

# **Integrated Planning Port Master Plan Update**

**PRESENTATION AND DIRECTION TO STAFF ON THE  
PORT MASTER PLAN UPDATE – DRAFT POLICY  
CONCEPTS REGARDING THE FOLLOWING TOPICS:**

- A) MOBILITY ELEMENT**
- B) ECONOMIC DEVELOPMENT ELEMENT**
- C) RESILIENCY AND SAFETY ELEMENT**
- D) NATURAL RESOURCES ELEMENT**

**Board of Port Commissioners**

**August 8, 2017**

# TODAY'S WORKSHOP:

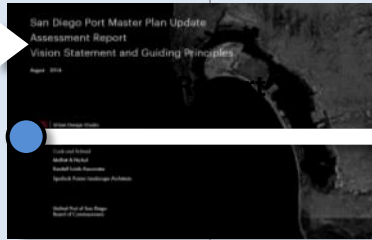
The image shows four overlapping 'REQUEST TO SPEAK' forms from the San Diego Unified Port District. The forms are labeled A, B, C, and D. Form A is yellow, B is green, C is blue, and D is pink. Each form has a header 'SAN DIEGO UNIFIED PORT DISTRICT' and a title 'REQUEST TO SPEAK'. Below the title, it says 'Submit completed form to staff prior to Chair announcing the agenda item.' The forms have fields for 'Non Agenda Public Comment', 'Agenda Item No.', 'Date', 'In Favor', 'In Opposition', and 'Neutral'. There is also a section for 'PERSONAL INFORMATION' with a note: 'The information requested below is voluntary. Any information provided on this form is a public record and subject to disclosure under the California Public Records Act.' The forms are stacked, with A on top, followed by B, C, and D.

- A) **MOBILITY ELEMENT**
  - Staff Presentation
  - Board Clarifying Questions
  - Public Comment
  - Board Discussion
- B) **ECONOMIC DEVELOPMENT ELEMENT**
  - Staff Presentation
  - Board Clarifying Questions
  - Public Comment
  - Board Discussion
- C) **RESILIENCY AND SAFETY ELEMENT**
  - Staff Presentation
  - Board Clarifying Questions
  - Public Comment
  - Board Discussion
- D) **NATURAL RESOURCES ELEMENT**
  - Staff Presentation
  - Board Clarifying Questions
  - Public Comment
  - Board Discussion

## CONCLUSION AND NEXT STEPS

# INTEGRATED PLANNING PROCESS

## Vision Statement and Guiding Principles



## Draft Port Master Plan Update



Goals

Policies

- Mobility
- Economic Development
- Resiliency and Safety
- Natural Resources

Maps

CEQA Environmental Review

Coastal Commission Certification

Public Engagement and Stakeholder Outreach

*We are here*

2013

2014

2015

2016

2017

2018

2019

7/10/2017







**VISION  
STATEMENT  
& GUIDING  
PRINCIPLES**

**FRAMEWORK  
REPORT**

**PMPU  
GOALS**

**PMPU  
POLICY  
CONCEPTS**

**OBJECTIVES**

- **Market Ready**
- **Streamline Permit Process**
- **Certainty with Flexibility**
- **Balance Development with Natural Resources while Enhancing Fiscal Sustainability**

# Port Master Plan Update:

## Document Contents

1. Introduction

2. – 7. Elements

8. Planning Districts 1-10

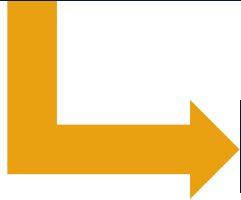
9. Definitions/Glossary

Cross-  
Connecting  
Themes

- 2. Land and Water Use
- 3. Mobility
- 4. Coastal Access & Recreation
- 5. Natural Resources
- 6. Resiliency and Safety
- 7. Economic Development

