani Chief Harbor Engineer April 13, 2022



Port of Los Angeles at a Glance

- Founded in 1907
- Non-taxpayer supported
 - **Business port model**
 - 4,300 acres land (1,740
 - hectares)
- 43 miles of waterfront
- 270 berths and 27 cargo
 - terminals
- 7 container terminals
- 86 cranes

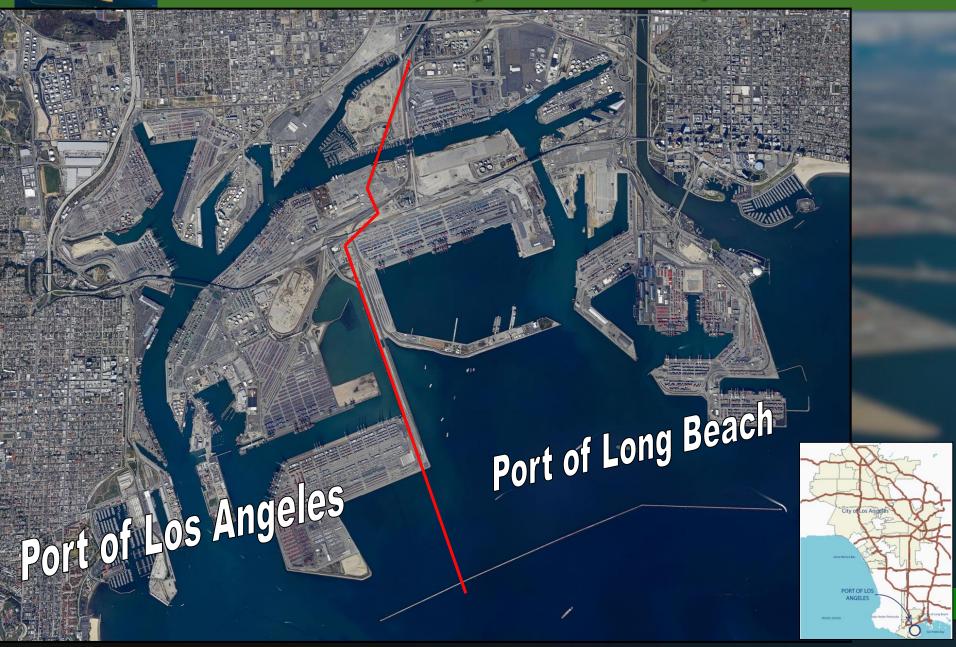


Harbor Department
Administration
Building





San Pedro Bay Port Complex



Governance

- Governed by the Harbor Commission
- Proprietary Department of the City of LA
- Tidelands Trust Agreement with State of California
- Marine Terminal Operator and Shipping Lines under the Federal Maritime Commission (FMC)

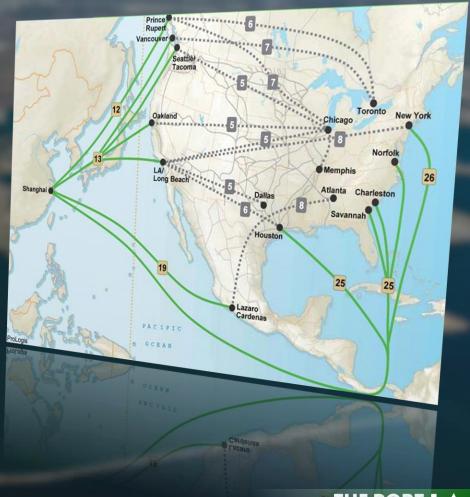




Gateway of Connectivity

- 22 Million Consumers in the LA Region
- 100 Trains Daily to and from the LA Basin
- Access to Major Freight Hubs:
 - Chicago
 - Memphis
 - San Antonio
 - Kansas City
 - New York

- Atlanta
- o Houston
- o Denver
- o Dallas





America's Port

10+ Million TEUs CY 2021

- #1 U.S. Container Port
- Imports and Exports to Every Corner of the U.S.
- Economic Engine
- Diverse Uses
- Connectivity to U.S. Markets
- Gateway to the Pacific Rim



