



Port of Los Angeles Capital Improvement Plan

Shaun Shahrestani – Chief Harbor Engineer

April 18, 2023

Wilmington

San Pedro Bay Port Complex



Downtown Long Beach

Terminal Island

Port of Los Angeles

Port of Long Beach

San Pedro

Port of Los Angeles Overview



- Harbor Department founded in 1907
- State Tidelands Trust granted 1911
- Non-Taxpayer Supported
- Handles Cargo to & from every corner of the U.S.
- By the Numbers:
 - *7,500 acres land*
 - *-53 feet water depth*
 - *43 miles of waterfront*
 - *270 berths*
 - *25 cargo terminals*
 - *116 miles of rail*

Port of Los Angeles Container Volume



9.9 million TEUs
CY - 2022

North American Ranking (2022)

1. Los Angeles	9.9
2. NY/NJ	9.5
3. Long Beach	9.1
4. Georgia	5.9
5. Port Houston	4.0
6. Virginia	3.7
7. Northwest Seaport	3.4
8. South Carolina	2.8
9. Oakland	2.3
10. Jaxport	1.3

Container Terminal Facilities



TRAPAC

1

Land area: 185 acres (75 hectares)
Total berth length: 5,400' (1,646 meters)
Berths: 4
Water depth: 45' – 53' (13.7 – 16.1 meters)
Cranes: 10 Post-Panamax cranes
Gate: 17 lanes
On-dock rail: 8 tracks = 20,600' (6,278 meters)
Reefer plugs: 685

EVERGLADES COMPANY TERMINAL (WBCT)

2

Land area: 186 acres (75 hectares)
Total berth length: 2,500' (762 meters)
Berths: 2
Water depth: 45' (13.7 meters)
Cranes: 5 Post-Panamax cranes
Gate: 30 lanes
On-dock rail: 3 tracks = 8,920' (2,718 meters)
Reefer plugs: 376

CHINA SHIPPING (WBCT)

3

Land area: 132 acres (53.4 hectares)
Berth length: 2,500' (762 meters)
Berths: 2
Water depth: 53' (16.1 meters)
Cranes: 10 Super Post-Panamax cranes
Gate: Shared with YML
On-dock rail: Shared with YML
Reefer plugs: 204

FENIX MARINE SERVICES

4

Land area: 292 acres (118 hectares)
Total berth length: 4,000' (1,219 meters)
Berths: 3
Water depth: 50' (15.2 meters)
Cranes: 16 Post-Panamax cranes
Gate: 23 entry/exit
On-dock rail: 8 tracks = 20,415' (6,222 meters)
Reefer plugs: 706

YUSEN TERMINALS

5

Land area: 185 acres (75 hectares)
Total berth length: 5,800' (1,768 meters)
Berths: 3
Water depth: 45' (13.7 meters)
Cranes: 10 Post-Panamax cranes
Gate: 30 lanes
On-dock rail: 4 tracks = 8,531' (2,600 meters)
Reefer plugs: 406

EVERPORT TERMINAL

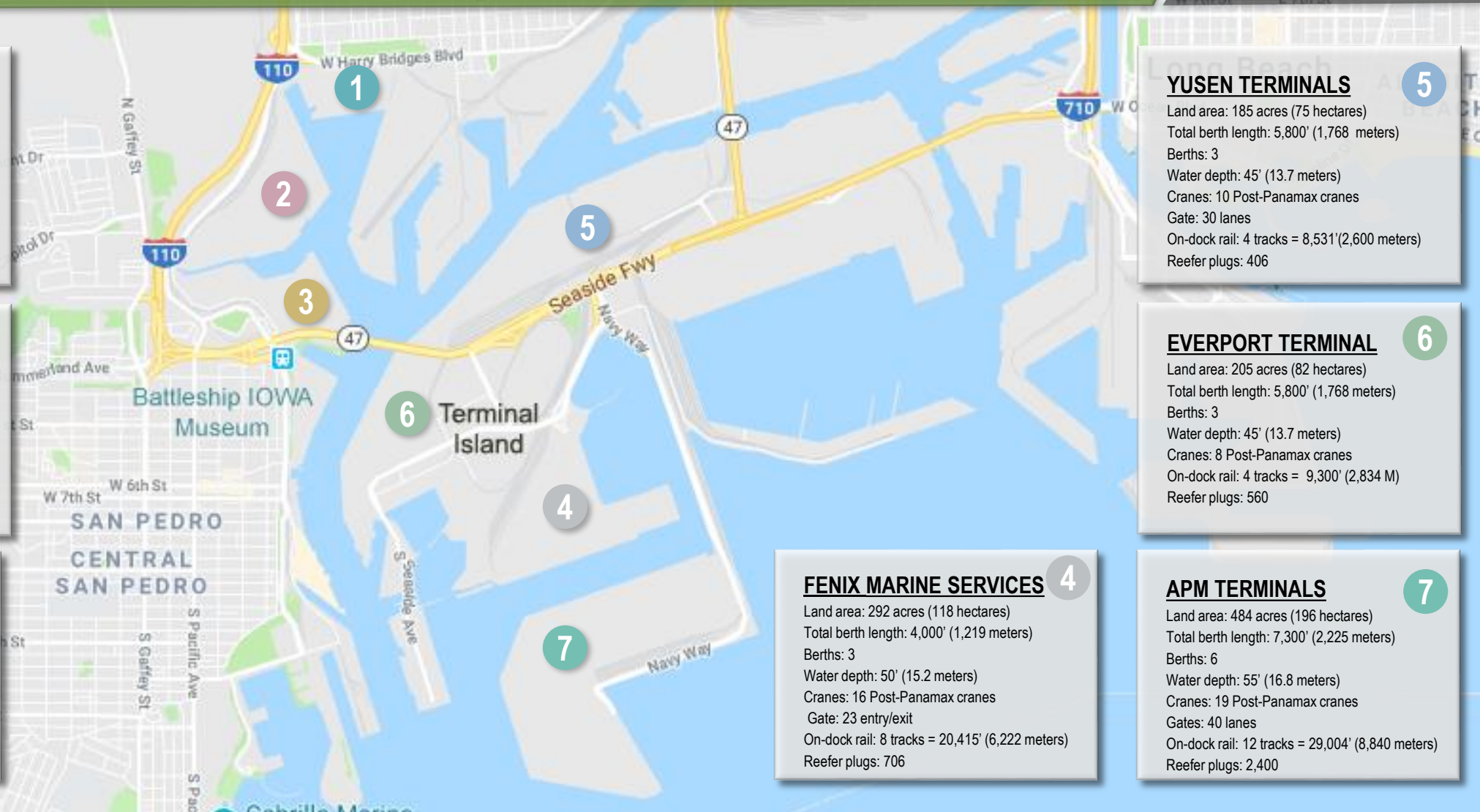
6

Land area: 205 acres (82 hectares)
Total berth length: 5,800' (1,768 meters)
Berths: 3
Water depth: 45' (13.7 meters)
Cranes: 8 Post-Panamax cranes
On-dock rail: 4 tracks = 9,300' (2,834 M)
Reefer plugs: 560

