

Public Works Summit

March 20, 2023

The logo for United Contractors, featuring a stylized 'U' icon in gold and black, followed by the words 'UNITED' and 'CONTRACTORS' in bold, black, sans-serif capital letters.

UNITED
CONTRACTORS

The logo for The Port of Los Angeles, featuring the words 'THE PORT' and 'OF LOS ANGELES' in bold, black, sans-serif capital letters, followed by a stylized 'LA' icon with a green wave element.

THE PORT
OF LOS ANGELES **LA**

Wilmington

San Pedro Bay Port Complex



Downtown Long Beach

Terminal Island

Port of Los Angeles

Port of Long Beach

San Pedro

Landlord Ports (limited control over cargo operations)
Destination Ports (versus “Hub” or “Relay” ports)

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

9,911,159 TEUs
CY - 2022

Port of Los Angeles at a Glance



- **Founded in 1907**
- **State Tidelands Trust**
- **Non-Taxpayer Supported**
- **Business Port Model**
- **5-Member Board of Commissioners**
- **Tidelands Trust Agreement with State of California**

TEU Volume – Port Ranking

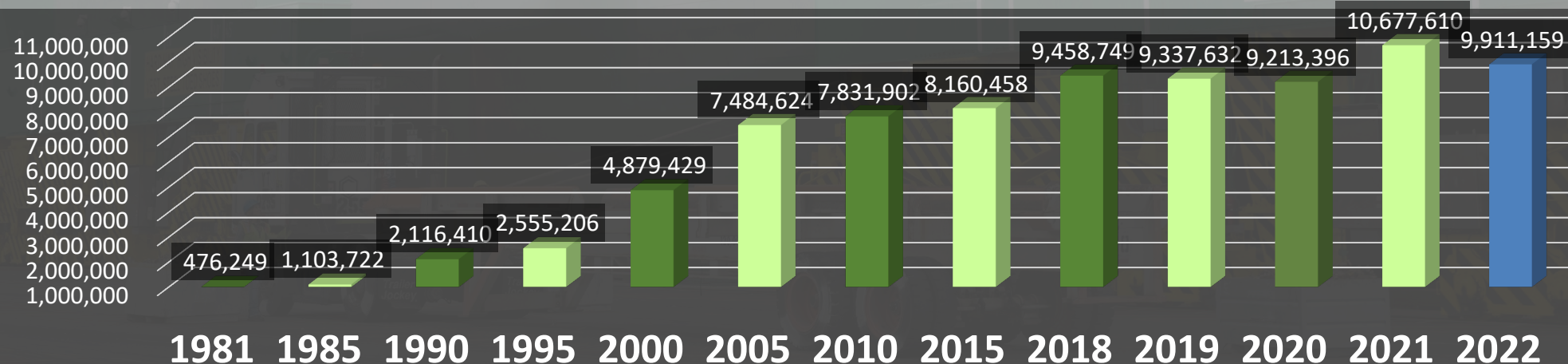
Global Ranking (2021)

1. Shanghai, China	47.0	6. Qingdao, China	23.7
2. Singapore	37.4	7. Busan, South Korea	22.5
3. Ningbo, China	31.0	8. Tianjin, China	20.2
4. Shenzhen, China	28.7	9. LA & LB	20.0
5. Guangzhou, China	24.1	10. Hong Kong	17.7

North American Ranking (2022)

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

PORT OF LOS ANGELES - TEU COUNT



Top Trading Partners & Commodities

Trading Partners



- | | |
|--------------------|---------------|
| 1. China/Hong Kong | \$132B |
| 2. Japan | \$37B |
| 3. Vietnam | \$28B |
| 4. Taiwan | \$18B |
| 5. South Korea | \$16B |

(In Cargo Value, CY2021)

Imports



- | | |
|---------------|-------------|
| 1. Furniture | 766K |
| 2. Auto Parts | 319K |
| 3. Apparel | 306K |
| 4. Plastics | 281K |
| 5. Footwear | 231K |

(Containerized, CY2021)

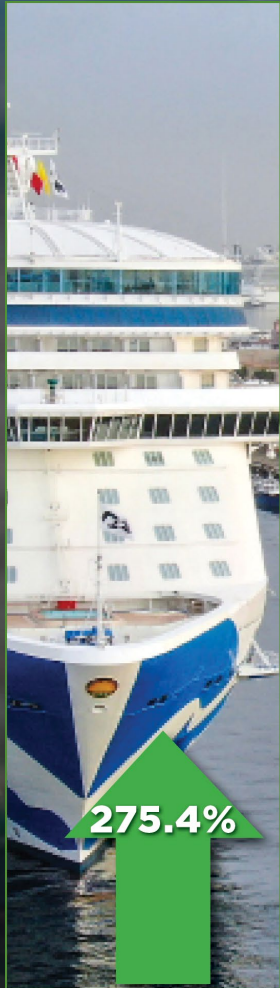
Exports



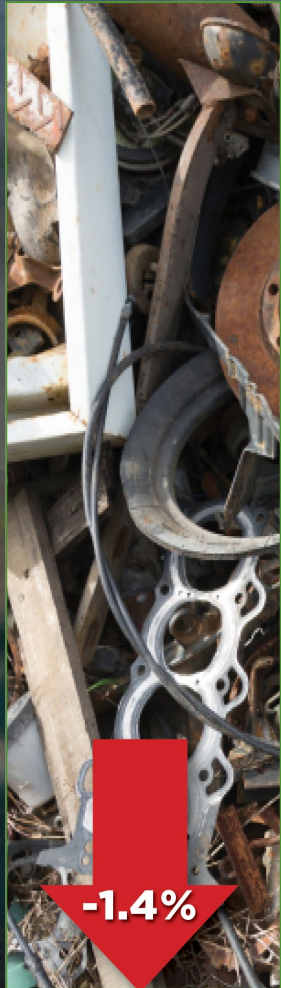
- | | |
|-----------------|-------------|
| 1. Animal Feeds | 211K |
| 2. Waste Paper | 135K |
| 3. Soybeans | 86K |
| 4. Fabrics | 58K |
| 5. Scrap Metal | 53K |

(Containerized, CY2021)

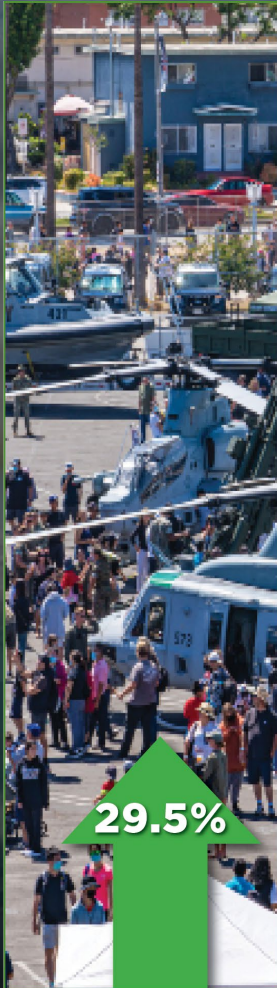
METRICS FOR 2022 LINES OF BUSINESS



CRUISES



RECYCLED METAL



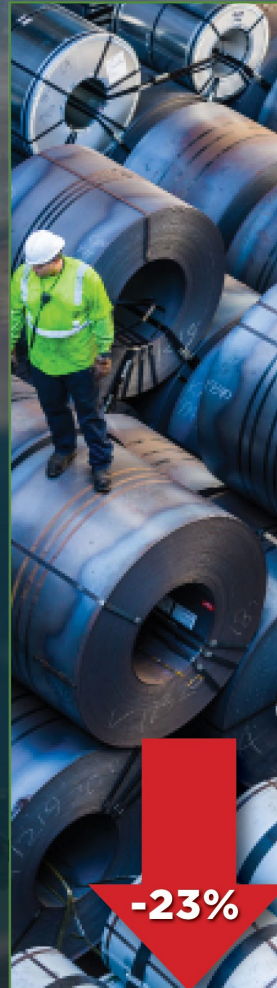
VISITORS



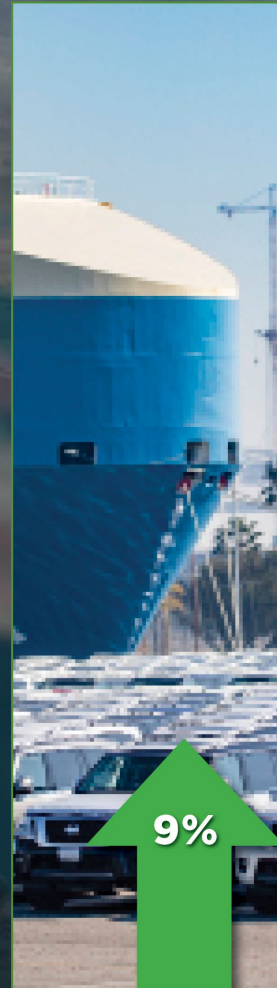
LIQUID BULK



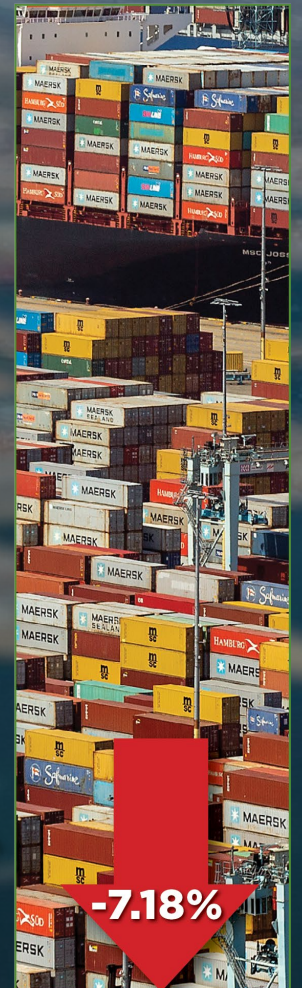
FRUIT



STEEL



VEHICLES



CONTAINERS

Container Terminal Facilities



TRAPAC

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)

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)

