

Waterfront Opportunities Port of San Diego

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Port of San Diego

Manager | Engineering-Construction



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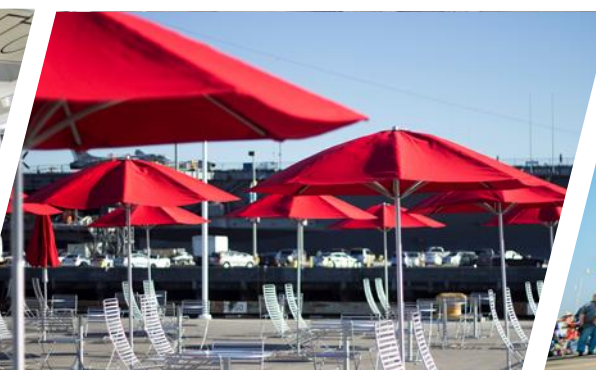
PORT of
SAN DIEGO
Experiences

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Frau Herr & Herr Herr

Purpose and Learning Objectives



About the Port
of San Diego

Opportunities to
work with/for
the Port of San
Diego

Development
Opportunities

Public Works
Projects



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Experiences

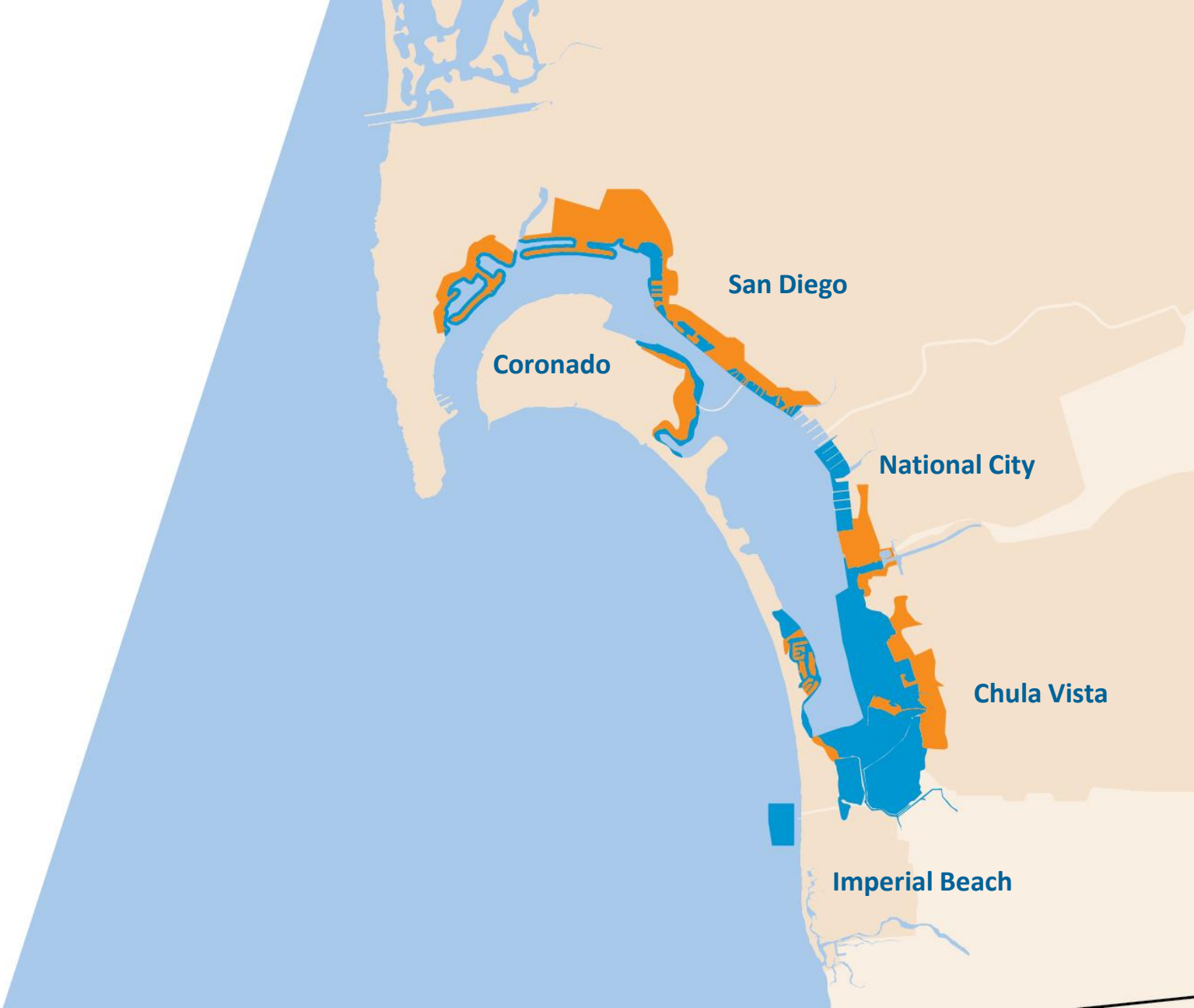
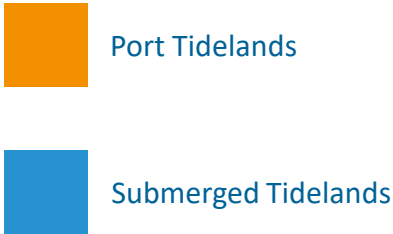
About the Port of San Diego

Port of San Diego Jurisdiction

34
miles of waterfront

2,403
acres of land

3,535
acres of water



The Port Act and Tidelands Trust Doctrine



Details responsibility on behalf of the people of the State of California



Manage San Diego Bay and the Waterfront 'Tidelands'