APM TERMINALS

7

Land area: 484 acres (196 hectares)
Total berth length: 7,300' (2,225 meters)
Berths: 6
Water depth: 55' (16.8 meters)
Cranes: 19 Post-Panamax cranes
Gates: 40 lanes
On-dock rail: 12 tracks = 29,004' (8,840 meters)
Reefer plugs: 2,400



Economic Impact

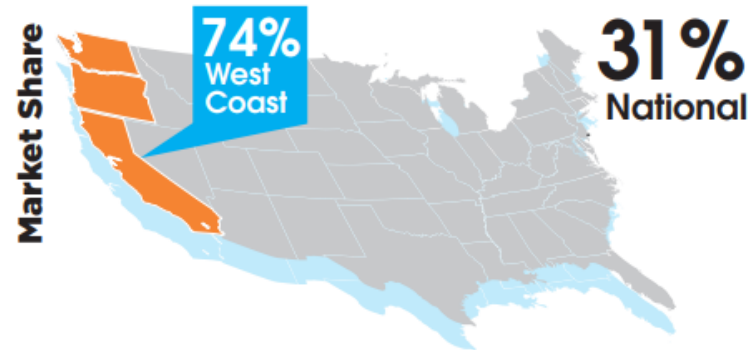
Port of Los Angeles



- #17 in the World
- 134,000 (1 in 14) jobs in Los Angeles
- 480,000 (1 in 17) regional jobs
- 1.45 million (1 in 101) jobs throughout the U.S.

San Pedro Bay Port Complex

Port of Los Angeles + Port of Long Beach



- #9 in the World
- 181,000 (1 in 12) in Los Angeles / Long Beach
- 951,000 (1 in 9) jobs in five-county region
- 2.7 million (1 in 54) jobs throughout the U.S.

Capital Improvement Program 2000 - 2027



More than \$4B invested in our CIP over 25+ year period



*In Millions

*FY 23/24 CIP
\$223 M*

**THE PORT
OF LOS ANGELES** 



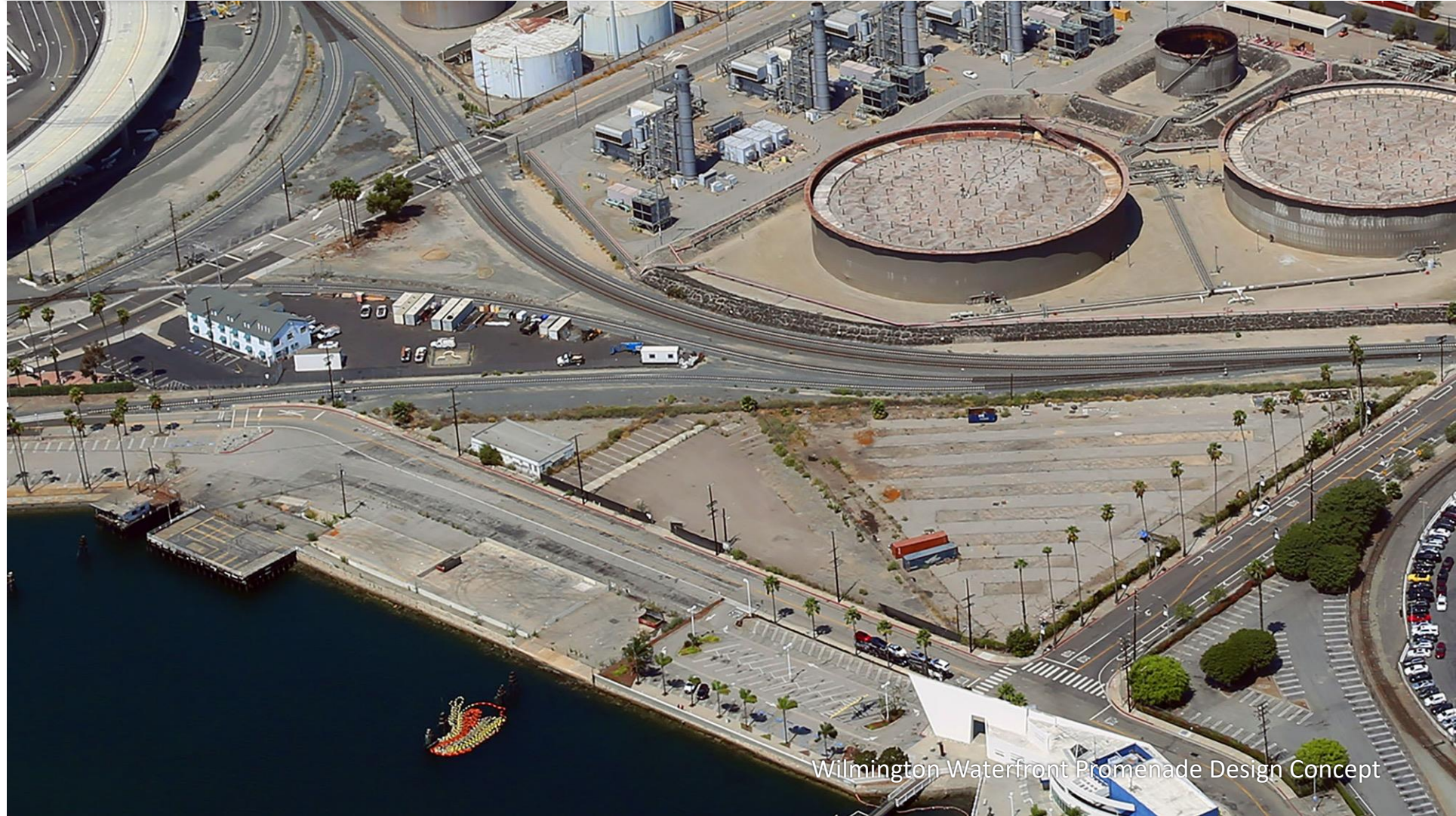


Ongoing and Upcoming Projects

Wilmington Waterfront Promenade



Wilmington Waterfront Promenade



Wilmington Waterfront Promenade Design Concept

Wilmington Waterfront Promenade



- **Cost: \$53,000,000**
- **Construction: March 2021 to July 2023**

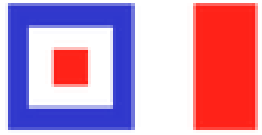
Wilmington Waterfront Promenade



Avalon Pedestrian Bridge and Gateway



- **Cost: \$53,000,000**
- **Advertise: May 2024**
- **Construction: Oct 2024 – Mar 2027**