Diversity of Uses



Top Five Trading Partners







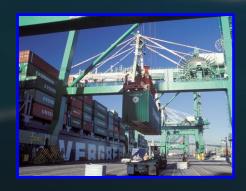
Types of Cargo Facilities

- Liquid Bulk (7)
- Warehouses (4)
- Cruise (2)
- Break Bulk (3)
- Dry Bulk (2)
- Automobile (1)
- Container (7)



Key Challenges Facing The Port

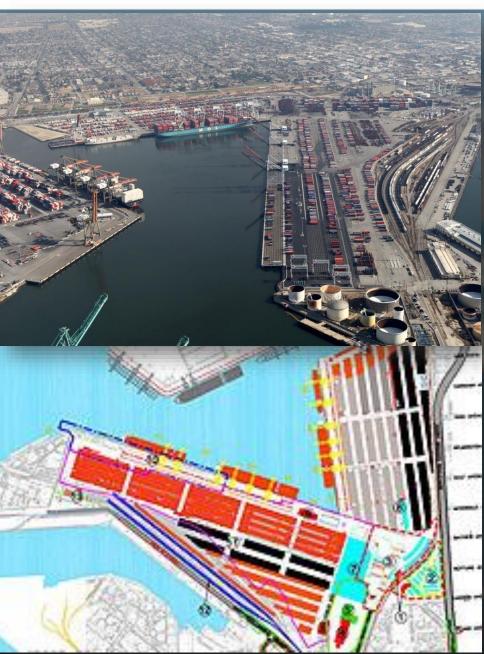
- Cargo Growth/Diversion
- Supply Chain Congestion
- Increase in Ship Size 18 to 20,000 TEU vessels Shipping line alliances
- Terminal Automation Labor negotiations, Embracing technology to stay competitive
- Security
- Environmental
- Community



CMA CGM Benjamin Franklin (18,000 TEUS) December 26, 2015



TraPac Automated Terminal (B136-147)



Project Elements

- Bldgs-New Admin, (10 Bldgs)
- Backlands 176 ac existing; 70 new ac
- Intermodal Container Transfer Facility (ICTF)
- Wharves 705' new; 1022' reconstruction
- Gates new main gate

Schedule

Phased Project –

- Construction Started: 2008
- Completed: 2017

Cost

• \$500 Million

TRAPAC - Berths 136-147 Aerial Photo



Environmental Leadership

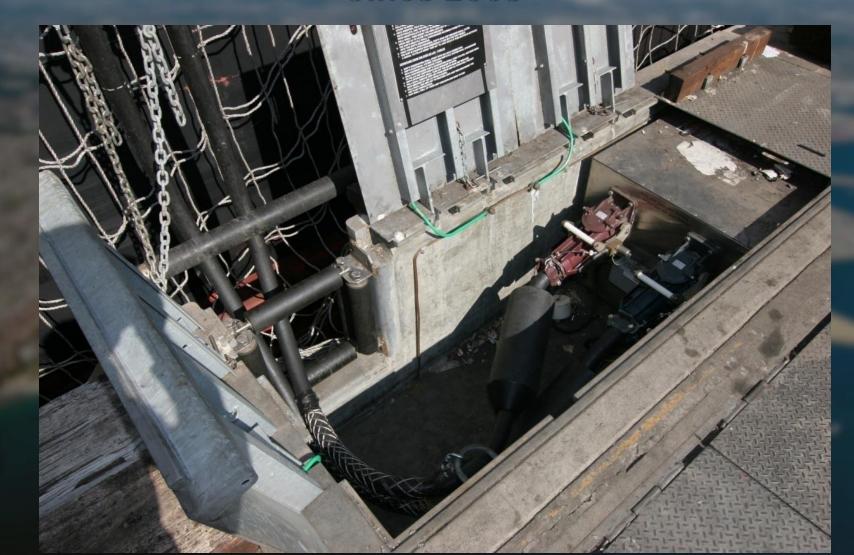


- Clean Air Action Plan (CAAP)
- Clean Truck Program
- Alternative Maritime Power (AMP)
- Others