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

YUSEN TERMINALS

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

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

FENIX MARINE SERVICES

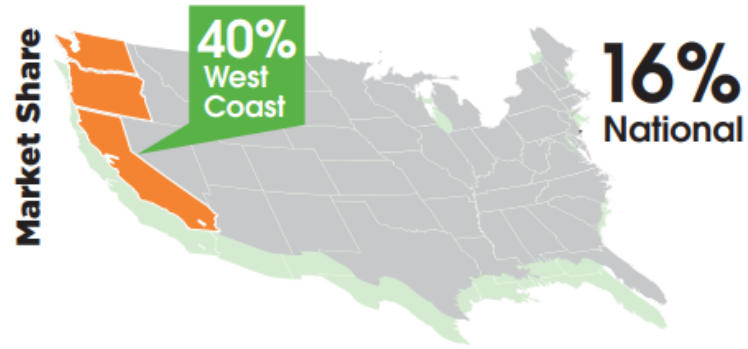
Land area: 292 acres (118 hectares)
Total berth length: 4,000' (1,219 meters)
Berths: 3
Water depth: 50' (15.2 meters)
Cranes: 16 Post-Panamax cranes
Gate: 23 entry/exit
On-dock rail: 8 tracks = 20,415' (6,222 meters)
Reefer plugs: 706

APM TERMINALS

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
Gate: 40 lanes
On-dock rail: 12 tracks = 29,004' (8,840 meters)
Reefer plugs: 2,400

Economic Impact

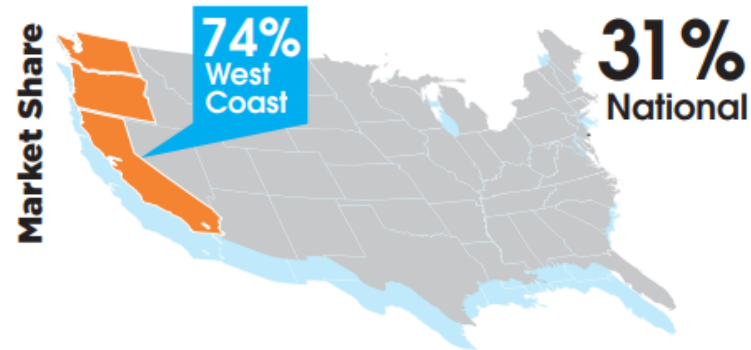
Port of Los Angeles



- #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.

DATA -- Port Optimizer

Real-Time Data Information Sharing



- 3-Week Look Ahead & 6-Month Forecasting
- Port-Wide Container, Truck & Rail Gate Dwell Metrics
- Inbound Vessel & Cargo Volumes
- Truck Turn Time Averages
- Date After Discharge
- Empty Returns

Wabtec Control Tower

WELCOME

SIGNAL VOLUMES TURN TIMES DAYS AFTER DISCHARGE EMPTY RETURNS

The Port of Los Angeles RETURN SIGNAL Wabtec Port Optimizer™

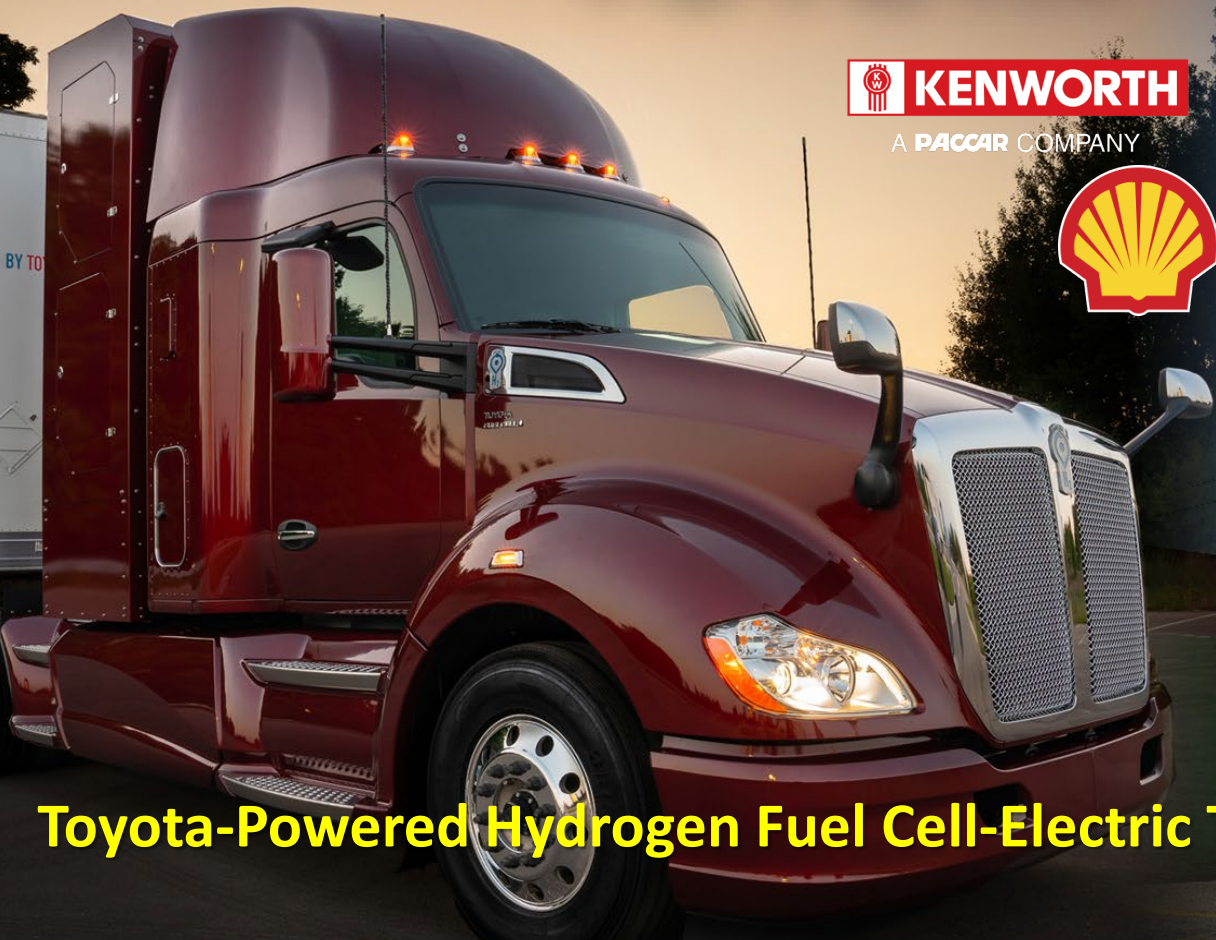
01 MAY 2021 02 MAY 2021 Download Filter Reset Filters

SHIPPING LINE	TERMINAL SHIFT	20ST	40ST	20HC	40HC	45	20RF	40RF	FLAT	SPECIAL
APMT	Shift1	No	Yes		Yes	No	No	No	No	No
	Shift2	No	Yes		Yes	No	No	No	No	No
ONE	Shift1	Yes	Yes		Yes	Yes	No	No	No	No
	Shift2	Yes	Yes		Yes	Yes	No	No	No	No
MSC	Shift1	Yes	Yes		Yes	No	No	No	No	No
	Shift2	Yes	Yes		Yes	No	No	No	No	No
Cosco	Shift1	No	No		No	No	No	No	No	No
	Shift2	No	No		No	No	No	No	No	No
Evergreen	Shift1	Yes	Yes		Yes	Yes	No	No	No	No
	Shift2	Yes	Yes		Yes	Yes	No	No	No	No
Yang Ming	Shift1	Yes	Yes		Yes	Yes	No	No	No	No
	Shift2	Yes	Yes		Yes	Yes	No	No	No	No

Cleaner Port-Wide Operations



TOYOTA



Toyota-Powered Hydrogen Fuel Cell-Electric Truck

World's First All-Electric Top Handler

Zero-Emissions Technologies

Six Demonstration Projects at the Port of Los Angeles

- Encourage the deployment and commercialization of zero emissions technology
- Partnerships with various stakeholders including agencies, original equipment manufacturers, and equipment owners/operators



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.



Equipment Requirements



More information can be found in Specification Section 01 89 00



No plans to date to modify requirements to include zero-emissions vehicles or equipment

Project Labor Agreement



Included in Capital Improvement Construction contracts

Agreement has a 10-year term – expires 2027

Set's requirements for the number of core employees and the number of workers from the hiring hall for each trade or craft use of core workers and labor from a hiring hall for

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

Project Labor Agreement



Requires the contractor to provide a Jobs Coordinator

Addresses work stoppages, strikes and lockouts

***FY 23/24 CIP
\$223.2M***

**THE PORT
OF LOS ANGELES** 



Capital Improvement Program 2000 - 2027



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





Ongoing and Upcoming Projects

Wilmington Waterfront



Wilmington Waterfront Promenade



Construction Cost

\$53M

Construction Start: December 2020

Construction Finish: December 2022

Project Highlights:

- + Open green space
- + Public plaza
- + Landscape and hardscape
- + 1,200 feet of waterfront promenade
- + Reconstruct seawalls
- + Realign Water Street

Wilmington Waterfront Promenade



Avalon Pedestrian Bridge and Gateway



Est Construction Cost

\$54M

Anticipated Advertise: May 2024

Project Highlights:

- + 380-foot Pedestrian Bridge
- + Crosses rail to link Gateway with Waterfront
- + 12 acres open space
- + Restrooms

Avalon Pedestrian Bridge and Gateway



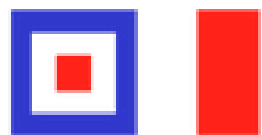
Est Construction Cost

\$54M

Anticipated Advertise: May 2024

Project Highlights:

- + 380-foot Pedestrian Bridge
- + Crosses rail to link Gateway with Waterfront
- + 12 acres open space
- + Restrooms