**WEST
HARBOR**



LA
**THE PORT
OF LOS ANGELES**

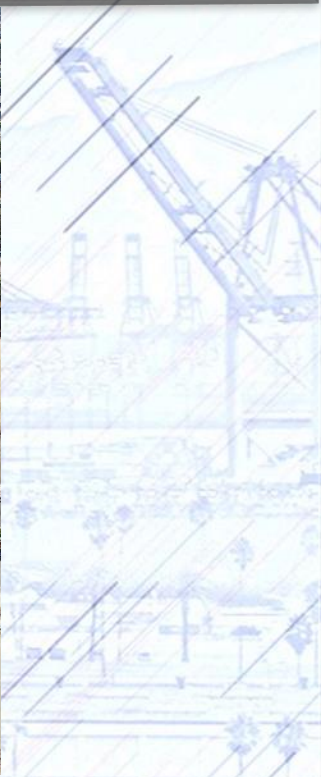
West Harbor – Private Development



West Harbor – Private Development



San Pedro Waterfront Town Square & Promenade



Phase I Promenade, Town Square, Floating Docks Cost: \$33M

Construction: Sept. 2019 – Sept. 2021

Phase II Promenade, Town Square, Floating Docks (shown in red) Cost: \$24M

Construction: July 2023 – Mar 2025

MOTEMS Program

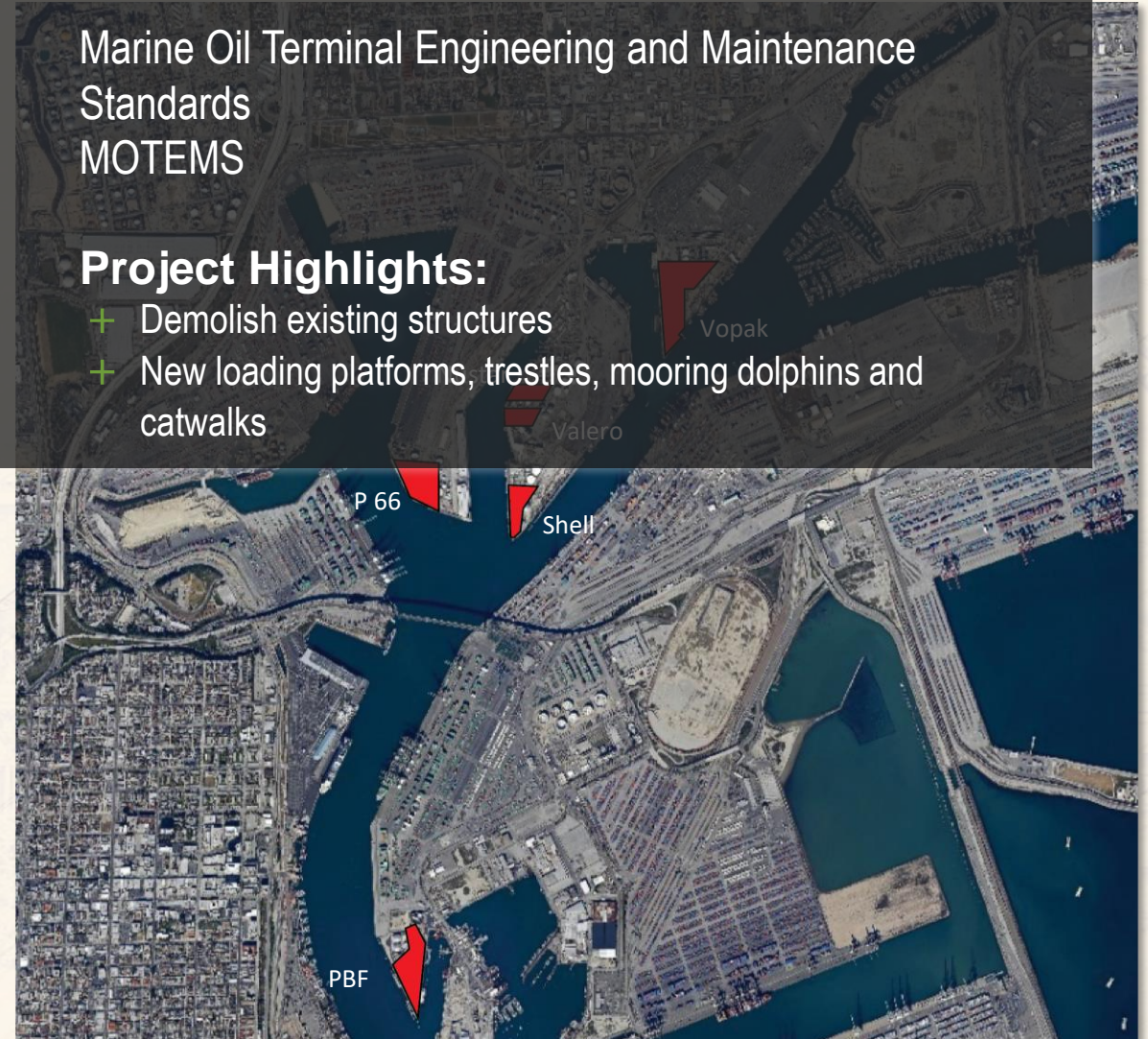
Berths 167-169 MOTEMS – Shell
Contract Amount: \$19M
Construction: July 2021 – April 2023

Berths 238-239 MOTEMS – PBF
Estimated Cost: \$35M
Advertised: Mar 2023

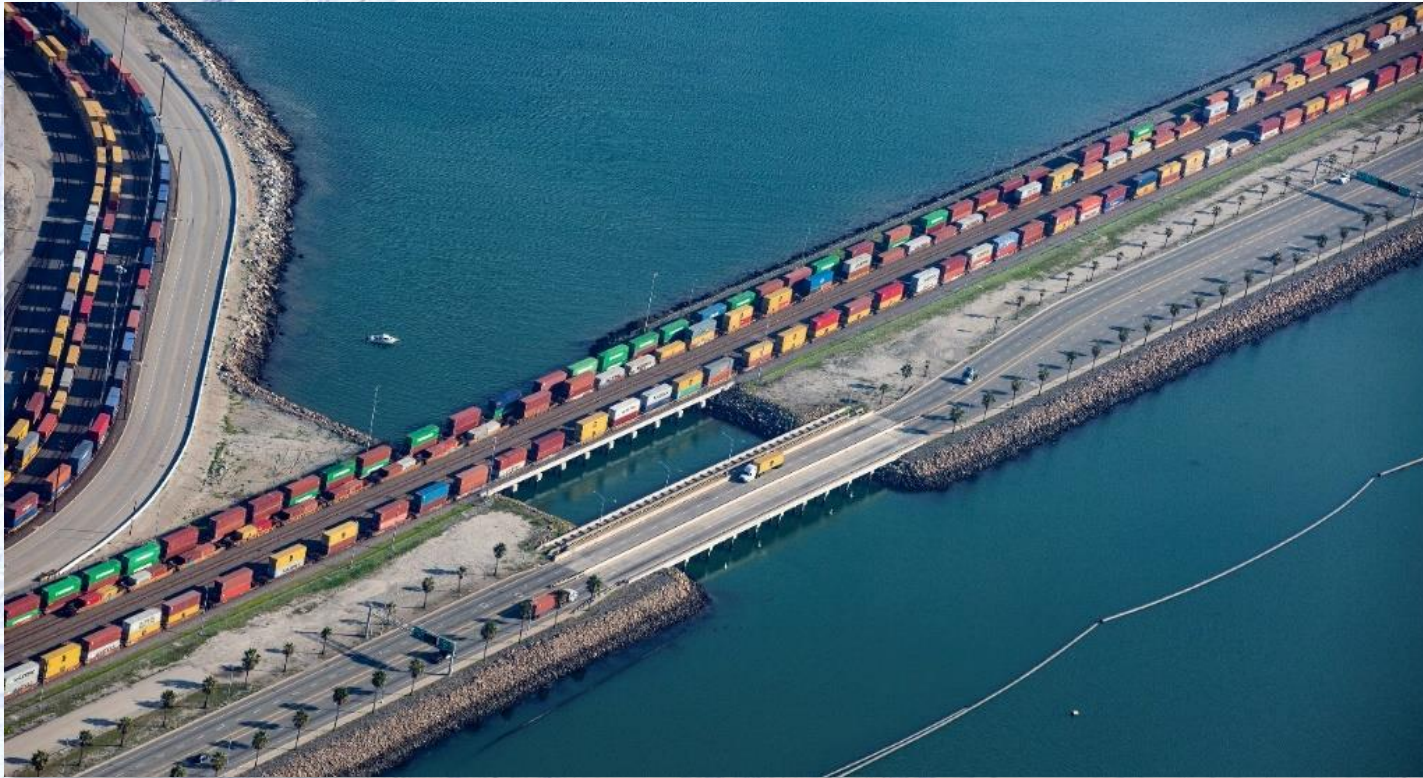
Marine Oil Terminal Engineering and Maintenance
Standards
MOTEMS