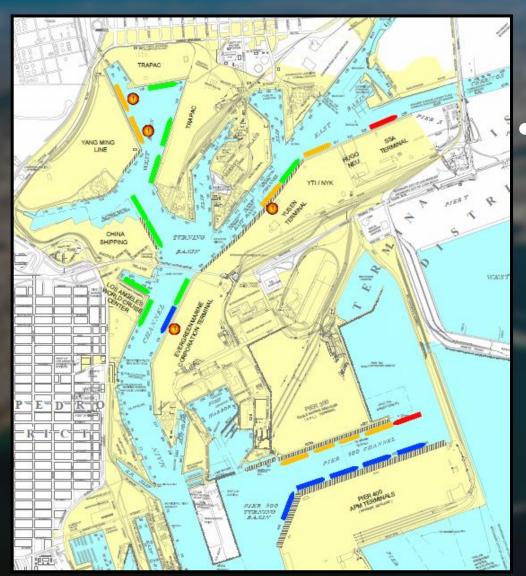
Alternative Maritime Power (AMP)

Approximately \$200 mil in AMP improvements
Since 2003



AMP System





- 23 Berths Completed and Operational
 - 21 Container Berths
 - 2 Cruise Berths

Air Emission Reductions

Nitrogen Oxides

Greenhouse Gases

Sulfur Oxides

Diesel
Particulate
Matter

Container Volume



Capital Improvement Program 1997 - 2022







Everport Container Terminal Upgrade





Purpose: Upgrades to Serve Mega-ships

- Deepen waterside berths
- Bollard & Fender upgrades
- Expand backland for more greater container capacity & handling
- Additional AMP capability
- Provide for 3 additional cranes to service largest ships



Project Total

\$65M

Construction Start: Sept. 2019
Construction finish: Mar 2022

Project Highlights:

- + 2,800 LF wharf upgrade
- + -53' & -47' draft
- 1.5 acre backland

- + 5 AMP vaults
- Improvements for 3 additional cranes (11 total)

Alameda Corridor Southern Terminus Gap Closure





Construction start

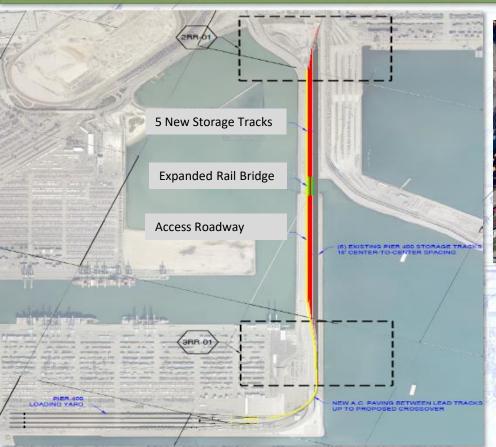
March 2021

Construction cost

\$11,000,000

Pier 400 Corridor Storage Track Expansion







Construct five new railroad storage tracks, new crossovers and switches

Extend the existing rail bridge

Construction Cost: \$50M

Construction: February 2022

Berths 177-178 Wharf Restoration





Construction Cost Estimate: \$9,100,000 Anticipated Advertise Date: May 2022

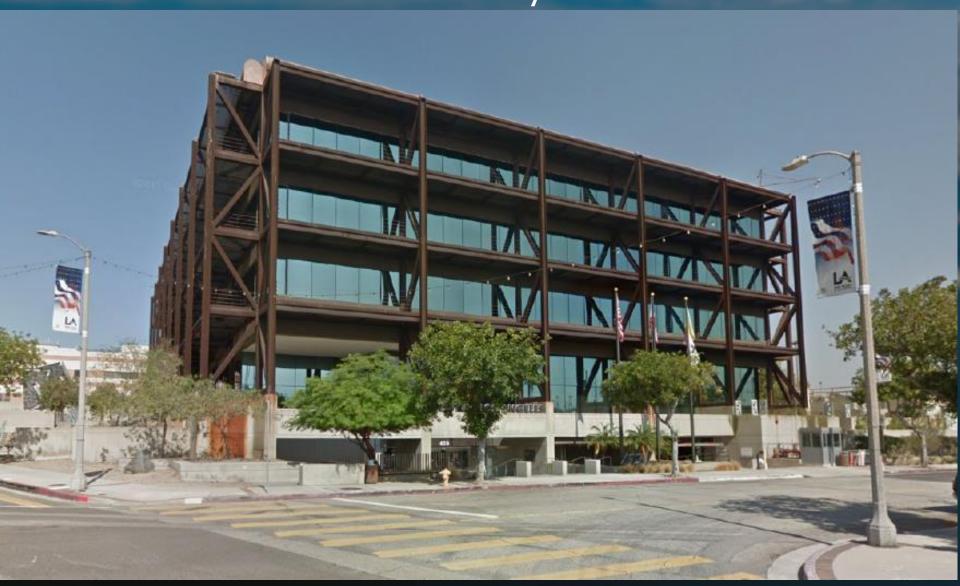
Front Street Beautification





Construction Cost Estimate: \$4,100,000 Anticipated Advertise Date: June 2022

Harbor Administration Building – HVAC Replacement \$10 Million Advertise May 2022