**WEST
HARBOR**



West Harbor – Private Development



West Harbor – Private Development



San Pedro Waterfront Town Square & Promenade



Construction Cost

\$33M

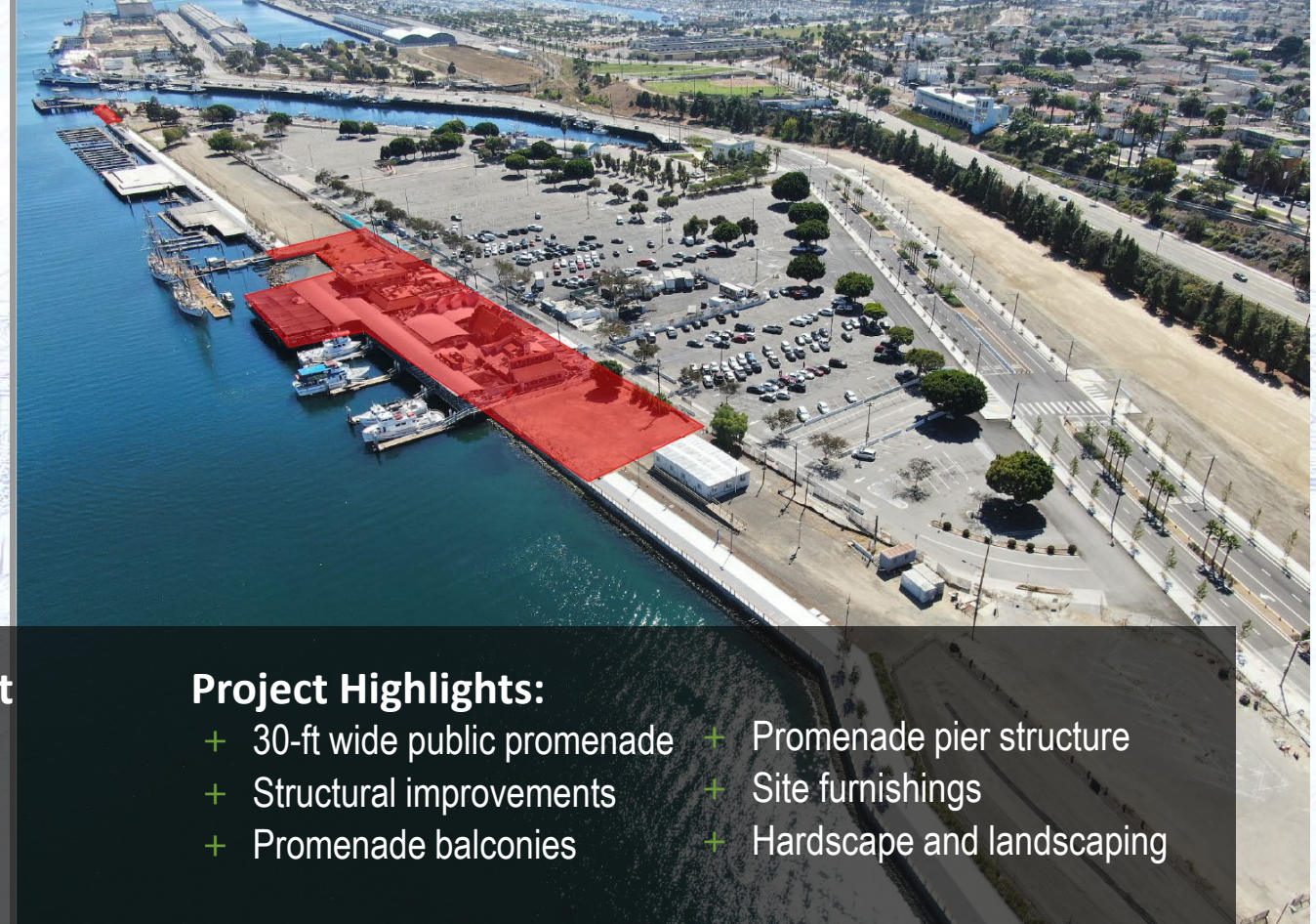
Construction Start: January 2020

Construction Finish: September 2021

Project Highlights:

- + 30-ft wide public promenade
- + Town Square
- + Site furnishings
- + Structural improvements
- + Large swing
- + Hardscape and landscape
- + Parking

San Pedro Waterfront Berths 74-83 Promenade – Phase II



Est Construction Cost

\$20M

Bids Close: March 16, 2023

Project Highlights:

- + 30-ft wide public promenade
- + Structural improvements
- + Promenade balconies
- + Promenade pier structure
- + Site furnishings
- + Hardscape and landscaping

MOTEMS Program

Berths 167-169 MOTEMS – Shell
Contract Amount: \$19.7M
Construction: July 2021 – March 2023

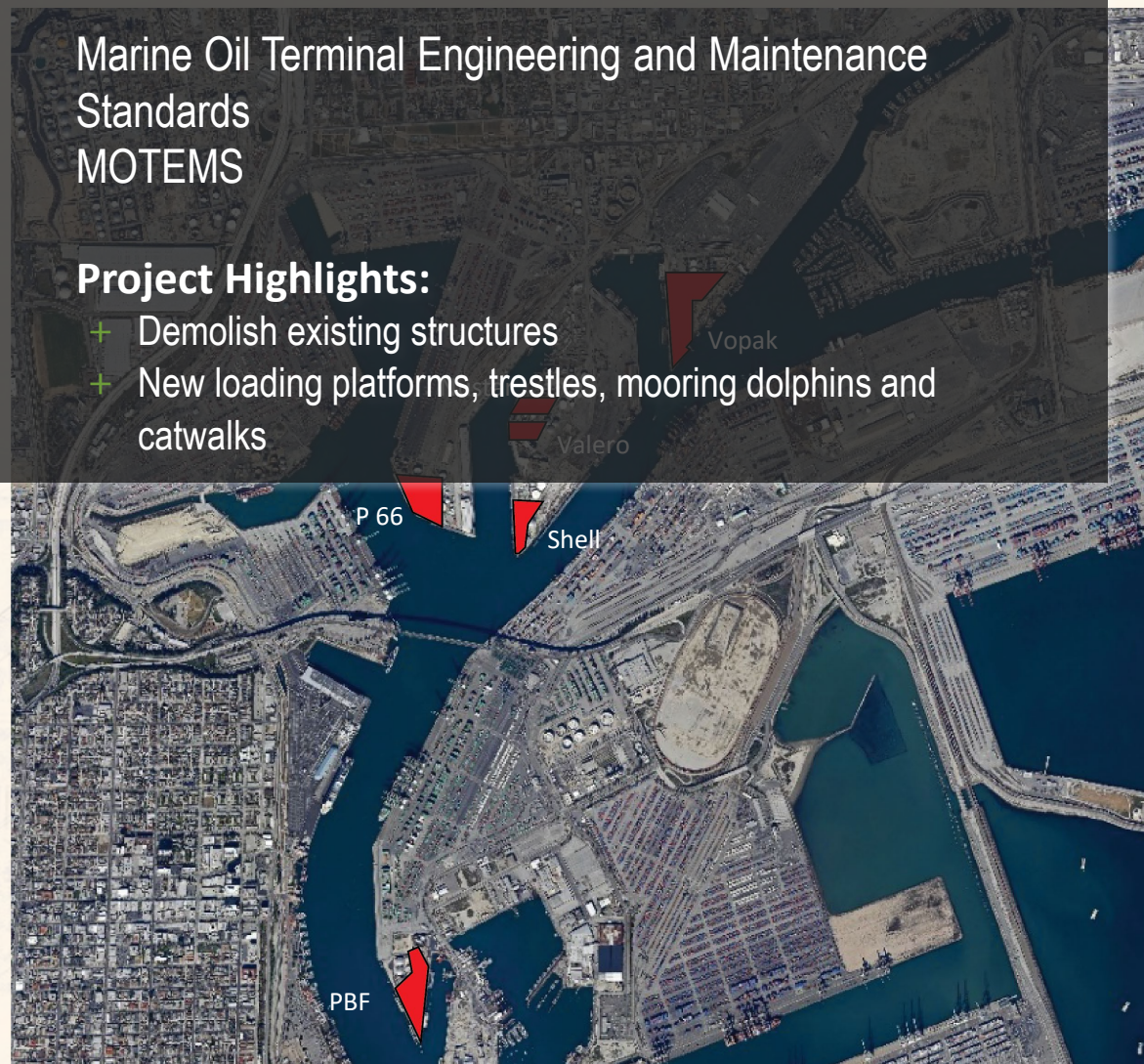
Berths 238-239 MOTEMS – PBF
Estimated Cost: \$24.7M
Anticipated Advertise: TBD



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

\$57.9M

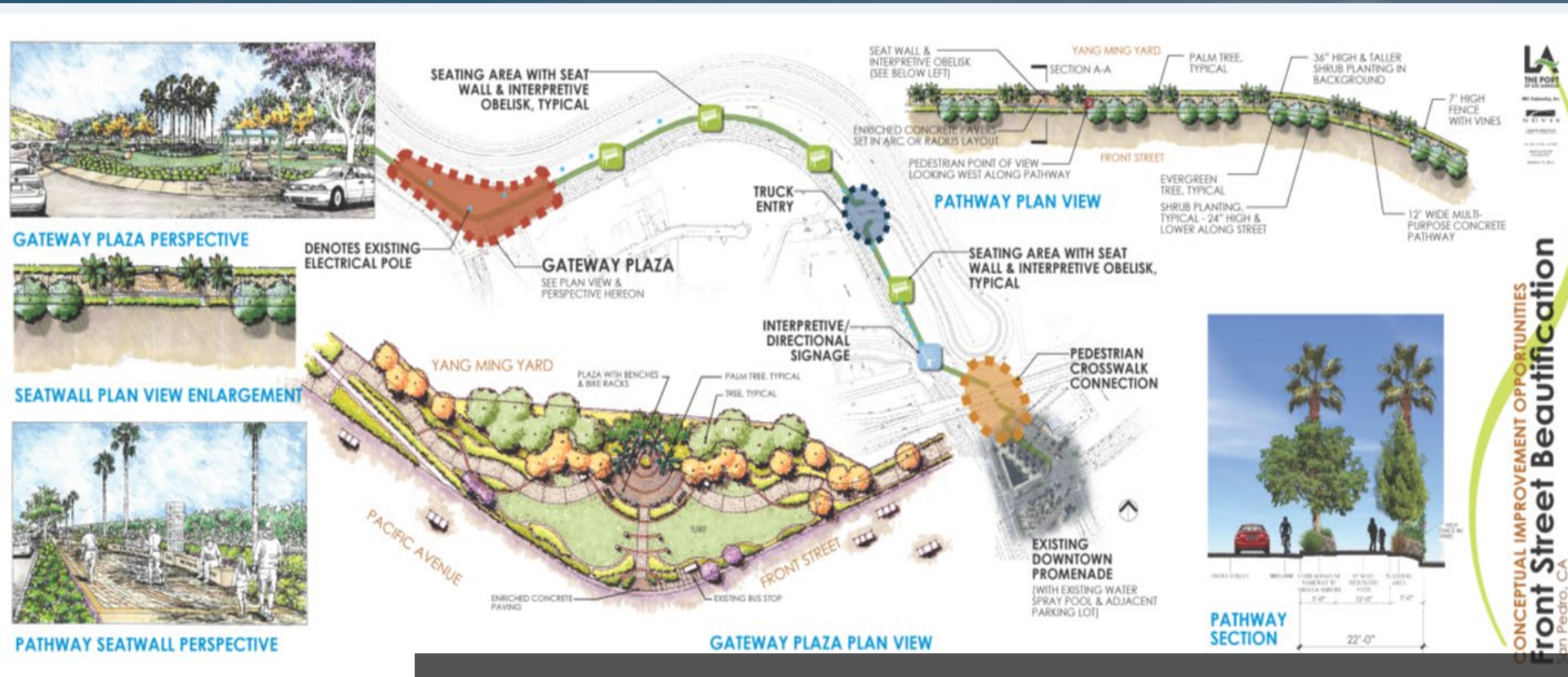
Construction Start: February 2022

Construction Finish: May 2024

Project Highlights:

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

Front Street Beautification



Construction Cost

\$5.6M

Construction Start: January 2023

Construction Finish: January 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

\$2.7M

Bids Close: March 23, 2022

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

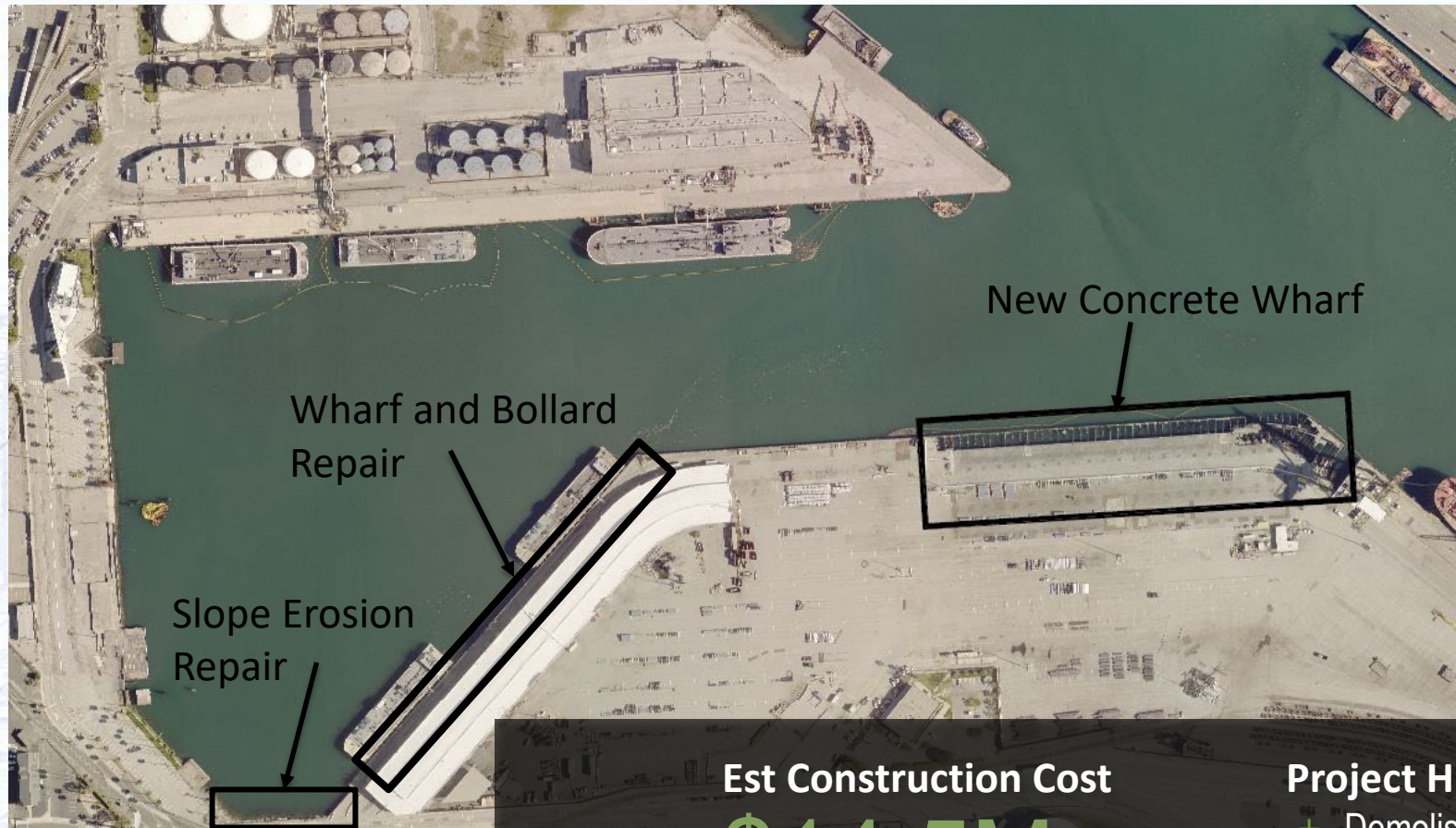
\$3.2M

Bids Close: April 2023

Project Highlights:

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

Berths 177-182 Development



Est Construction Cost

\$14.5M

Anticipated Advertise: March 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

\$14.8M

Anticipated Advertise: April 2023

Project Highlights:

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

State Route 47/Harbor Blvd. Interchange Reconfiguration



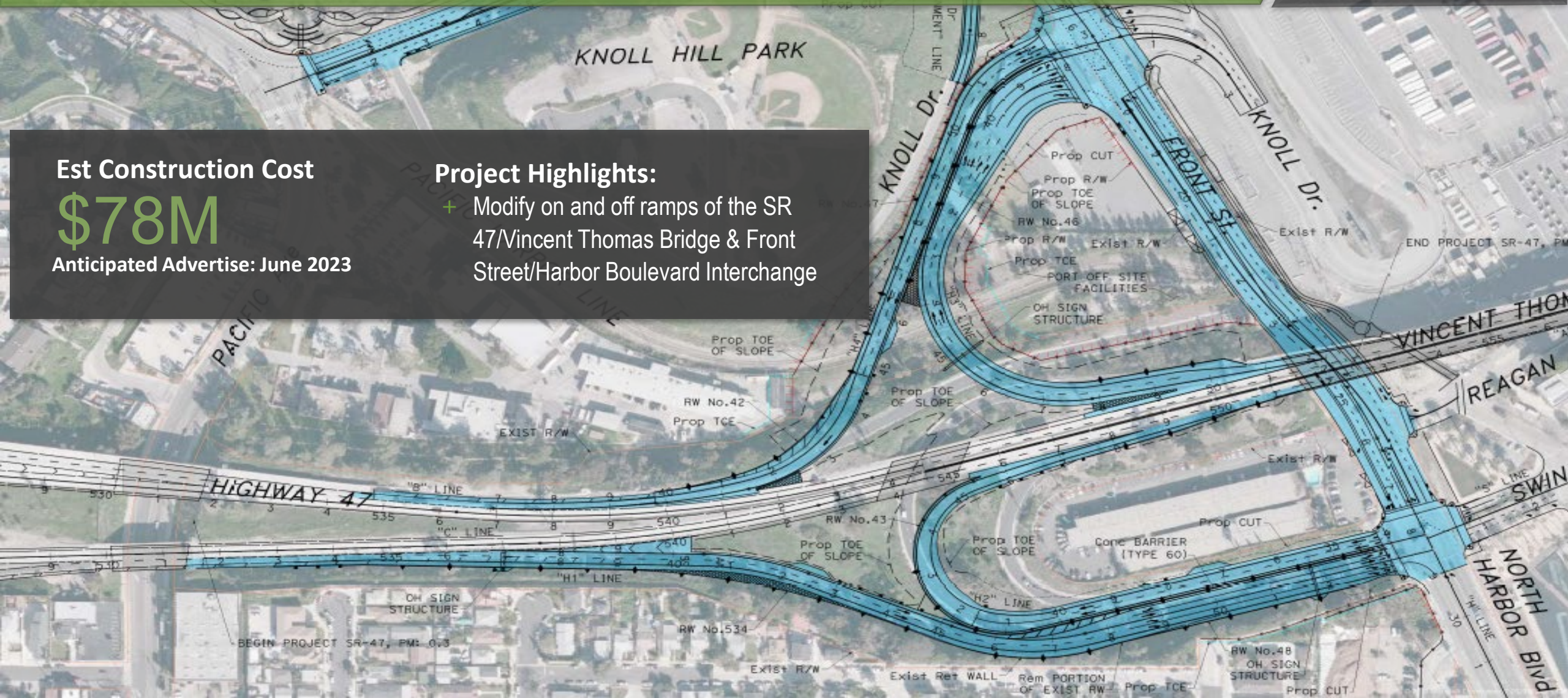
Est Construction Cost

\$78M

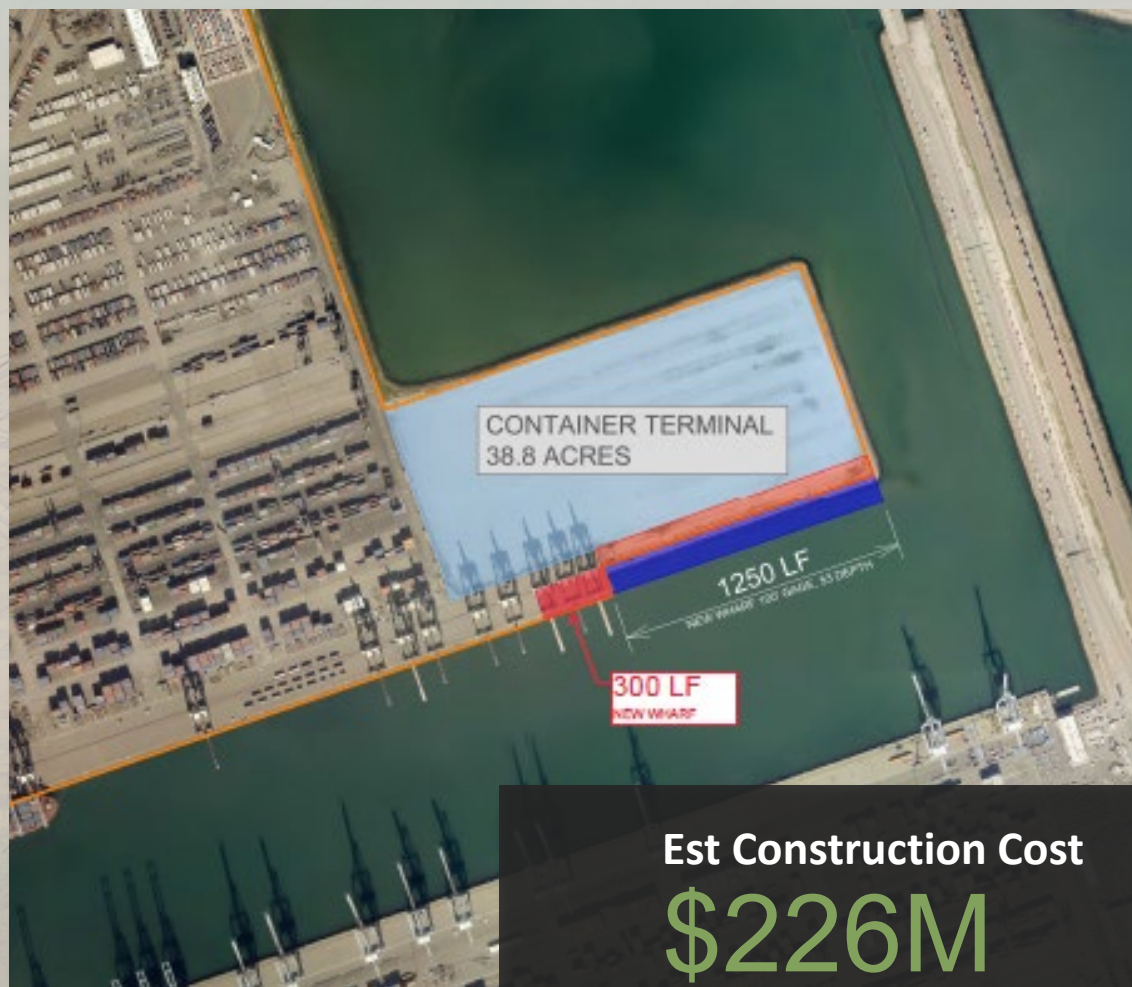
Anticipated Advertise: June 2023

Project Highlights:

- + Modify on and off ramps of the SR 47/Vincent Thomas Bridge & Front Street/Harbor Boulevard Interchange



Berth 306 Wharf and Backlands



Est Construction Cost

\$226M

Anticipated Advertise: September 2023



Project Highlights:

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

Berths 302-305 On-Dock Rail Expansion



Est Construction Cost

\$75M

Anticipated Advertise: February 2024

Project Highlights:

- + 17,500 New Track Feet - 5 new tracks
- + Expanded Throat – 3 Track Throat, 13 New Turnouts
- + Rail Signal Improvements – Train in Motion system, power derails, blue flag protection, track bumpers

Berths 302-305 RMG Crane Rail & Foundation



Est Construction Cost

TBD

Anticipated Advertise: TBD

Project Highlights:

- + 2,300 LF of 145' Gage Crane Rail
- + 5,000 LF Continuous Grade Beam Foundation
- + Electrical Infrastructure – substation modification, new power distribution, and communication conduit
- + Civil Improvements safety fencing, protection barriers, removals, drainage, grading and paving

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

Maritime Support Facility – Cargo Efficiency

Completion in 2025



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: \$39.2M

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: \$194.63M
- Anticipated Construction
September 2025 to August 2027

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

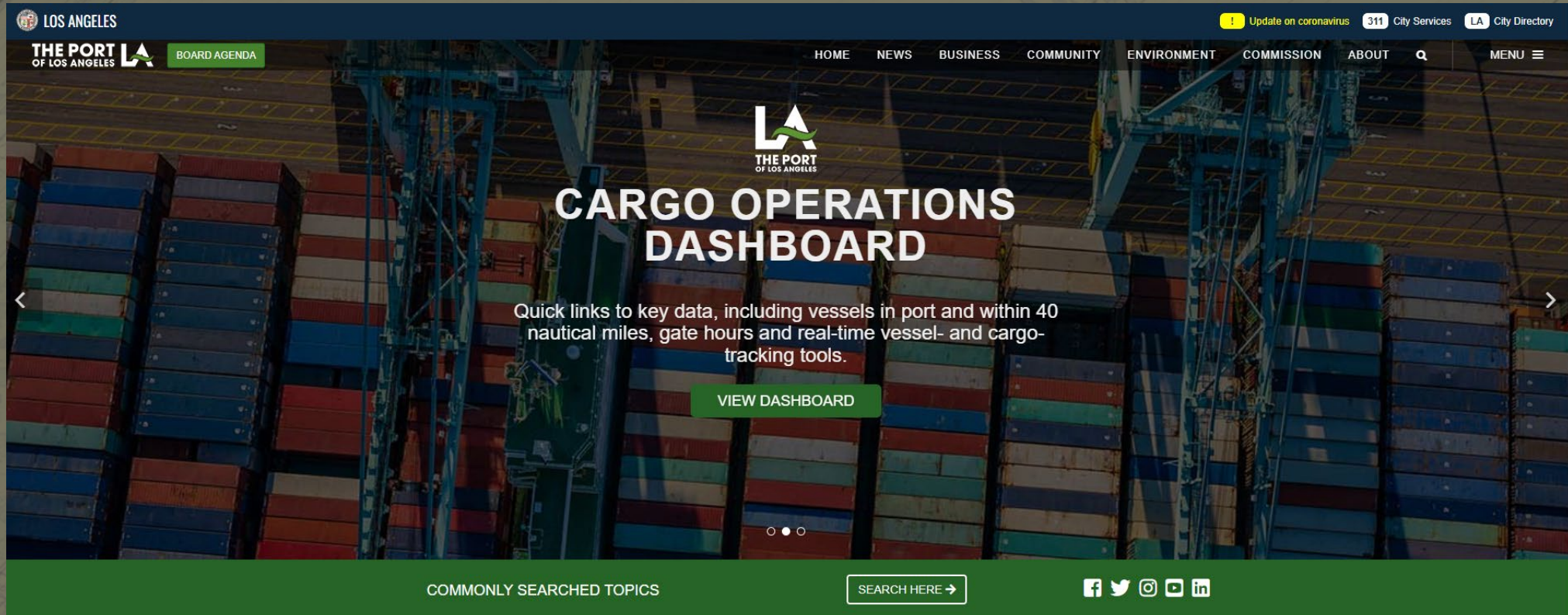
*Maximum Preference

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...



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>

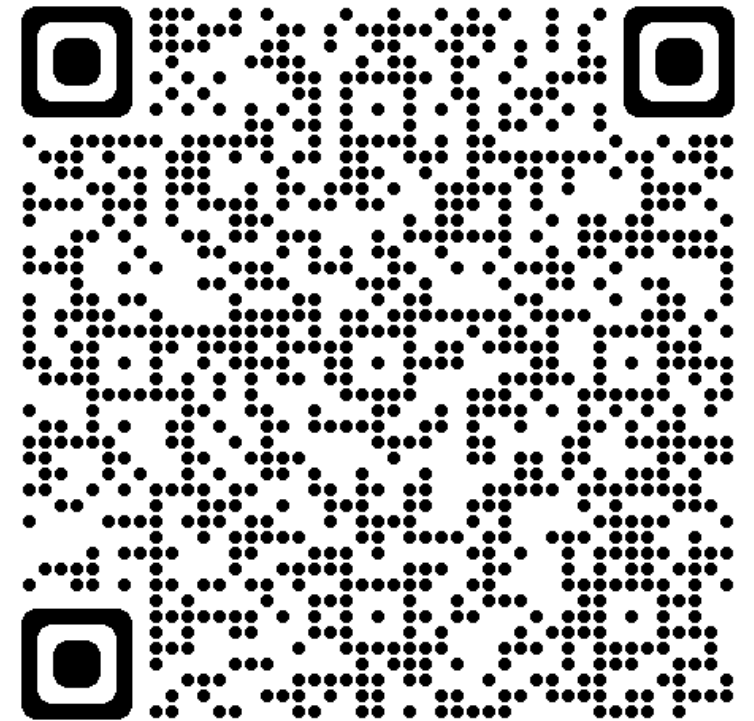
Construction Division Business Opportunity Network (CDBON)



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



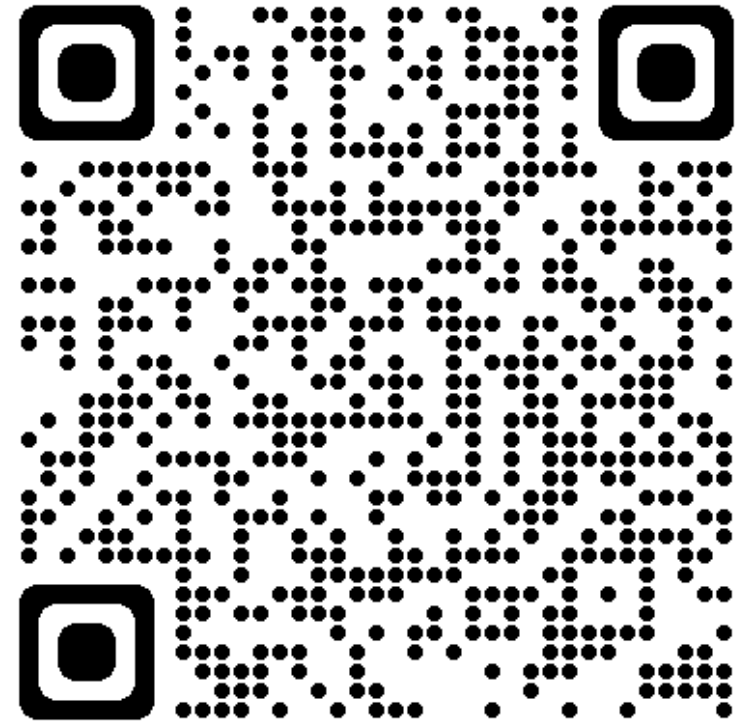
NEW VENDOR REGISTRATION

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



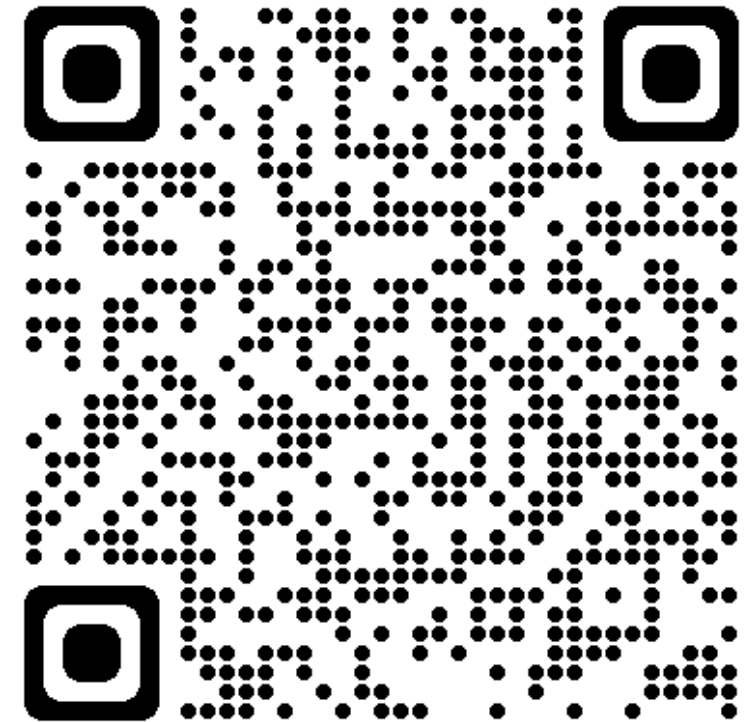
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BID OPPORTUNITIES