# Port Master Plan Update: Tiered Baywide Goals & Policies Approach

**Baywide Goals**



**Baywide Policies**



**Planning District Goals  
& Policies**





PROJECTS



POLICIES





# Mobility Element Policy Concepts





# Mobility Element Policy Concepts

## Current State



- Limited Mobility Options



- Limited Service Providers



- Car-Oriented Infrastructure



- Fragmented Access to Information

## Future State



- Options, Options, Options



- Integration of Public and Private Service Providers



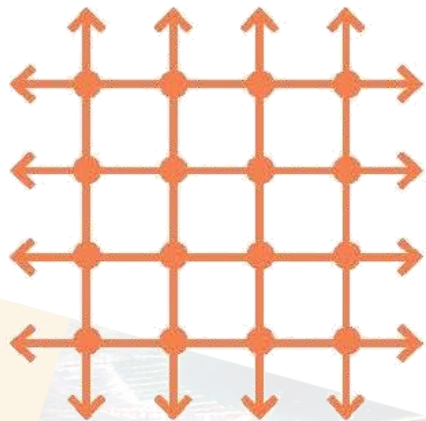
- People-Centric Development



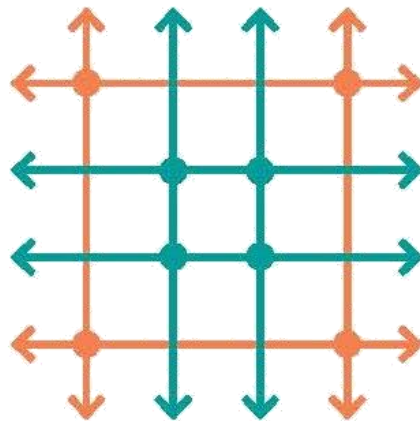
- Data-Driven Connected Tidelands

Source: Centre for Livable Cities, 2016

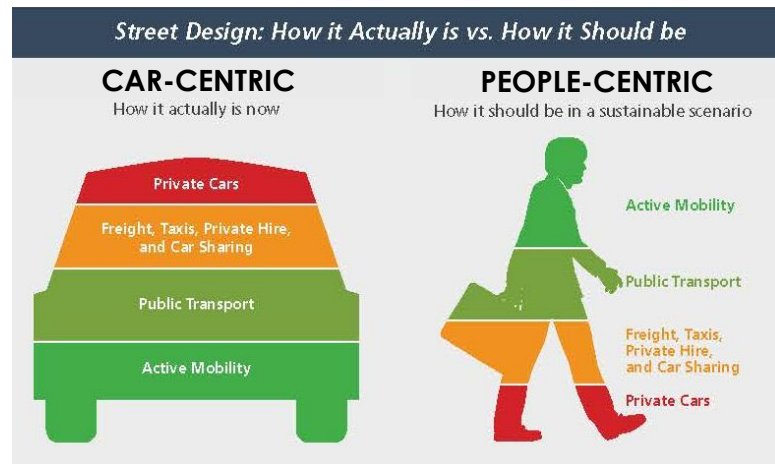
# Mobility Element Policy Concepts



— “vehicle” streets  
— “people” streets



● “vehicle” junctions  
● “people” space



Source: Centre for Livable Cities, 2016



**Maintain, including dredging as necessary, deep water draft depths in navigable corridors to support evolving ship size and berthing demands**



# Foundational Policies: Mobility



Allow for all vessels to safely access and depart from the District Tidelands



**Minimize hazardous conditions and vessel conflicts in San Diego Bay among ships, small craft, and structures**



# Mobility Element Policy Concepts

## Current State



- **Limited Mobility Options**



- Limited Service Providers



- Car-Oriented Infrastructure



- Fragmented Access to Information

## Future State



- **Options, Options, Options**



- Integration of Public and Private Service Providers



- People-Centric Development



- Data-Driven Connected Tidelands

Source: Centre for Livable Cities, 2016





# Mobility Element Policy Concept #1



## **Vision Statement & Guiding Principles:**

“Provide Ease of Mobility on Land and Water”

“Promote Clean Air, Healthy Communities, and Environmental Justice”

## **Framework Report Comprehensive Ideas:**

“Work closely with neighboring jurisdictions to improve multi-modal transportation system”

## **PMPU Mobility Goal:**

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access



# M Policy Concept #1: Expand Publicly Available Mobility Options

## Explore and Expand Opportunities for Public Transit





# M Policy Concept #1: Expand Publicly Available Mobility Options

## Expand Shuttle Services Throughout Tidelands





# M Policy Concept #1: Expand Publicly Available Mobility Options

## Explore and Expand Opportunities for Bicycling





# M Policy Concept #1: Expand Publicly Available Mobility Options

## Integrate Mobility Options to Allow for Pedestrian Opportunities





# Mobility Element Policy Concept #2



## Vision Statement & Guiding Principles:

“Provide Ease of Mobility on Land and Water”

“Promote Clean Air, Healthy Communities, and Environmental Justice”

## Framework Report Comprehensive Ideas:

“Work closely with neighboring jurisdictions to improve multi-modal transportation system”

## PMPU Mobility Goal:

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access



## M Policy Concept #2: Promote Privately-Provided Mobility Options

### Encourage Tourism-Focused Mobility Providers





## M Policy Concept #2: Promote Privately-Provided Mobility Options

### Encourage and Support Baywide Water Operators





# Mobility Element Policy Concept #3



## Vision Statement & Guiding Principles:

“Provide Ease of Mobility on Land and Water”

“Achieve Solidarity Among Partnering Agencies and Shareholders”

## Framework Report Comprehensive Ideas:

“Work closely with neighboring jurisdictions to improve multi-modal transportation system”

## PMPU Mobility Goal:

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access



# M Policy Concept #3: Connect with Neighboring Jurisdiction's Networks

## Extend Streets to the Water

4529. Portion of Business District, San Diego, Cal.



# M Policy Concept #3: Connect with Neighboring Jurisdiction's Networks

## Integrate Bicycle Connections





# M Policy Concept #3: Connect with Neighboring Jurisdiction's Networks

## Integrate with Neighboring Jurissions



# Mobility Element Policy Concepts

## Current State



- Limited Mobility Options



- **Limited Service Providers**



- Car-Oriented Infrastructure



- Fragmented Access to Information

## Future State



- Options, Options, Options



- **Integration of Public and Private Service Providers**



- People-Centric Development



- Data-Driven Connected Tidelands

Source: Centre for Livable Cities, 2016



# Mobility Element Policy Concept #4



## Vision Statement & Guiding Principles:

“Provide Ease of Mobility on Land and Water”