Marine Oil Terminals (MOTEMS)

Berths 167-169 (Shell) - \$23.0 Million Berth 238-239 (PBF Energy) - \$17.5 Million Berth 164 (Valero) - \$19 Million Berth 148-149 (Phillip 66) - \$3.2 Million Berths 150-151 (Phillip 66) - \$16.5 Million

Under Construction
Advertise July 2022
Advertise TBD
Advertise TBD
Advertise TBD



SR 47/Vincent Thomas Bridge & Front Street/Harbor Blvd Interchange Reconfiguration



Pier 300 Terminal





Project Elements

- 1250' Wharf
- 40 Ac. Backland
- Building Modifications
- AMP Schedule
 - Conceptual Design: ongoing
- Construction Start: TBD

Cost

• TBD

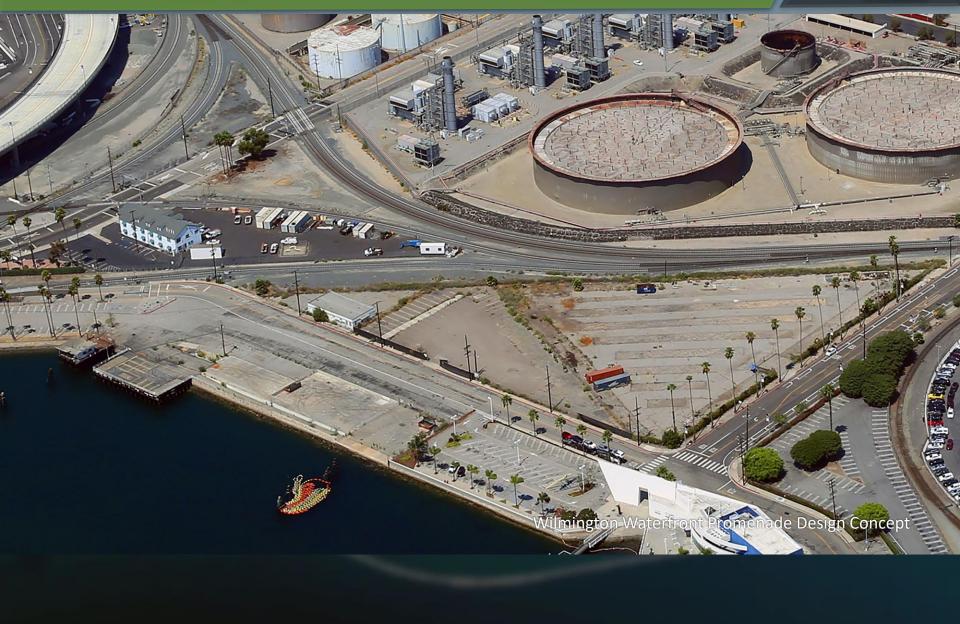


WILMINGTON WATERFRONT



Wilmington Waterfront Promenade





Wilmington Waterfront Promenade





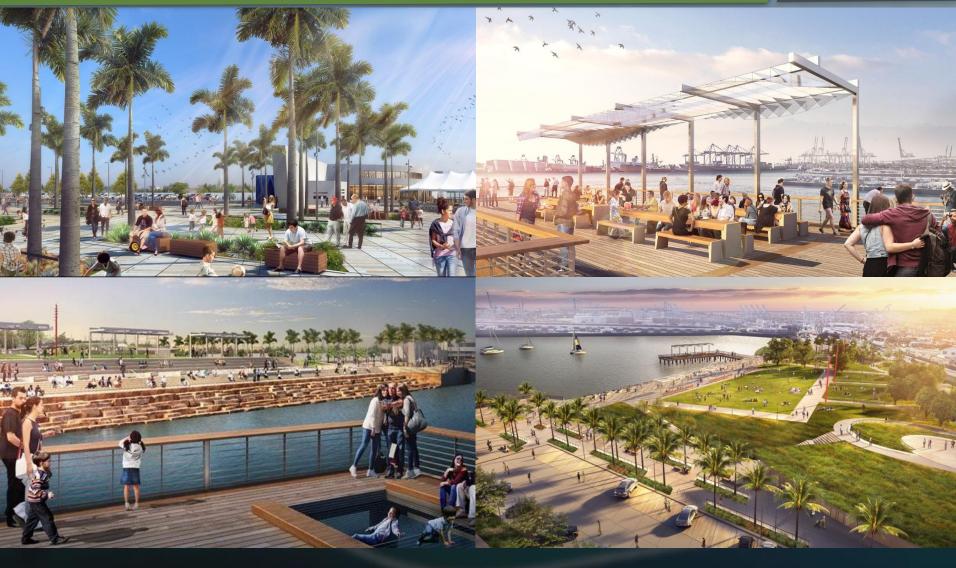
• Cost: \$53,000,000

• Design Complete: May 2020

• Construction: Dec. 2020 to Dec. 2022

Wilmington Waterfront Promenade





Wilmington Waterfront Avalon Promenade and Gateway





Avalon Promenade & Gateway





- Cost: \$24,000,000
- Design Complete: End of 2022
- Construction: 2023-2025



West Harbor (Formerly known as Ports' O Call)

TS+ P

overall landscape concept

linking key missing connections, creating new amenities and a destination civic space



West Harbor (Formerly known as Ports O'Call)



San Pedro Waterfront Town Square & Promenade



• City Improvements:
Phase I Promenade, Town Square, Floating Docks

• Cost: \$44M

Construction: Sept. 2019 – September 2021

Phase II Promenade, Town Square, Floating Docks