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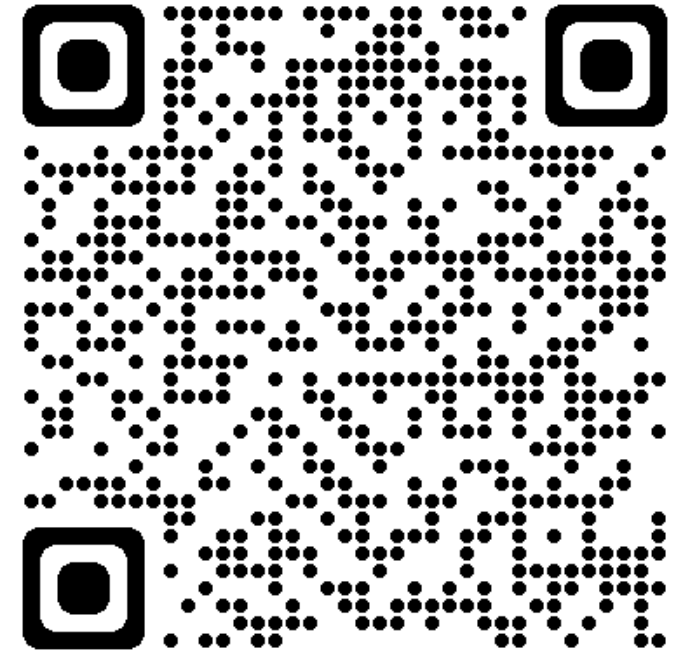
Regional Alliance Marketplace for Procurement (RAMP)



Register to receive notifications of
upcoming opportunities

[RAMP](#)

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

A screenshot of the RAMP website. The header includes the 'LOS ANGELES' logo, the 'RAMP' logo, and navigation links: 'Home', 'Search For Opportunities', 'Business Profiles', 'Support', and a 'LOGIN' button. A yellow banner at the top right says 'Update on coronavirus 311 City Services LA City Directory'. The main content area has a large image of a modern building interior with the text 'Join Regional Alliance Marketplace for Procurement (RAMP) to access contracting opportunities from regional partners.' To the right of this image is a 'SEARCH FOR BID OPPORTUNITIES' section with four input fields: 'Opportunity' (with a sub-label 'Title or Keyword'), 'Category', 'Status', and 'Type'. Below these fields is a green 'Search' button. At the bottom of the page, a light blue banner reads 'Welcome to RAMP! Forms, processes, and requirements for City of LA'.



Thank You!





Port of Long Beach

An Owner of Choice

Ramanjit Brar

Assistant Director, Construction Management Division

United Contractors Public Works Summit

March 20, 2023

PORT OF LONG BEACH

An aerial photograph of the Port of Long Beach, showing a large harbor filled with numerous cargo ships and container stacks. The port is surrounded by a dense urban area with many buildings and roads. In the background, there are mountains under a clear blue sky.

\$200 Billion in Trade Annually
2.6 Million Jobs Nationally
575,000 Jobs in Southern California

YEAR OF IMAGINATION



GREEN PORT POLICY

ADOPTED IN **2005** BY THE LONG BEACH BOARD OF HARBOR COMMISSIONERS

- **PROTECT THE COMMUNITY**
- **DISTINGUISH THE PORT AS A GLOBAL LEADER**
- **PROMOTE SUSTAINABILITY**
- **EMPLOY BEST TECHNOLOGY**
- **ENGAGE AND EDUCATE THE COMMUNITY**



Greenhouse
Gases
Goal by
2030



REDUCE

40%



Greenhouse
Gases
Goal by
2050



REDUCE

80%



Port of
LONG BEACH
THE GREEN PORT

OFFSHORE WIND POWER

PIER WIND PROPOSED STAGING FACILITY



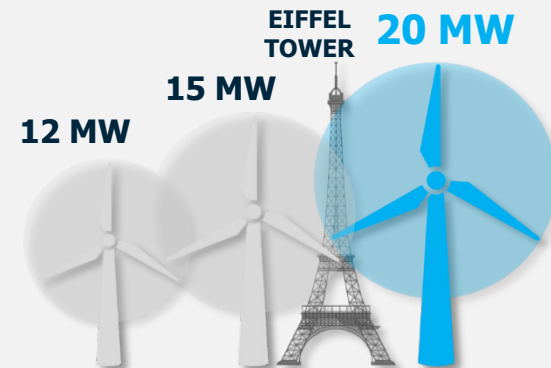
HOW CAN THE PORT OF LONG BEACH HELP SUPPORT?