Promote commerce, navigation, recreation and fisheries



Board of Port Commissioners



Garry Bonelli
Chairman



Ann Moore
Vice Chairman



Michael Zucchet
Secretary



Rafael
Castellanos



Dan Malcolm



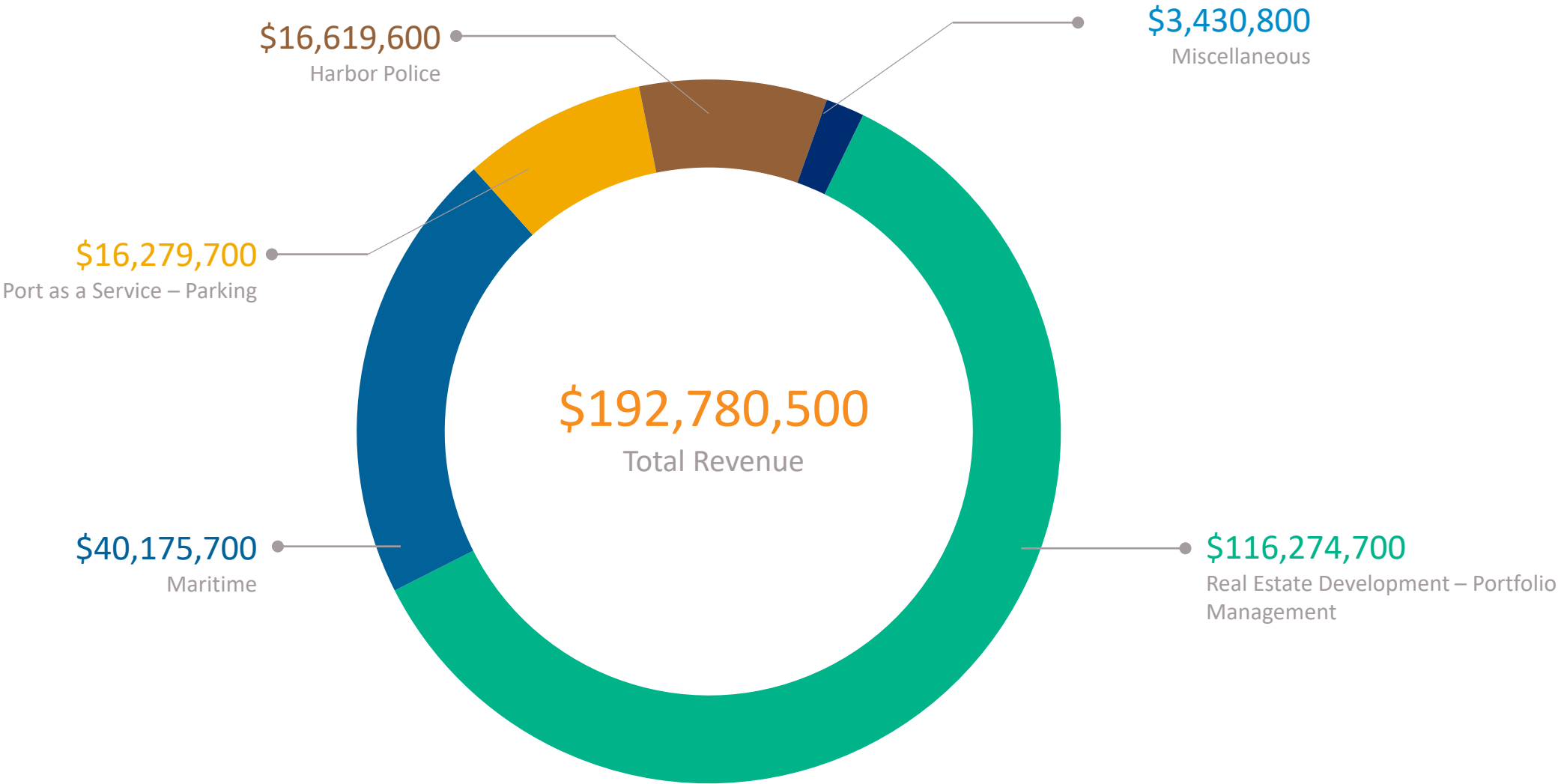
Marshall Merrifield



Dukie Valderrama

Port of San Diego Budget

FY 2019-2020



Economic Engine

More than \$1.7 Billion Invested Since 1963



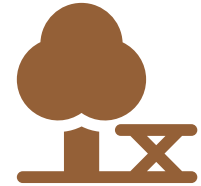
- Two Maritime Cargo Terminals
- B Street Cruise Ship Terminal
- Port Pavilion on Broadway Pier
- Expansion of NC Marine Terminal Wharf



- SD Convention Center & Expansion
- Airport Terminals and Expansions
- Shelter Island
- Harbor Island