• Cost: \$16M

Construction: September 2022 – February 2024

West Harbor – Private Develoment





Business Opportunities

- Construction Contracts
 -Lowest Responsive Responsible Bidder
- Professional Services Agreements
 - SOQ/RFP Process
- POLA Outreach Program (new firms are encouraged!)
- Small & Very Small Business Program

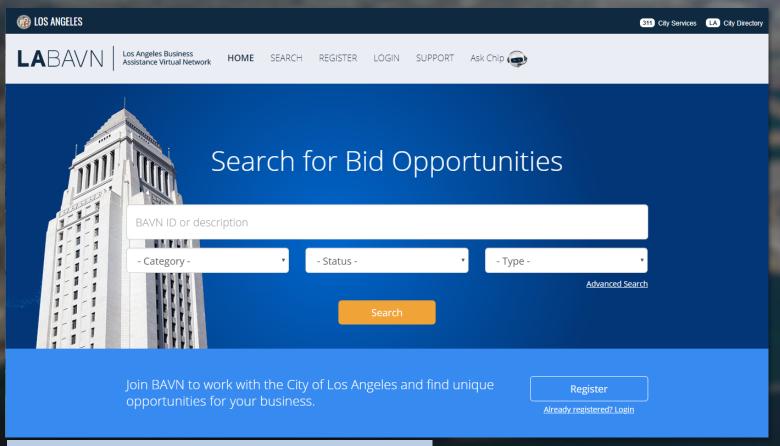
Don't forget to periodically check the Port's website...



https://www.portoflosangeles.org

Small Business Enterprise Program

- Proprietary Small Business Enterprise
- Very Small Business Enterprise Harbor
- Local Business Preference Program



https://www.labavn.org

For Construction Contract Opportunities Visit:

https://www.portoflosangeles.org/business/contractingopportunities/construction-bids

Register as a vendor to receive notification

Port of Los Angeles CDBON

Vendor Portal

LOGIN REQUIRED

LOGIN REQUIRED



NEW VENDOR REGISTRATION

Create a new vendor record. If you wish to view or edit an existing vendor, simply Log In.



BID OPPORTUNITIES

Search and bid electronically on opportunities with this agency, download documents, and become a prospective bidder.



MY CONTRACTS

Manage your awarded contracts, record payments, add subcontractors, produce reports and charts.



CERTIFIED VENDORS

Find Certified Vendors



LOGIN REQUIRED

LOGIN REQUIRED

CONTRACTS

View public information regarding agency contracts.



MY INSURANCE

View and fulfill insurance requests / requirements.