Port of Long Beach

1500 ACRES
-40' to -70'
Deep

NO AIR HEIGHT
RESTRICTIONS

WIND TURBINE GENERATOR



PIER WIND

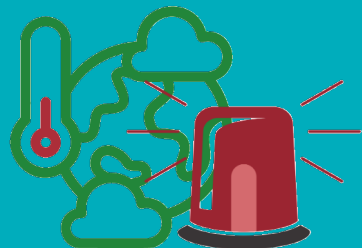
**LARGEST PURPOSE-BUILT OFFSHORE
WIND FACILITY IN THE UNITED STATES**

**US GOAL OF
15 GW BY 2035**
**CA GOAL OF
25 GW BY 2045**

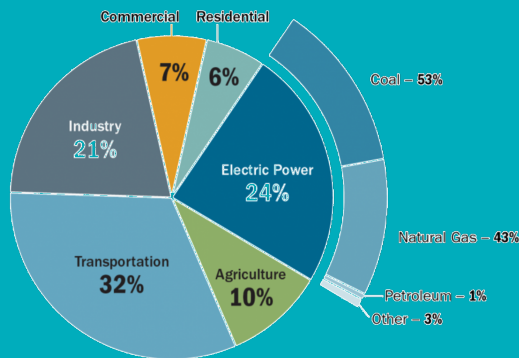


WHY OFFSHORE WIND IS A BIG AND GROWING INDUSTRY

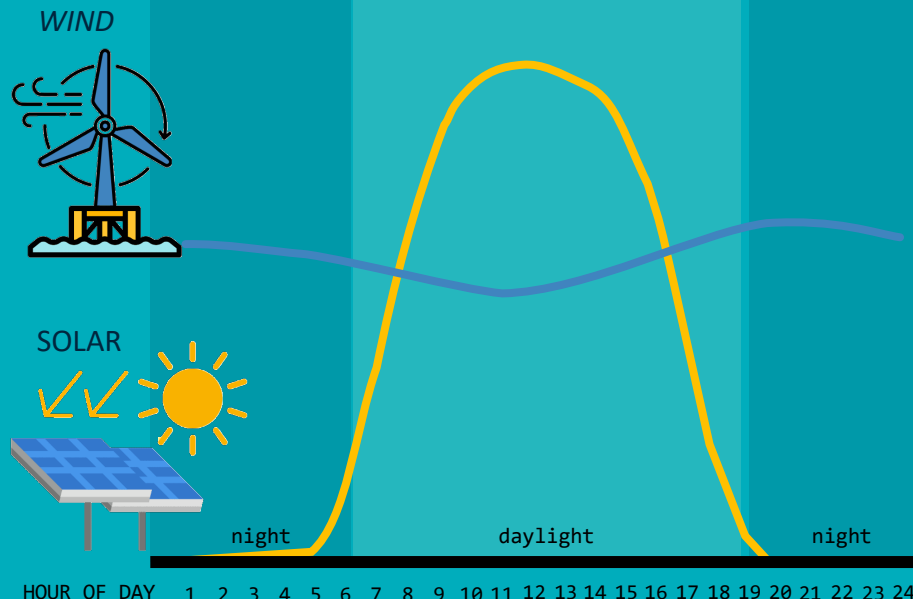
SENSE OF *URGENCY*
ON CLIMATE CHANGE



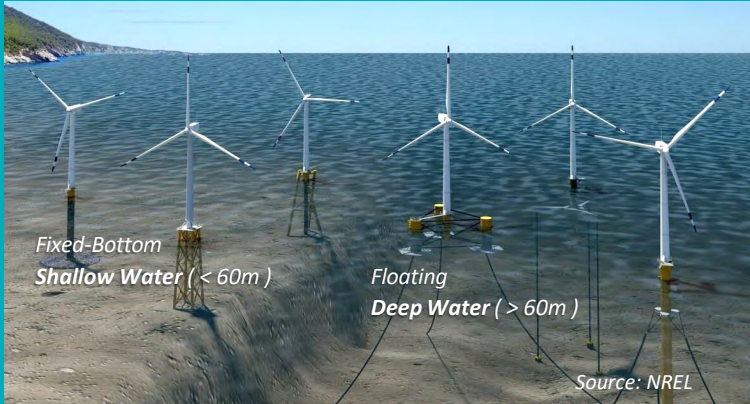
DECARBONIZE
THE ELECTRICAL GRID



BREAKDOWN OF GREENHOUSE
GAS EMISSIONS BY SECTOR



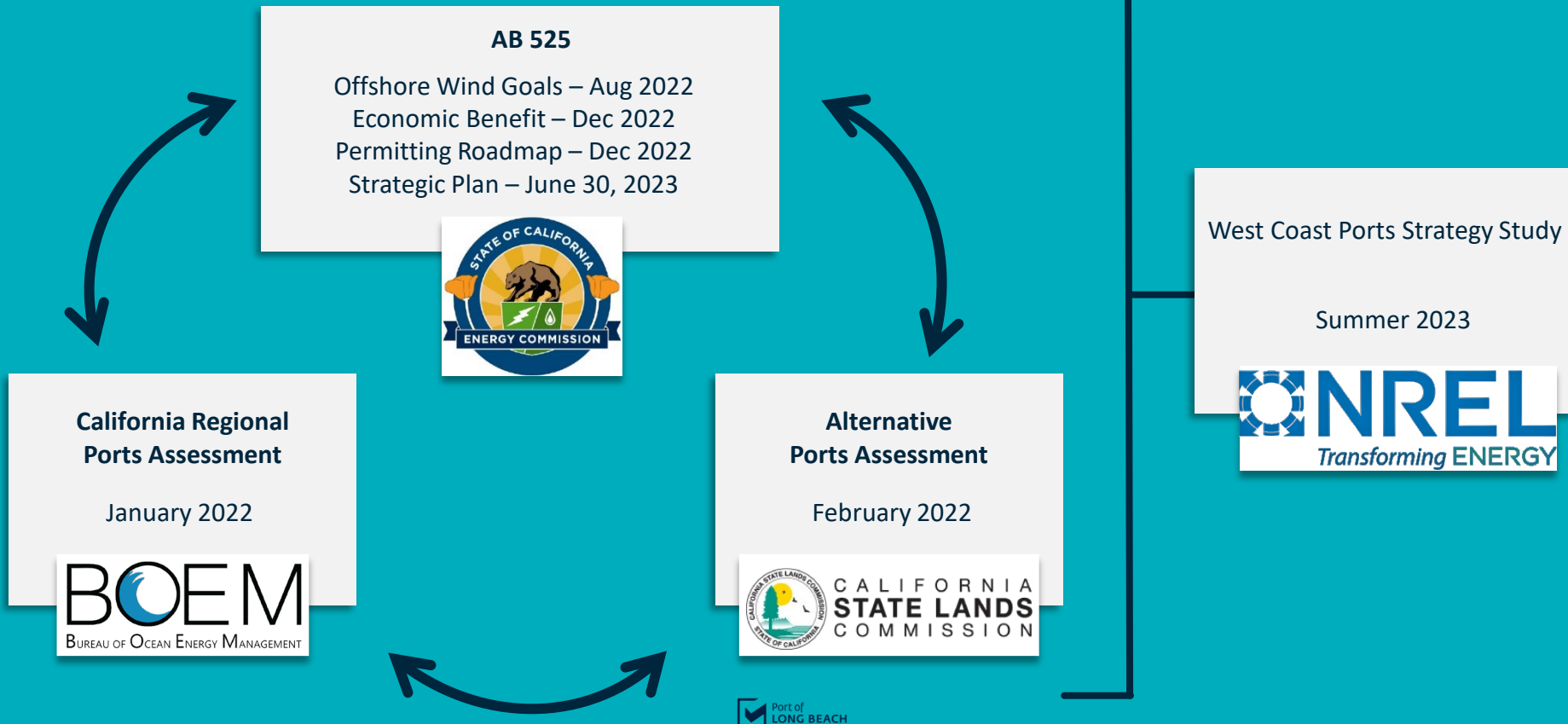
FLOATING WIND TURBINE GENERATORS



OSW FOUNDATION AND COMPONENTS



WHOLE OF GOVERNMENT APPROACH





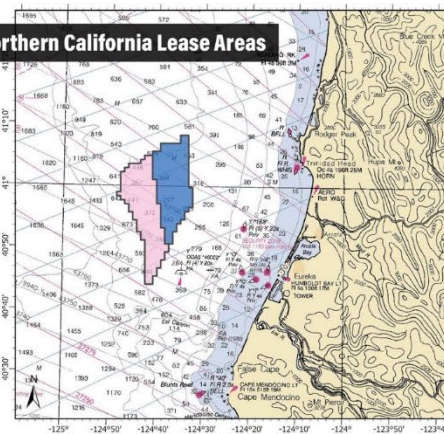
LEASE
AREA

Provisional Winners of the California Lease Areas, \$757,100,000 in High Bids

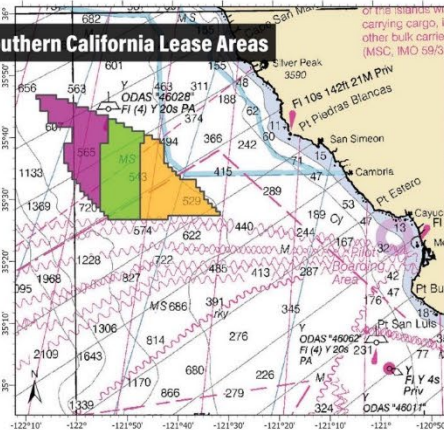
OCS-P0561	RWE Offshore Wind Holding, LLC	\$157,700,000
OCS-P0562	California North Floating LLC	\$173,800,000
OCS-P0563	Equinor Wind US LLC	\$130,000,000
OCS-P0564	Central California Offshore Wind LLC	\$150,300,000
OCS-P0565	Invenergy California Offshore LLC	\$145,300,000

BOEM Bureau of
Ocean Energy Management

Northern California Lease Areas



Southern California Lease Areas



TIMELINE FOR IMPLEMENTATION – FIRST LEASE AREAS

BOEM TIMELINE

[Planning & Analysis]

[Leasing]

[Site Assessment]

[Construction & Operations]

Initiate
Leasing Process
(RFI/Call)

Lease
Granted

Submit SAP

BOEM Deems COP
Complete & Sufficient

BOEM
Approves COP



Area Identification
Wind Energy Areas

Publish
Leasing Notices



Pre-survey
Meetings/Plan


Site Assessment & Surveys
(maximum timeframe)



BOEM Environmental
& Technical Reviews



Installation

0 — ~1/2

0 — <1 1/2

0

1

0

<5

0 — 2

NEPA/Environmental Reviews



Auction

12/6/22

BOEM Reviews &
Approves SAP

Submit COP
(with Project Design Envelope – optional)

Submit Design &
Installation Plans

CA TIMELINE


2023

CALIFORNIA PORT INFRASTRUCTURE

2030

5 GW Goal

POLB STRATEGIC ADVANTAGES



**State's largest
skilled marine,
manufacturing, and
construction workforce**

**Center of the U.S.
Supply Chain**

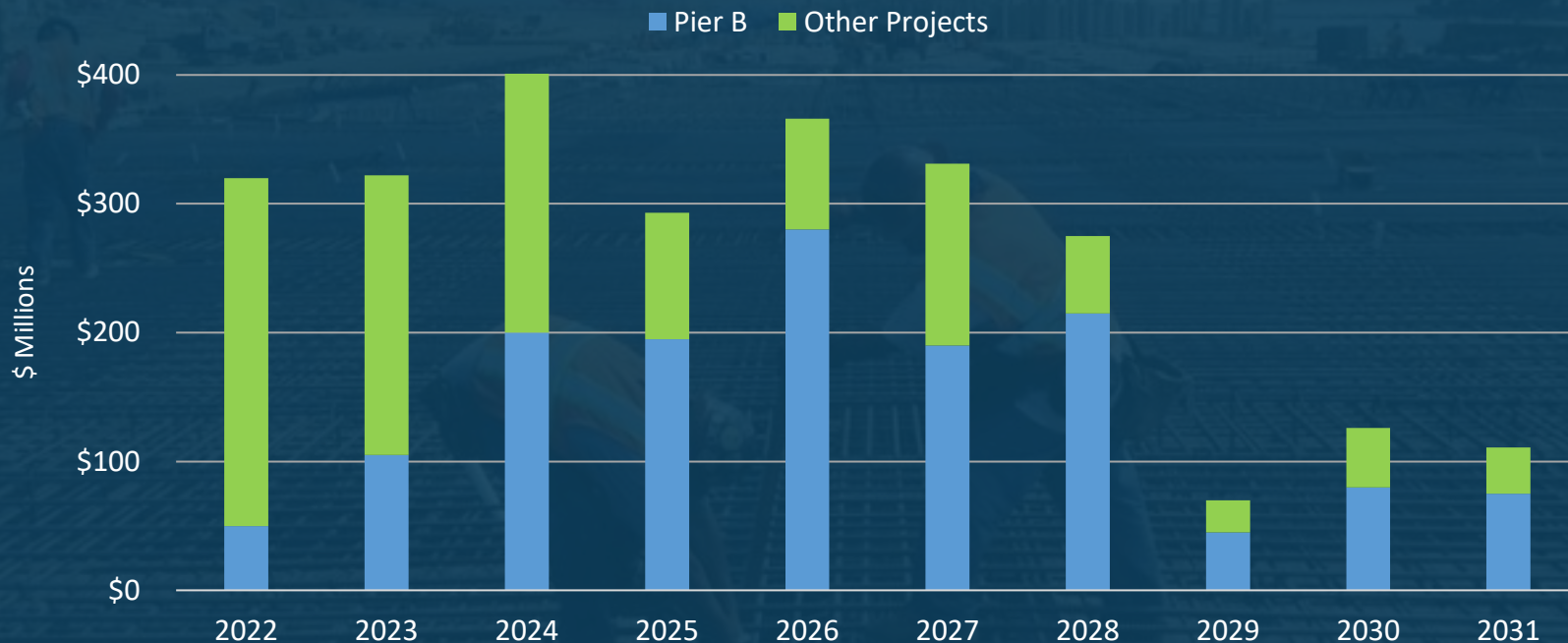
**Big enough to scale
up to larger turbines
as technology
develops**