Project Highlights:

- + Demolish existing structures
- + New loading platforms, trestles, mooring dolphins and catwalks



Pier 400 – Corridor Storage Tracks Expansion



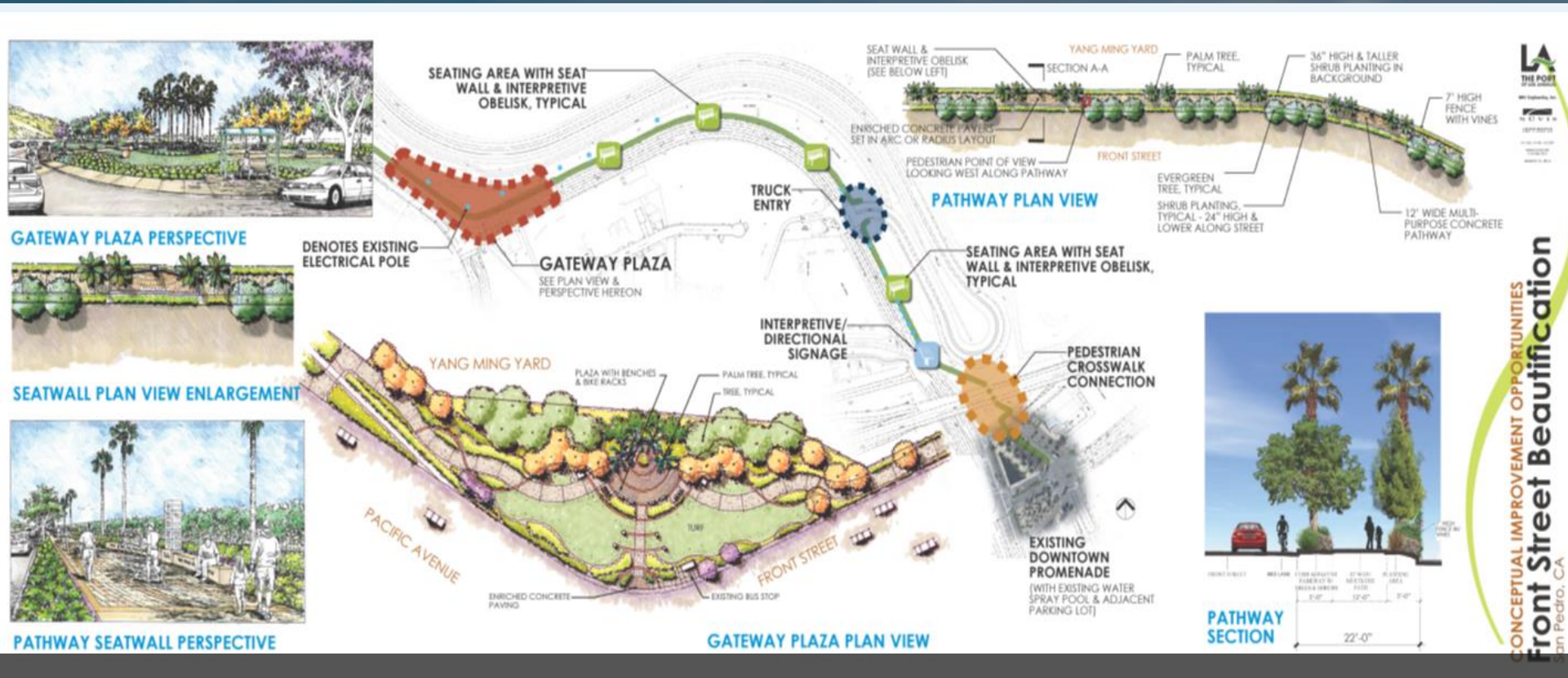
Construction Cost: \$60M

Construction : Feb 2022 - May 2024

Project Highlights:

- + Five new railroad storage tracks
- + Crossovers and Switches
- + Extend the existing rail bridge