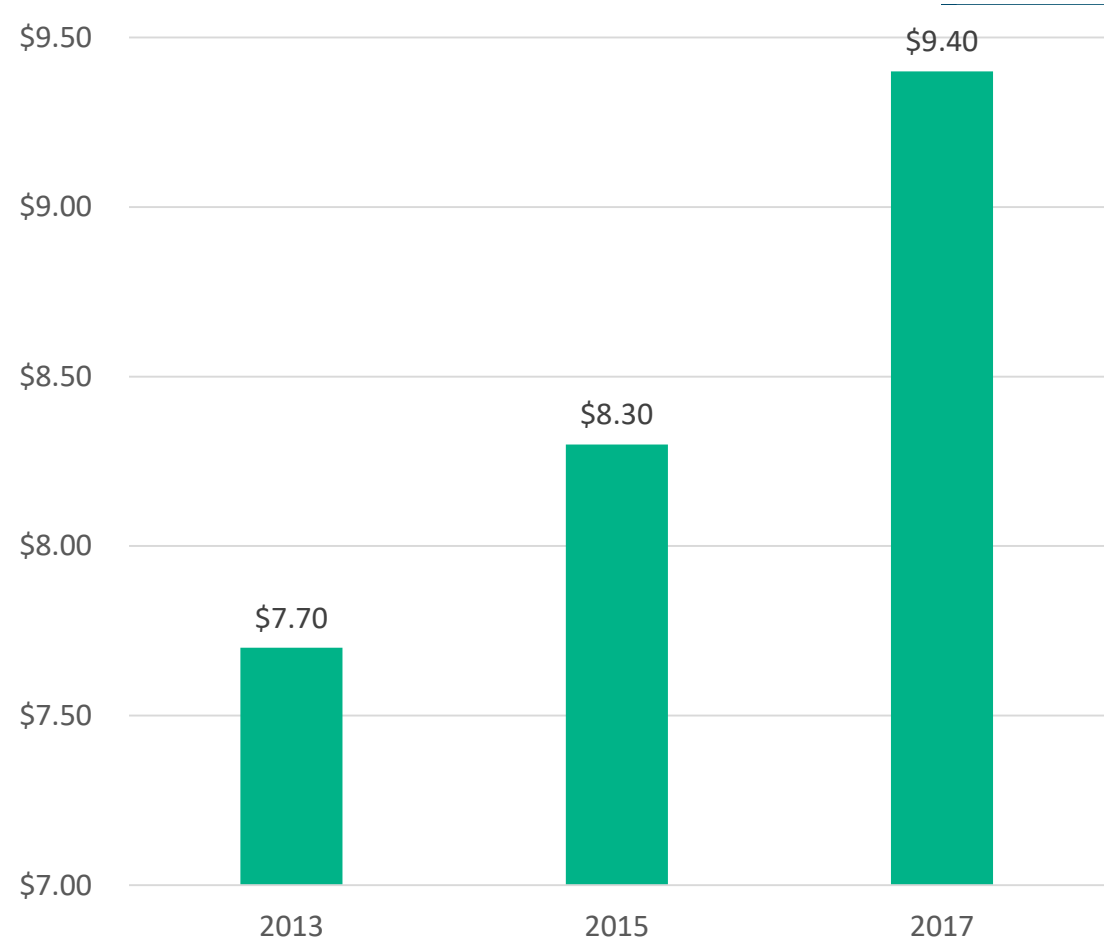
- South Bay Wildlife Refuge
- Wildlife and Habitat Preservation



- 22 Dedicated Public Parks
- National City Marina Basin
- North Embarcadero Visionary Plan Phase I

Overall Economic Impact

(in billions)



Integrated Planning/Port Master Plan Update

- A project of regional importance
- A rare opportunity to think 50 years ahead
- A legacy for the Port and the community



Discussion Draft of Port Master Plan Update

- Includes and addresses allowable uses and activities
- Future development
- Provides a mix of goals, policies and standards
- Public encouraged to review and provide comment

Opportunities to work for/with the Port of San Diego



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Construction-Engineering



Leadership – Turning the Pyramid Upside Down



CM's/PM's



Inspectors



Surveyors



Manager Engineering-Construction Team





5

public piers

9

museums &
attractions

18

hotels

22

parks

70

artworks

74

restaurants

80+

sponsored events



87

green business network
members

142

million gallons of water
saved in last decade

3,000

ton reduction in GHG
emissions in one year

987,000

kW hours of energy saved with LED
lighting retrofits



4th

largest of the 11
California ports

2

cargo
terminals

2

cruise
terminals

1 of 17

U.S. strategic
ports



140

sworn employees



20

Dive Team
members



6

K-9 units



3

Federal task forces



**PORT of
SAN DIEGO**
Waterfront of Opportunity

Waterfront Development Public Works Projects



50,000

boat launches annually
Shelter Island Boat
Launch in redevelopment



535

acre development
at Chula Vista Bayfront



4

restaurant concepts
planned for North
Embarcadero



55

acre development
at East Harbor Island

70

acre redevelopment at
Central Embarcadero

Shelter Island Boat Launch Replacement



1950's Shelter Island Boat Ramp 1 lanes



1975 Shelter Island Improvements 10 lanes

Shelter Island Boat Launch Replacement

- Enlarged basin interior
- Provides more docking areas
- Allows greater maneuverability, enhanced public safety and increased overall capacity
- \$6.1 million grant from the Dept. of Boating & Waterways
- \$3,35 million grant from Wildlife Conservatory Board
- Project completed on December 21, 2018
- Provide more docking areas greater enhance public safety and increase overall capacity



Shelter Island Boat Launch Replacement



Chula Vista Bayfront

535 Acres

- Hotels
- Convention Center
- Residential
- Retail
- Marina
- 286 acres of public realm