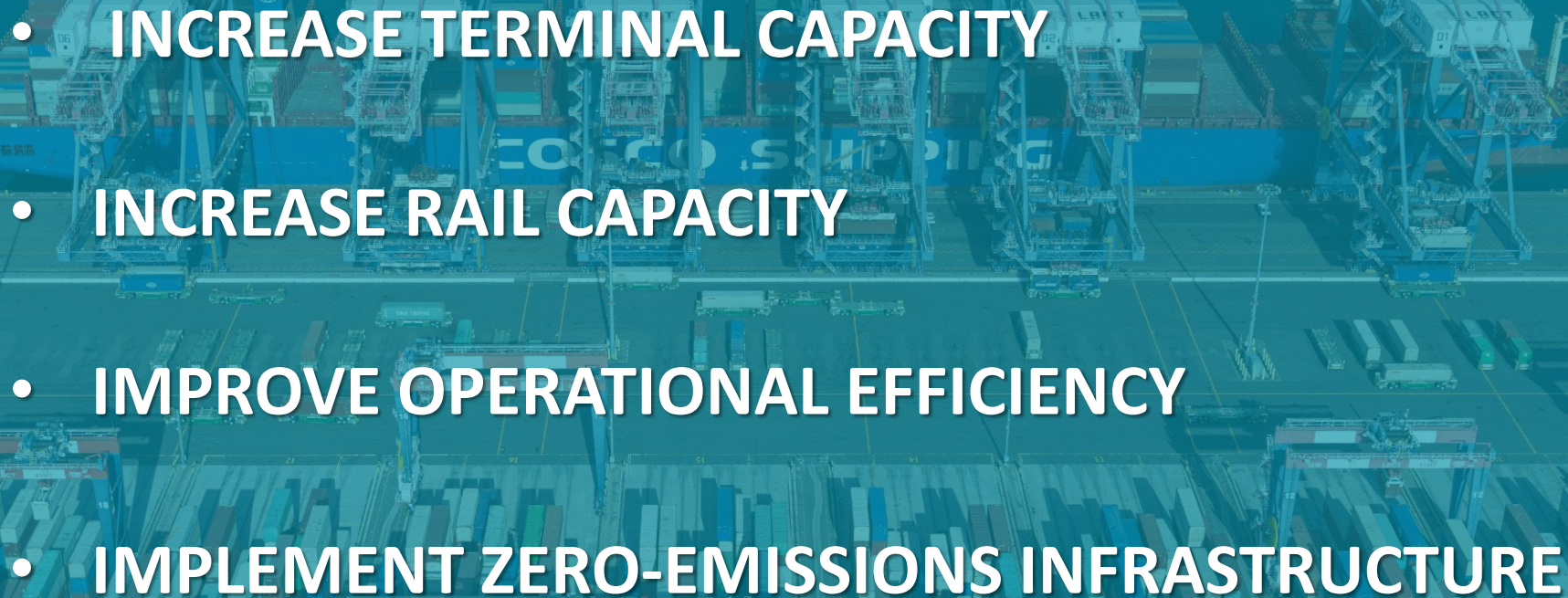
**Economically viable
for long-term use
(no stranded assets)**

**Aligns with the
Tidelands Trust and
the California
Coastal Act**

**Industry leader in
developing large
Marine Infrastructure**

Port of **LONG BEACH**
\$2.6 BILLION in CAPITAL PROJECTS
FY 2022-2031



- 
- An aerial photograph of a large port terminal, overlaid with a semi-transparent blue filter. The image shows several large gantry cranes positioned along a quay, with numerous colorful shipping containers stacked in neat rows in the foreground and middle ground. The text of the list is centered over the image.
- INCREASE TERMINAL CAPACITY
 - INCREASE RAIL CAPACITY
 - IMPROVE OPERATIONAL EFFICIENCY
 - IMPLEMENT ZERO-EMISSIONS INFRASTRUCTURE

ON-DOCK RAIL

PIER B RAIL SUPPORT FACILITY



PIER B ON-DOCK RAIL SUPPORT FACILITY

An aerial photograph of an industrial and urban area. A large, irregular area is outlined in yellow, representing the 'PIER B ON-DOCK RAIL SUPPORT FACILITY'. This area includes a long, straight section with many orange rail cars, and a curved section at the bottom right. To the left of the yellow-outlined area, there are numerous large white cylindrical storage tanks. The background shows a dense urban area with many buildings and streets. A river or canal is visible on the right side of the image.

PHASE 1 PROJECTS

- EAST EXPANSION: \$31.2M
- WEST EXPANSION & PIER B STREET REALIGNMENT: \$59.5M
- LOCOMOTIVE FACILITY: \$29M



5 New Arrival and
Departure tracks

93,000 –feet
Support Yard

Resupply Station for
up to **30** Locomotives

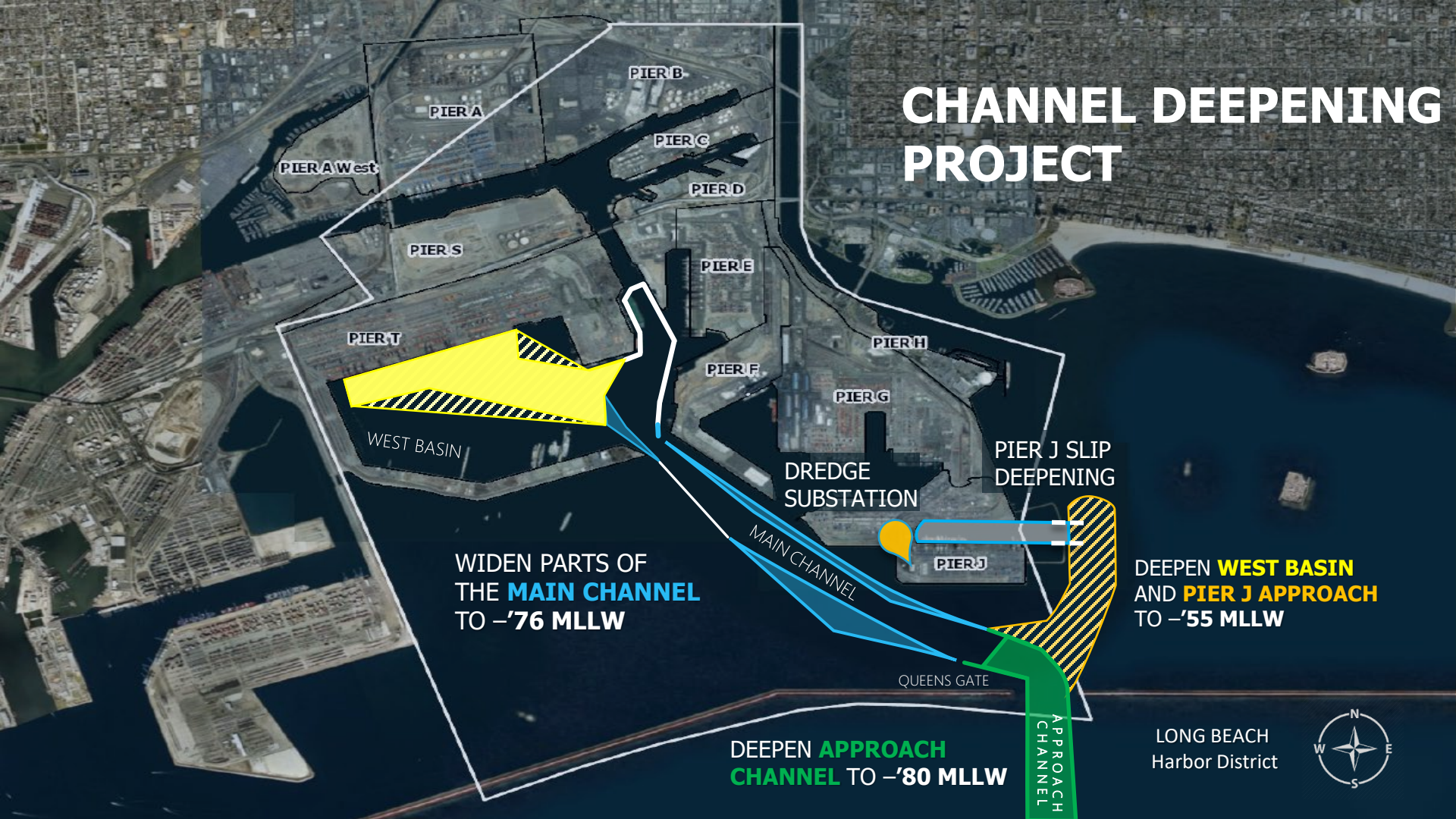
Realign & Improve
Pier B St. & Pico Ave.

Locomotive
Facility

West
Expansion

East
Expansion
(mostly off the
page south)

CHANNEL DEEPENING PROJECT



WIDEN PARTS OF
THE **MAIN CHANNEL**
TO -'76 MLLW

DEEPEN **APPROACH
CHANNEL** TO -'80 MLLW

PIER J SLIP
DEEPENING

DEEPEN **WEST BASIN**
AND **PIER J APPROACH**
TO -'55 MLLW

LONG BEACH
Harbor District



Finding Opportunities

www.polb.com

Business/Business Opportunities/Future Work

PORT OF LONG BEACH

SBE /VSBE PROGRAM

Public Agency	Agency-Wide SBE Goal
Port of Long Beach	27%
Port of Los Angeles	25%
Port of Oakland	0%
Unified Port of San Diego	0%
CalTrans/DGS	25%
City of Long Beach	25%
Los Angeles World Airports (LAWA)	25%
Metropolitan Water District (MWD)	25%

BUREAU	FY20			FY21		
	TOTAL PAYMENTS (rounded to millions)**	SBE/VSB PAYMENTS (rounded to millions)**	COMBINED SBE/VSB UTILIZATION %	TOTAL PAYMENTS (rounded to millions)**	SBE/VSB PAYMENTS (rounded to millions)**	COMBINED SBE/VSB UTILIZATION %
Engineering Services	181.4M	62.0M	34.1%	152.1M	61.3M	40.3%
Planning & Environmental Affairs	6.2M	2.2M	35.8%	5.6M	2.0M	36.0%
Finance & Administration	6.0M	2.1M	35.4%	7.7M	4.5M	58.3%
Commercial Operations	5.2M	1.7M	32.7%	6.3M	2.2M	35.1%
Executive***	2.4M	1.2M	52.5%	1.5M	.7M	45.1%
DEPT-WIDE TOTAL	201.2M	69.2M	34.4%	173.2M	70.7M	40.8%*

*Of the 40.8% combined utilization in FY21, 16.1% was paid to VSBs

**Total Payments and Total SBE/VSB Payments are based on review of contracts over \$100k

***Executive includes the Communication Division, Human Resources Division and Government Relations Division

Thank You

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