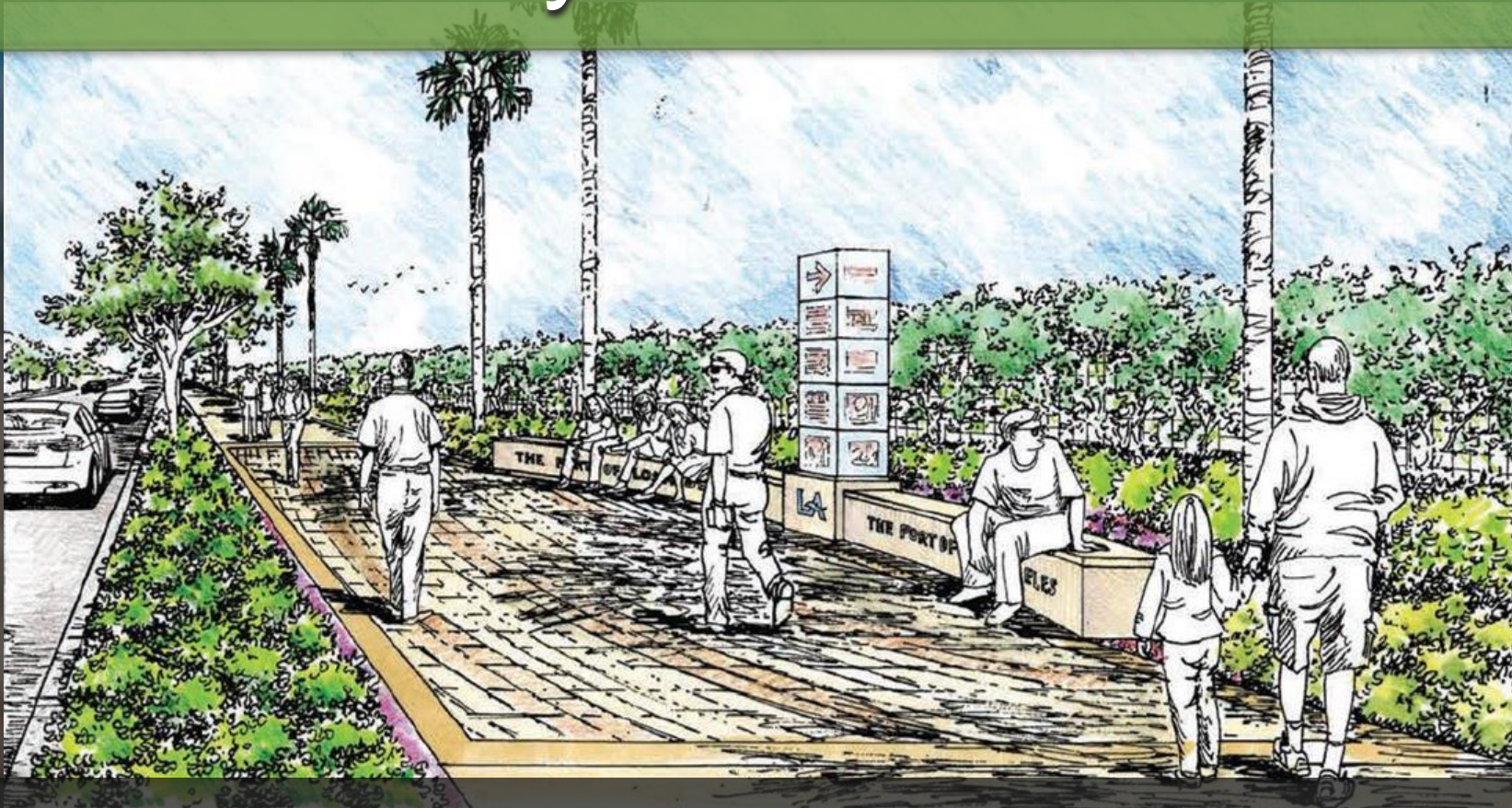
Front Street Beautification



Construction Cost: \$5.6 M
Construction: Jan 2023 - Jan 2024

Project Highlights:
 22-foot wide landscaped area with a multi-use path along Front Street adjacent to the China Shipping Terminal

North Gaffey Beautification Phase II



Est Construction Cost: \$3 M

Bids Close: May 2023

Project Highlights:
multi-use concrete path
landscape, trees, turf, shrubs
irrigation system

benches and picnic tables
light poles
drinking fountains
shade structures

Harbor Admin Board Room Remodel



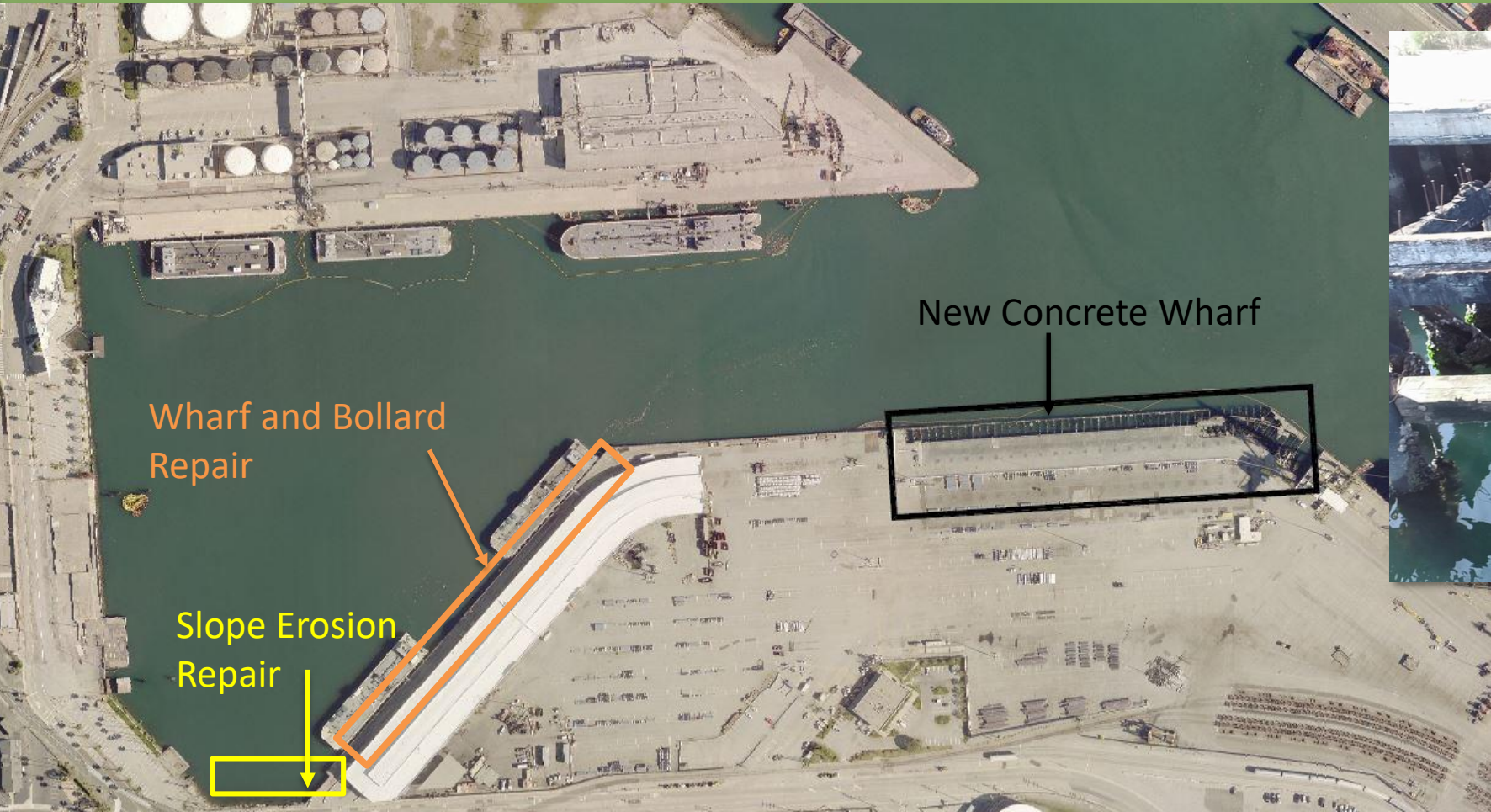
Est Construction Cost: \$3.2 M

Bids Close: May 2023

Project Highlights:

- + audio/visual (A/V) equipment
- + Modify the stage area
- + Lighting
- + Improvements to conference room

Berths 177-182 Development



Est Construction Cost: \$14M
Advertise: April 2023

Project Highlights:

- + Demolish existing fire-damaged wharf
- + Construct new concrete wharf
- + Wharf and bollard repair
- + Slope erosion repair

Terminal Island Facilities Demolition



- Southwest Marine Administration Building Demolition
- Starkist Demolition
- 1025 Seaside Avenue Demolition
- South Seaside Avenue Storm Drain



Est Construction Cost: \$14 M

Advertise: May 2023

Const.: Sept 2023 – Aug 2024

Project Highlights:

- + Demolish three existing structures on Terminal Island
- + Construct Storm Drain