**Chula Vista Bayfront Master Plan Illustrative
Locally and State-Approved Land Use Plan by
City of Chula Vista and Port of San Diego**

v.01/27/14

Gaylord Resort Hotel and Convention Center

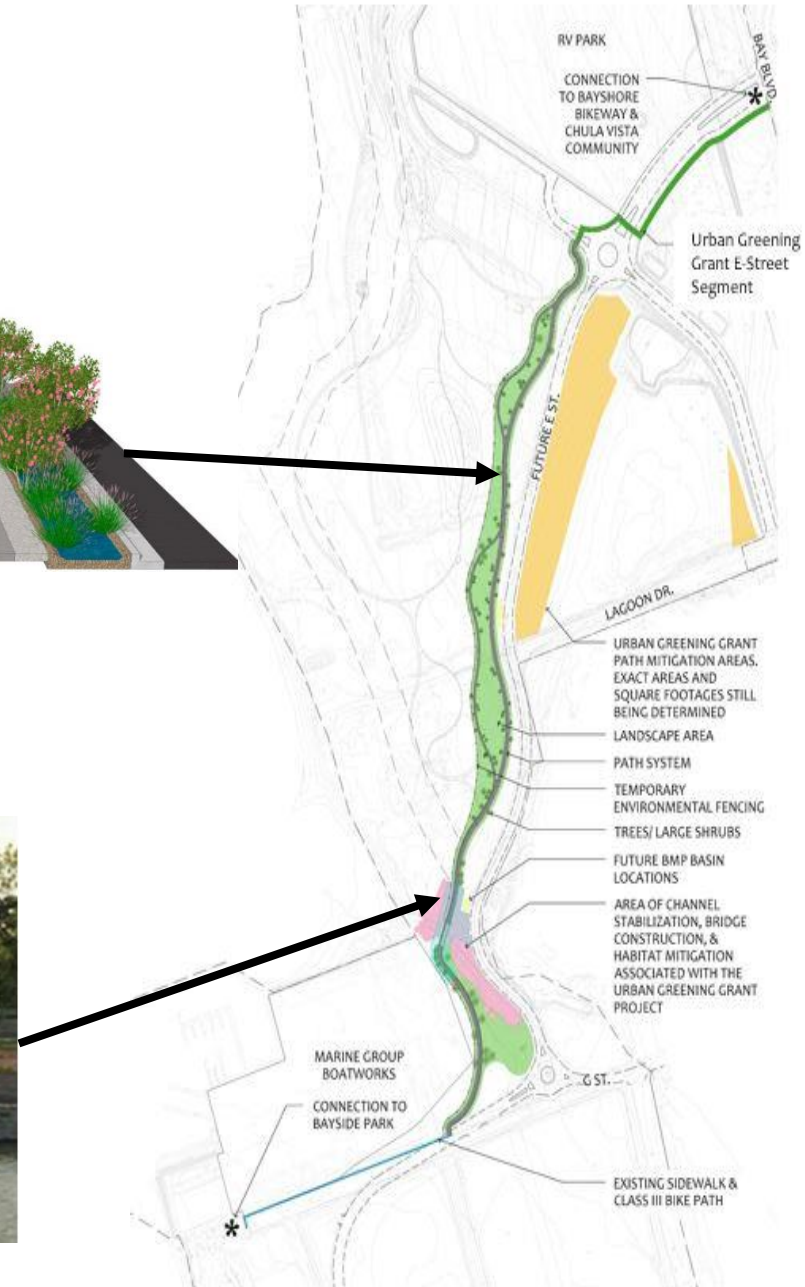
- To be developed by RIDA Development
- Up to 1,600 hotel rooms with resort amenities
- 275,000 SF usable convention space
- Retail space
- Up to 1,600 parking spaces
- Phase 1A Public Infrastructure



Sweetwater Path and Promenade

E Street & Natural Habitat

- 3/4-mile Class I Bike Path and Pedestrian Promenade
- Pedestrian Bridge - F & G Street Marsh
- Native Trees, Shrubs and Ornamental Landscaping
- Restoration of Channel Bed



Costa Vista RV Resort

- Developed by Sun Communities Inc.
- Tucker Sadler Architects
- 255 spaces, including 139 RV stalls and 116 RV Park Models
- Restaurant, Playground, Dog Park



Chula Vista Bayfront Project

Sweetwater & Harbor Parks



Chula Vista Harbor Park

Waterfront East of H Street / E Street

- 25 acres Park
- Leverage Bay as Natural Destination
- Robust Programming of Events and Activities
- Diverse Amenities and Experiences
- Implemented in Phases – \$19.5 Million Ph. 1



Chula Vista Sweetwater Park

E Street / Living Cost Discovery Center to Bayside Park

- 23-acre Park (26-acre Buffer)
- Passive and Natural Park
- Buffered from Wildlife Refuge and Beach
- Interpretive and Educational Lagoon
- Grant opportunity
- In Design by KTUA
- Budget \$8.5M
- Construction completed by 2023



Portside Pier

Waterfront Dining and Enjoyment Complex from The Brigantine



- Brigantine on the Bay
- Miguel's Cocina
- Ketch Grill & Taps
- Portside Coffee & Gelato
- New Public Viewing Deck
- Panoramic Walkway
- Expanded Dock and Dine

Harbor Island Redevelopment



1HWY1 Project

- World Class Waterfront Development – 70 Acre Centerpiece of San Diego



1HWY1



1HWY1



1HWY1





Port of San Diego Maritime

Port Maritime

Marine Terminals for Specialty Cargo



National City Marine Terminal

- Mobile Restroom at National Distribution Center
- Stormwater BMP Design at NCMT Berth 24-10

Tenth Avenue Marine Terminal

- Restroom and Office Refurbishment at TAMT Warehouse C
- Stormwater BMP Design at TAMT Basin 1
- Railroad Tie Repairs at TAMT
- Long-Term Modernization Project in Progress
- Microgrid Infrastructure at TAMT