Berth 306 Wharf and Backlands



Est Construction Cost

\$226M

Anticipated Advertise: September 2023

- Project Highlights:**
- + Electrical Infrastructure AMP, New Substation
 - + 1,250 LF New Wharf
 - + 300 LF Wharf upgrade
 - + 40 Acres Backland

Pier 300 On-Dock Rail Expansion



Project Elements

- On-Dock Rail Expansion
- Crane Rail RMG Schedule
- Advertise Date: Mar 2024
- Construction Start: 2024
- Cost:
 - \$90 Million

208 East 22nd Street Parking Lot Improvements



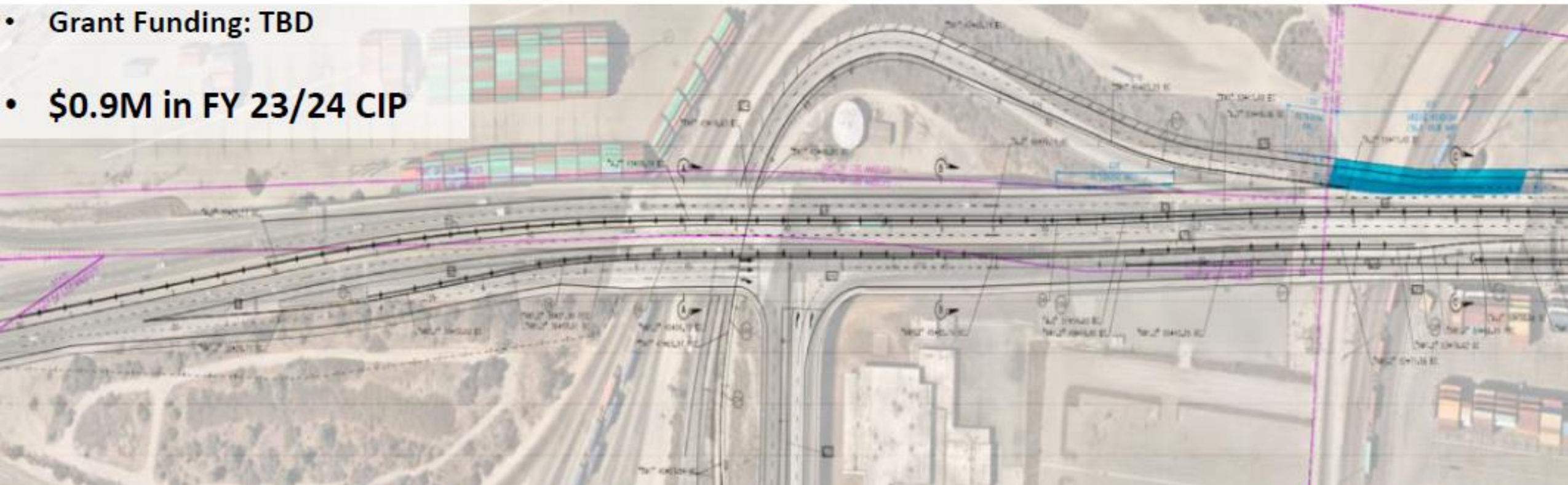
Develop 17.5 Acres
for Public Parking

Cost: \$21 Million

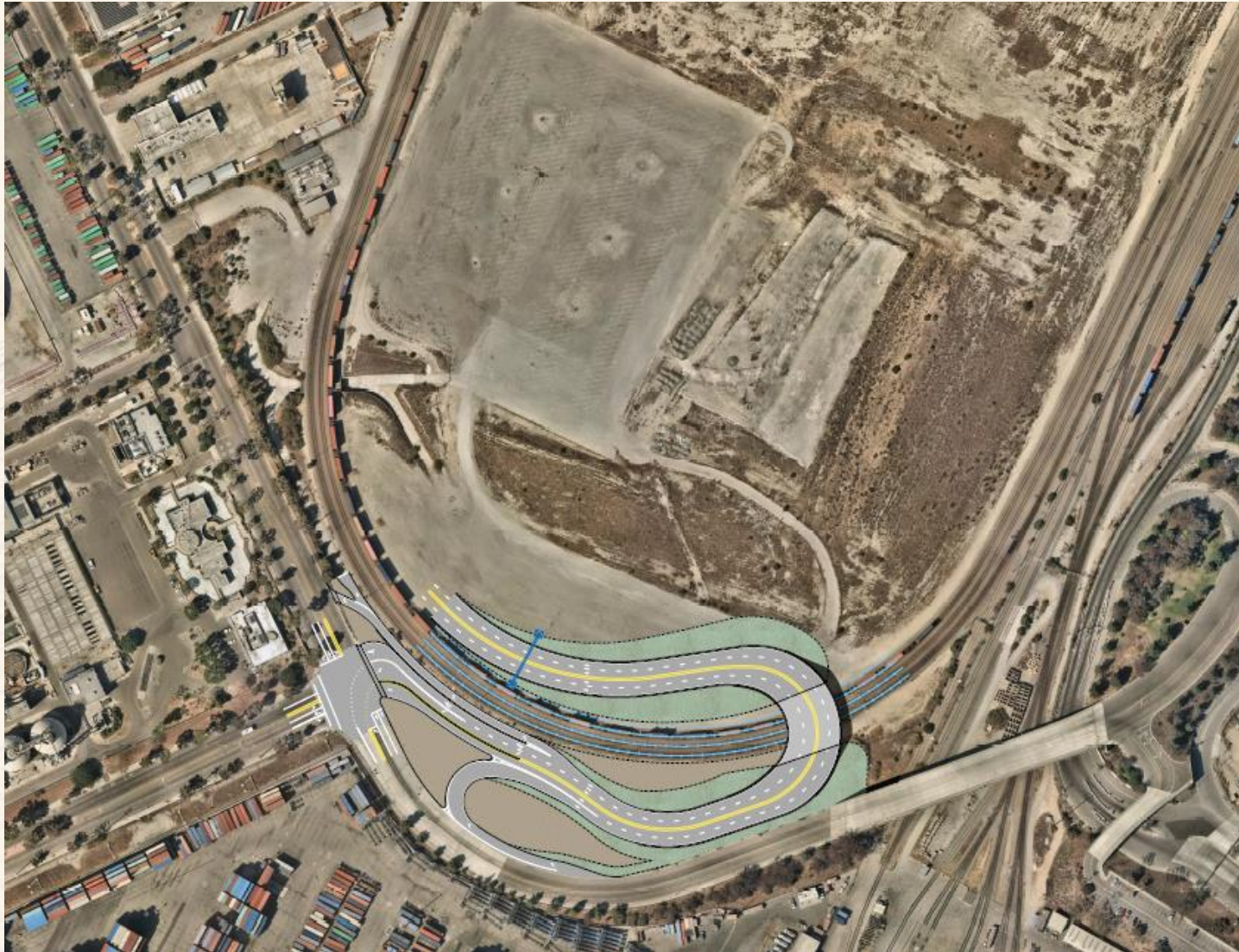
Const. Jan 2025

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

- Project Cost: \$65.7M
- Const: Jan 2026 - June 2028
- Grant Funding: TBD
- **\$0.9M in FY 23/24 CIP**



Maritime Support Facility Access/TI Rail System Grade Separation



Four-lane Grade Separated Roadway *over POLA mainline rail tracks connecting Terminal Island, Ferry St, and P300 to the TI Maritime Support Facility*

Structure *2,000ft roadway structure, foundation and retaining wall*

Intersection Modifications *traffic signal re-signalizations*

Project Cost: \$40M

Anticipated Construction:
October 2024 to June 2026

Terminal Island Maritime Support Facility



Develop approx 80 acres *for cargo support facility*

Improvements *include removals, drainage, utilities, paving, fire protection, water, electrical, site lighting, roadability canopy, restrooms, guard booths, and 1,000' access roadway*

- Project Cost: \$195M
- Anticipated Construction
September 2025 to August 2027

POLA-POLB Goods Movement Workforce Training Campus

Phase I – Geotechnical Investigation and EIR Assessment



- Total Project Cost: \$150M
- Phase I--Preliminary Engineering, Geotechnical Investigation and Environmental Assessment

Construction Equipment Requirements

Diesel Powered Off-Road
Construction Equipment



Tier 4 Off-Road Standards

Off-road diesel-powered construction equipment greater than 50 hp shall meet Tier-4 off-road emission standards.



Construction Equipment Requirements



On-Road Trucks



2010 EPA on-road emission standards

On-road heavy-duty diesel trucks with a gross vehicle weight rating (GVWR) of 19,500 pounds or greater used on site or to transport materials to and from the site shall comply with 2010 EPA on-road emission standards for particulate matter of 10 microns in diameter or smaller (PM10) and NOx (0.01 g/bhp-hr and at least 1.2 g/bhp-hr, respectively).

Construction Equipment Requirements

Harbor Craft

EPA Tier 3 minimum

Harbor craft with C1 or C2 marine engines used during the construction phase of the proposed Project shall, at a minimum, meet EPA Tier 3 marine engine emission standards, or cleaner.



Project Labor Agreement



Included in Capital Improvement Construction contracts

Agreement has a 10-year term – expires 2027

Requires the contractor to provide a Jobs Coordinator

Addresses work stoppages, strikes and lockouts

Project Labor Agreement



Requires:

- 30% of total labor hours performed by Local Residents
- 20% of total labor hours performed by Registered Apprentices
- 50% of Apprenticeship labor hours performed by Local Residents
- 10% of total labor hours performed by Transitional Local Residents

Small Business/Very Small Business Enterprise SBE/VSBE



Encourage the small business community to do business with the Port

Overall goal  25% Small Business Enterprise (SBE) participation
5% Very Small Business Enterprise (VSBE) participation

SBE/VSBE participation requirements for each contract are set on a project-by-project basis

Small Business/Very Small Business Enterprise SBE/VSBE



Small Business Enterprise (SBE)

- Independently owned and operated business that is not dominant in its field and meets criteria set by the Small Business Administration
- Size standards are based on average annual gross revenue or employee count
- For more information log onto www.sba.gov

Very Small Business Enterprise (VSBE)

- State of California's Micro-business Enterprise
- Small business that has average annual gross receipts of \$5,000,000 or less within the previous three years or a small business manufacturer with 25 or fewer employees

Proprietary Small Business Enterprise Certification



Complete Proprietary Small Business Enterprise Application on RAMP

SBE (Proprietary) certification is applicable to the three Proprietary Departments

- Harbor – Port of Los Angeles
- LAWA – Los Angeles World Airports
- DWP – Department of Water and Power

Certification is valid for two years

Local Business Preference Program



Benefit the Southern California region by increasing jobs and expenditures within the local and regional private sector

Local Business Enterprise (LBE) is a business headquartered within the 5-County region:

- Los Angeles County
- Orange County
- Riverside County
- San Bernardino County
- Ventura County

For specialty marine contracting firms, a business that has at least 50 full-time employees, or 25 full-time employees, working in the 5-County region

Local Business Preference Program



For bidders who qualify as a Local Business Enterprise (LBE) :

→ 8% preference by reducing the bid by 8%

	Non-local Firm	Local Firm A	Local Firm B
Original Bid	\$10,500,000	\$11,000,000	\$12,750,000
8% Preference	N/A	(\$880,000)	(\$1,000,000) *
Final Bid	\$10,500,000	\$10,120,000	\$11,750,000

*Maximum Preference

In the example above, Local Firm A was the lowest bidder after applying the local preference. Although the final bid amount is \$10,120,000, Harbor Department would award a contract based on the original bid in the amount of \$11,000,000. Harbor Department would have expended \$500,000 more on the project as a result of the local preference, when compared to the bid submitted by the non-local firm.

Bidders who are not a LBE may receive a maximum 5% preference for using LBE subconsultants

→ 1% preference, up to a maximum of 5%,
for every 10% of work that is subcontracted to a LBE

Periodically check the Port's website...



A screenshot of the Port of Los Angeles website. The top navigation bar includes 'LOS ANGELES', 'THE PORT OF LOS ANGELES', 'BOARD AGENDA', and a menu with 'HOME', 'NEWS', 'BUSINESS', 'COMMUNITY', 'ENVIRONMENT', 'COMMISSION', 'ABOUT', 'SEARCH', and 'MENU'. A yellow notification bubble says 'Update on coronavirus' and '311 City Services'. The main content area features a large image of stacked shipping containers with the text 'CARGO OPERATIONS DASHBOARD' and a description: 'Quick links to key data, including vessels in port and within 40 nautical miles, gate hours and real-time vessel- and cargo-tracking tools.' A green button says 'VIEW DASHBOARD'. Below this is a green bar with 'COMMONLY SEARCHED TOPICS', a search box, and social media icons for Facebook, Twitter, Instagram, YouTube, and LinkedIn.

Welcome to America's Port[®]

The busiest container port in North America, the Port of Los Angeles has sustained its rank as number one for more than two decades with record volumes for containerized trade. The Port maintains an efficient, sustainable supply chain, adopting new technologies to improve the reliability, predictability, and efficiency of the flow of cargo across global

<https://www.portoflosangeles.org>

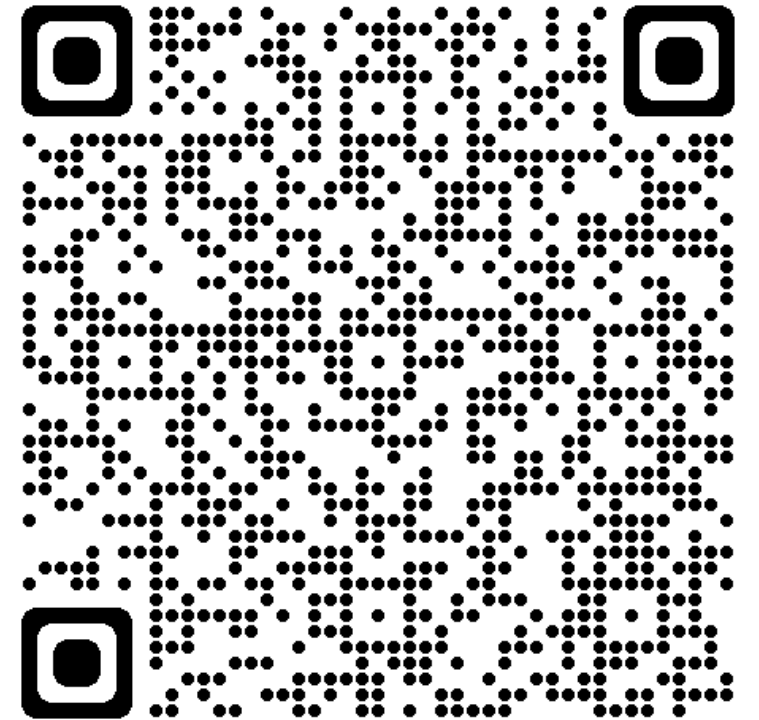
Construction Division Business Opportunity Network (CDBON)



Visit

[Construction Bids | Contracting Opportunities | Port of Los Angeles](#)

for information on competitive bids, Project Labor Agreements, and information on doing business with the Port.