Port of San Diego Maritime

Cargo



Bananas, cement, project cargo



Specialize in break-bulk cargo at Tenth Avenue Marine Terminal



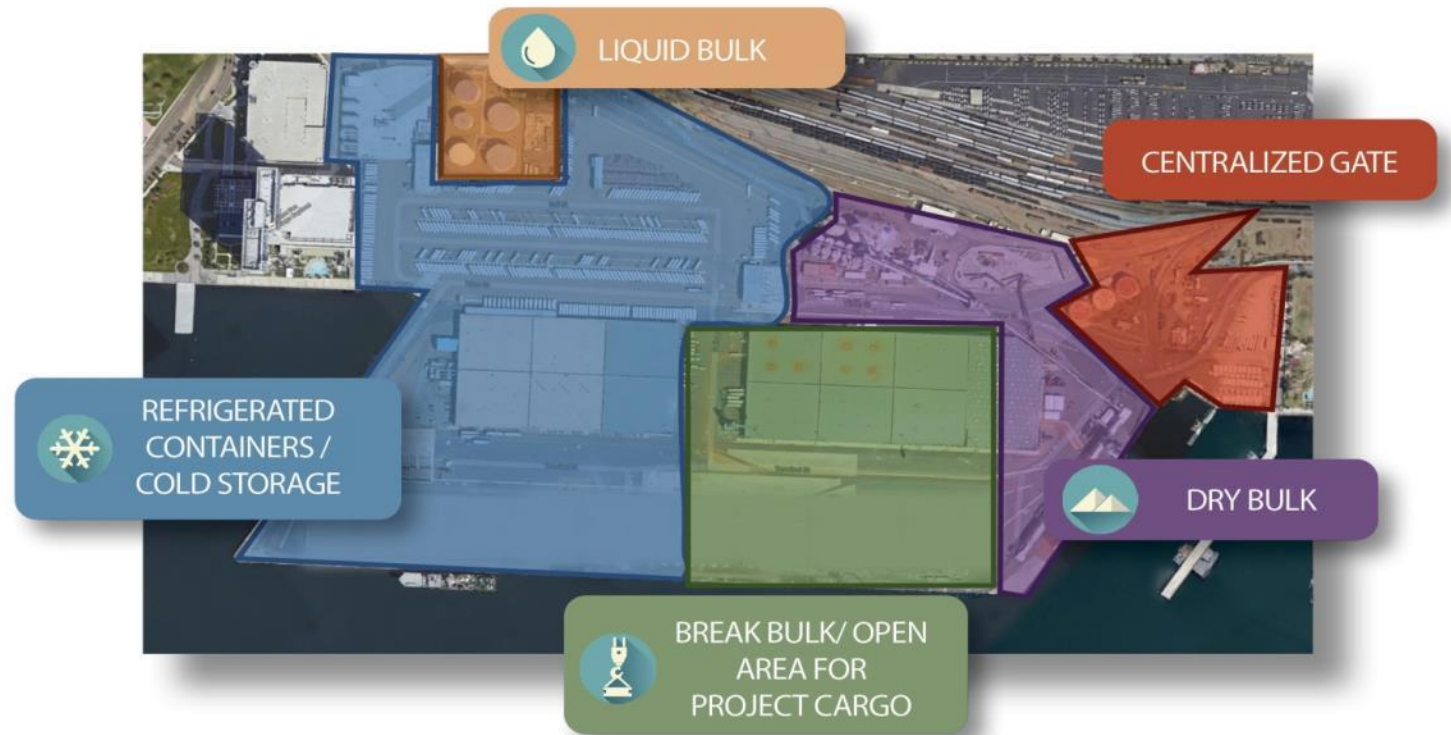
Specialize in roll-on and roll-off cargo at National City Marine Terminal