Construction Division Business Opportunity Network (CDBON)



Projects are advertised on CDBON

PlanetBids Vendor Portal



Port of Los Angeles CDBON

Vendor Portal



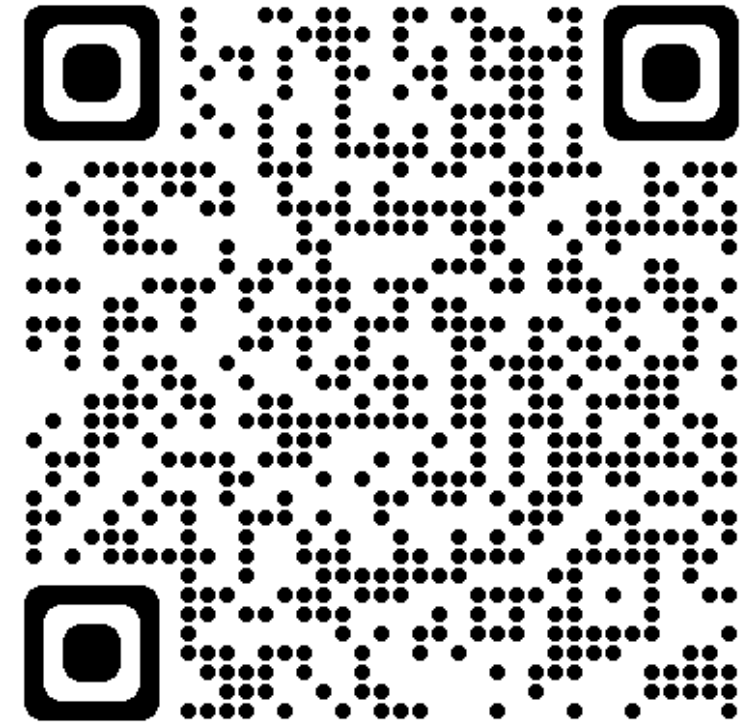
NEW VENDOR REGISTRATION

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.



Construction Division Business Opportunity Network (CDBON)



Register to receive notifications of upcoming opportunities

PlanetBids Vendor Portal



Port of Los Angeles CDBON

Vendor Portal



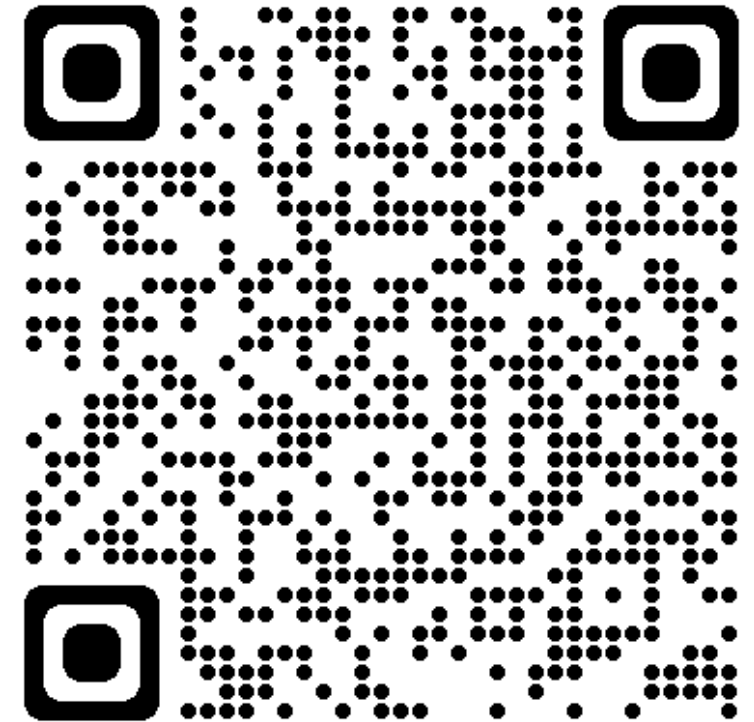
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BID OPPORTUNITIES

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



Regional Alliance Marketplace for Procurement (RAMP)



Register to receive notifications of upcoming opportunities

RAMP

<https://www.rampla.org/s/>

LOS ANGELES

Update on coronavirus 311 City Services LA City Directory

RAMP
REGIONAL ALLIANCE MARKETPLACE FOR PROCUREMENT

Home Search For Opportunities Business Profiles Support LOGIN

SEARCH FOR BID OPPORTUNITIES

Opportunity

Title or Keyword

Category

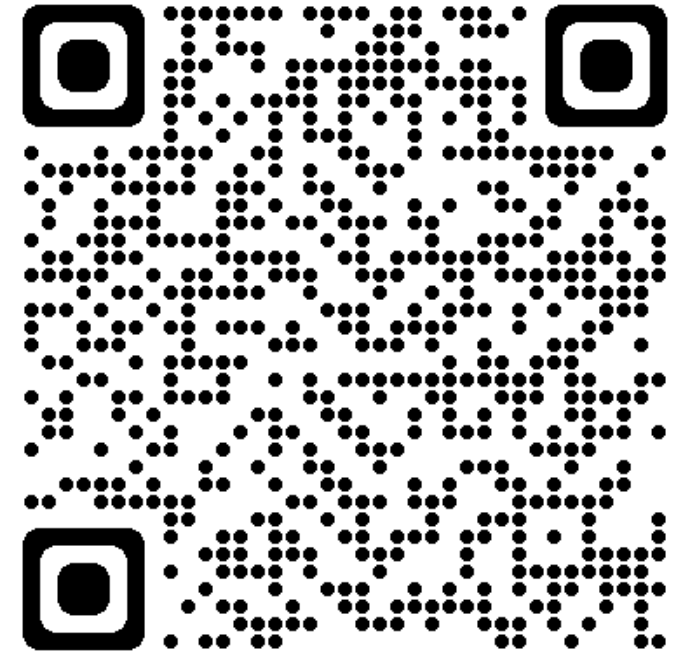
Status

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Search

Join Regional Alliance Marketplace for Procurement (RAMP) to access contracting opportunities from regional partners.

Welcome to RAMP!
Forms, processes, and requirements for City of LA





**THE PORT
OF LOS ANGELES**



Thank You!