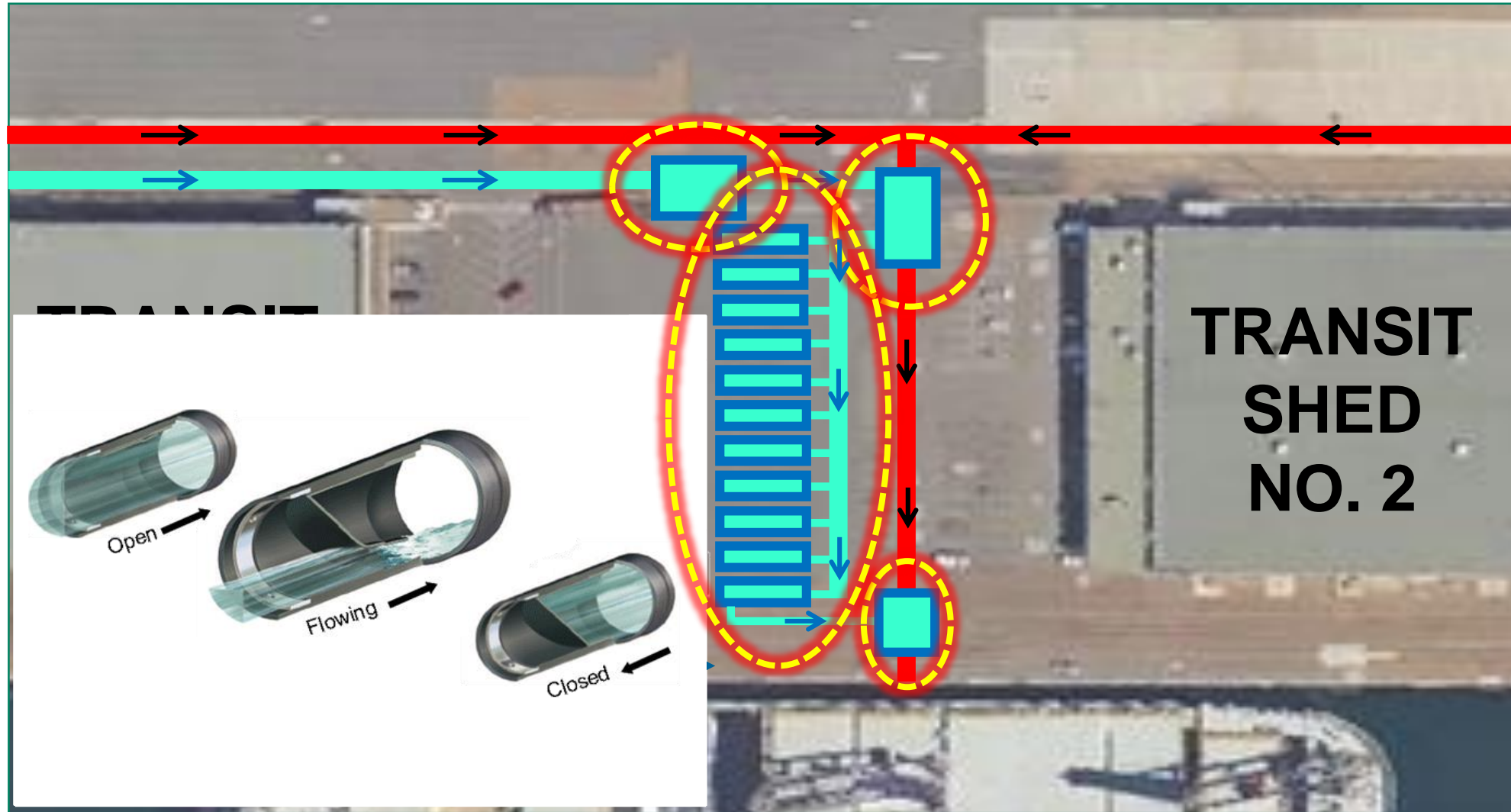
Tenth Avenue Marine Terminal Modernization Plan

Long-Term Market-Driven Redevelopment

- Will create more laydown space
- Will create three distinct cargo nodes
- First phase will remove two cargo sheds
- \$10 Million TIGER grant



TIGER Project – Stormwater BMP Facility



TAMT TIGER Project – Stormwater Improvements

- New BMP facility installed April 2019
- Located between TS1 & TS2 footprints
- Treats approximately 41 acres of TAMT
- Stormwater improvements cost = approx. \$3.2M



TIGER Project - Tenth Avenue Marine Terminal (TAMT)



 = Project Footprint/Obligation Area (approx. 10 acres)

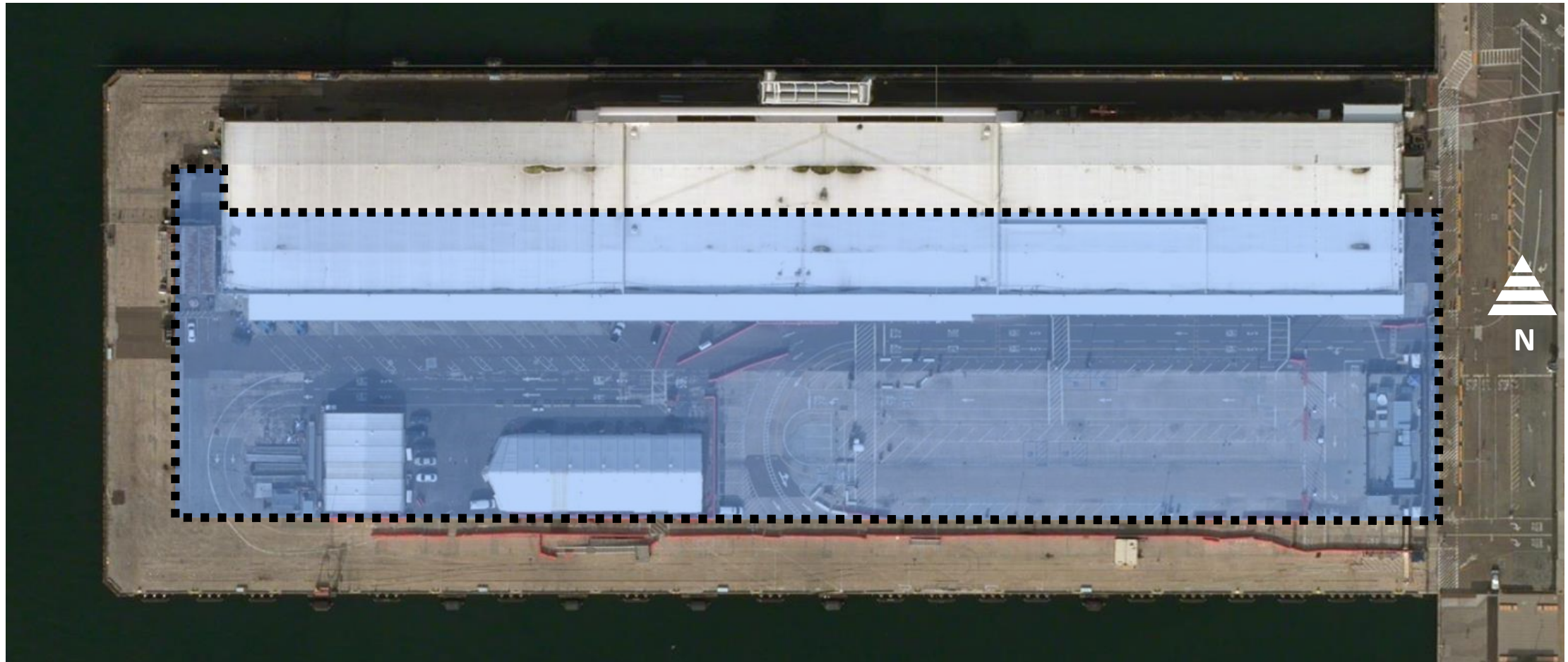
 = Stormwater Treatment Footprint (approx. 41 acres)

Conceptual Study – Additional Bio-Units at TAMT



 = Stormwater Treatment Footprint (approx. 19 acres)





Conceptual Study – Additional Bio-Units at TAMT



 = Stormwater Treatment Footprint (approx. 5 acres)

National City Marina District

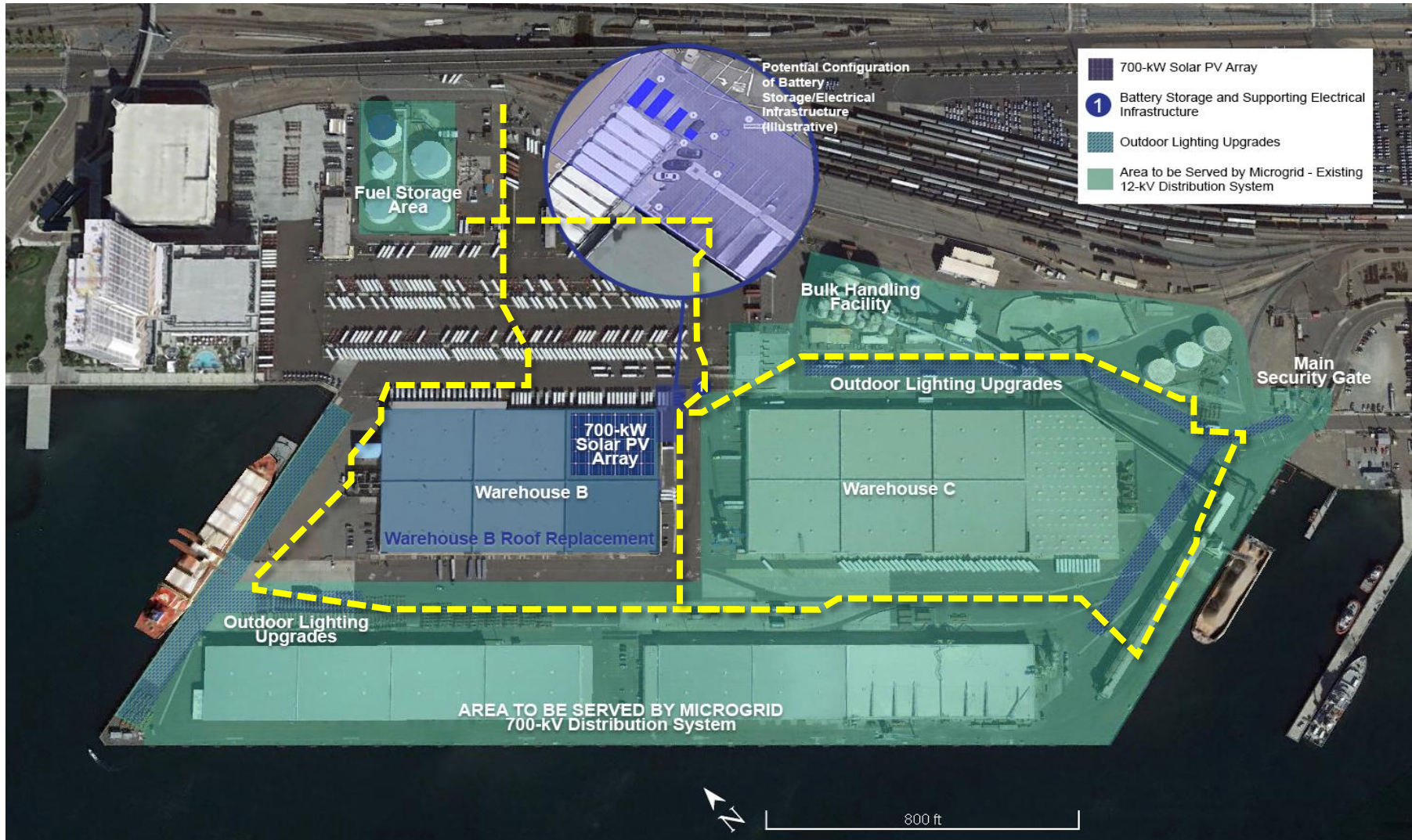
Balanced Land Use Plan & Terminal Optimization

-  Balanced Land Use Plan
-  Terminal Optimization Plan
-  Commercial & Recreational Development
-  Increased Open Space



LEGEND		Railway		Maritime
		Boundary line		Public Access
		New road		Commercial

Microgrid Preliminary Site Plan



858,000 kWh

Reduction

Solar 700 kW

Battery Storage

700 kW / 2,500 kWh

280,000 kWh

Reduction

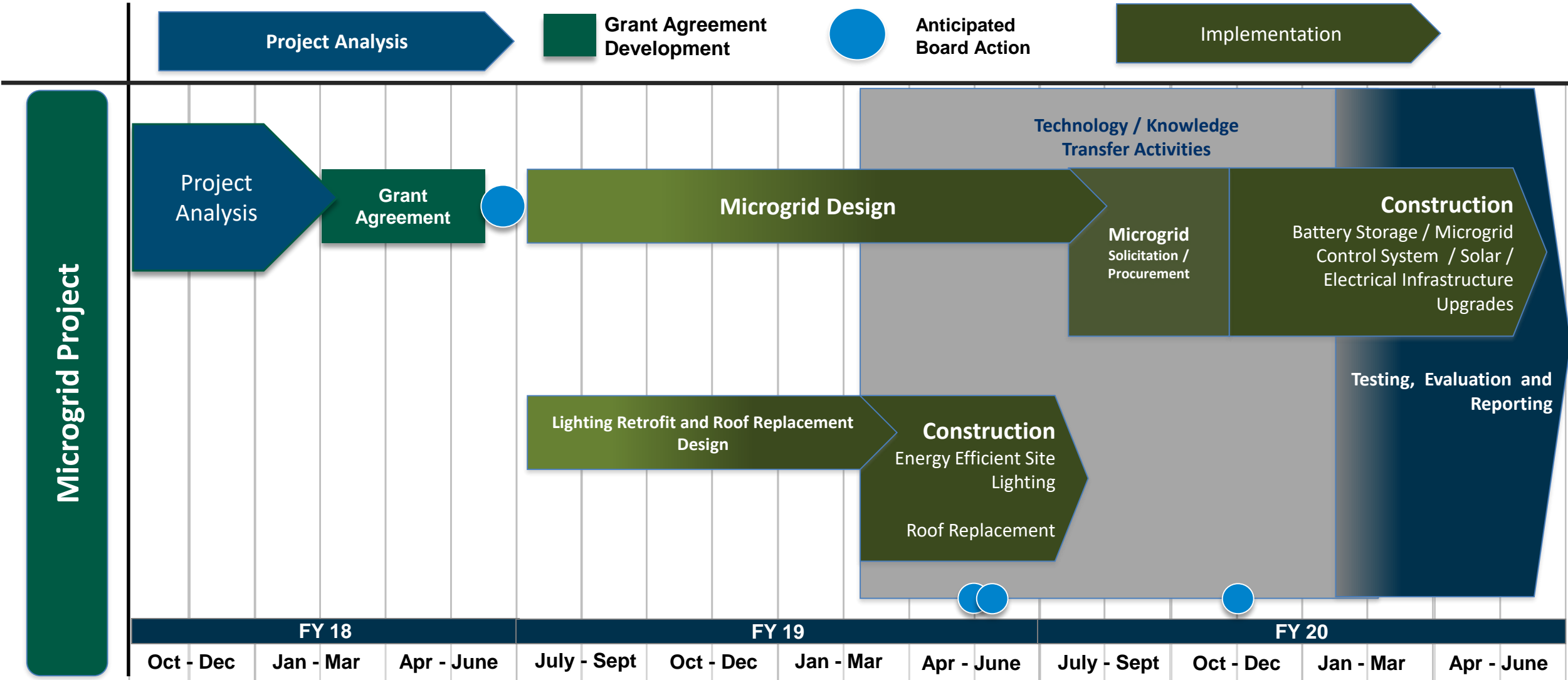
Energy Efficient Site

Lighting Retrofits

Estimated Reduction

360 MTCO₂e

Anticipated Project Schedule



Cruise Overview

A unique land and sea vacation



Broadway Pier & Pavilion

- Cold Ironing Phase 2 at Broadway Pier



B Street Pier

- Fender System Upgrade at North Berth of B Street Pier
- Cold Ironing Phase 2 at B Street Pier
- Curtain Wall Repairs and Backfilling at B Street Pier

Cruise Overview

A unique land and sea vacation



Two Terminals

- B Street Pier
- Broadway Pier & Pavilion



Unique Location

- Embarcadero is in the heart of the city
- Seamless cruise and destination vacation



92 calls and 295,000 passengers expected in 2018-19

B Street Cruise Ship Terminal

- Fender System Upgrade at North Berth of B Street Pier
- Cold Ironing Phase 2 at B Street Pier
- Curtain Wall Repairs and Backfilling at B Street Pier





- Structural Repairs at Tuna Harbor Dock #1, #2 and #3
- Bayside Wayfinding & Signage for Planning Districts of Harbor Island & Imperial Beach

- Pedestrian and Safety Improvements at various locations
- Landscape Improvements along Harbor Drive
- Modifications at HPD Headquarters
- Pavement Improvements at Shelter Island Parking Lot

Coronado Bridge Lighting



Doing Business With The Port

The Port of San Diego is committed to a dynamic and diverse waterfront. From the importing of steel to retail operations, you will find the Port of San Diego eager to assist you with your business needs.

<https://www.portofsandiego.org/about-port-san-diego/doing-business-port>

[Home](#) / [About the Port of San Diego](#) / Doing Business With The Port

Find out how to work with the Port

The Port maintains a list of vendors - interested suppliers, contractors and service providers - for the various goods and services the Port requires. To conduct business with the Port, vendors are required to register and maintain their vendor registration in the [PlanetBids.com Bids Online system](#).

- [Register as a vendor](#)
- [Doing Business With The Port Of San Diego](#)
- [Procurement Ethics Policy](#)
- Procurement Services Department - 619.686.6392



**PORT of
SAN DIEGO**
Environment

Questions?

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All courses approved by CMAA count toward CCM recertification points. For more information on recertification points, please visit

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