“Promote Clean Air, Healthy Communities, and Environmental Justice”

## Framework Report Comprehensive Ideas:

“Work closely with neighboring jurisdictions to improve multi-modal transportation system”

## PMPU Mobility Goal:

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access



## M Policy Concept #4: Encourage On-Demand Services

### Support Expansion of Local Area Services





# M Policy Concept #4: Encourage On-Demand Services

## Support Non-Motorized Local Area Services





# M Policy Concept #4: Encourage On-Demand Services

## Plan for Transportation Network Companies



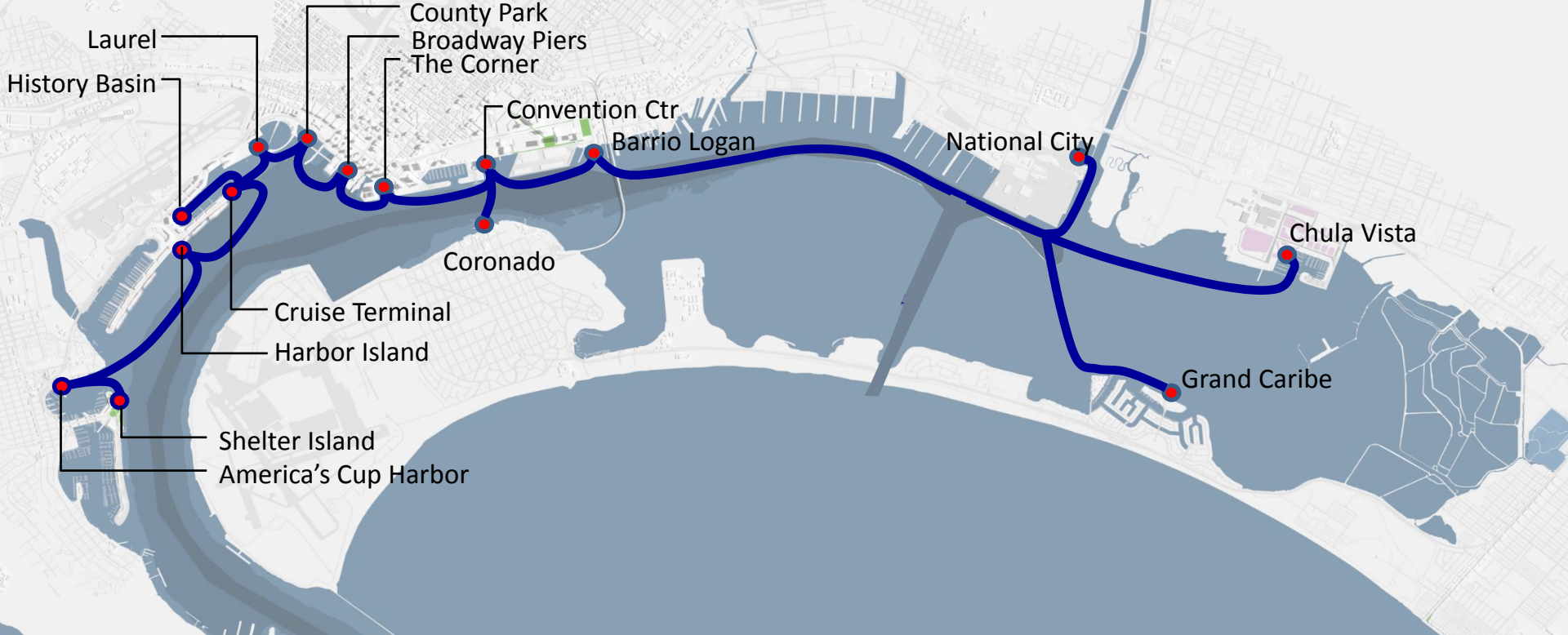
Source: Uber

## M Policy Concept #4: Encourage On-Demand Services

### Allow for Future Change in Mobility Service Providers







## Mobility Element Policy Concept #5

# M Policy Concept #5: Develop a Water Mobility Plan

## Vision Statement & Guiding Principles:

“Provide Ease of Mobility  
on Land and Water”  
“Honor the Water”

## Framework Report Comprehensive Ideas:

“Public Water  
Transportation Plan”

## PMPU Mobility Goal:

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access



# M Policy Concept #5: Develop a Water Mobility Plan

## Provide a Diverse Mix of Water Mobility Options



# M Policy Concept #5: **Develop a Water Mobility Plan**

## **Provide Additional Transfer Areas Between Land and Water**





# Mobility Element Policy Concepts

## Current State



- Limited Mobility Options



- Limited Service Providers



- **Car-Oriented Infrastructure**



- Fragmented Access to Information

## Future State



- Options, Options, Options



- Integration of Public and Private Service Providers



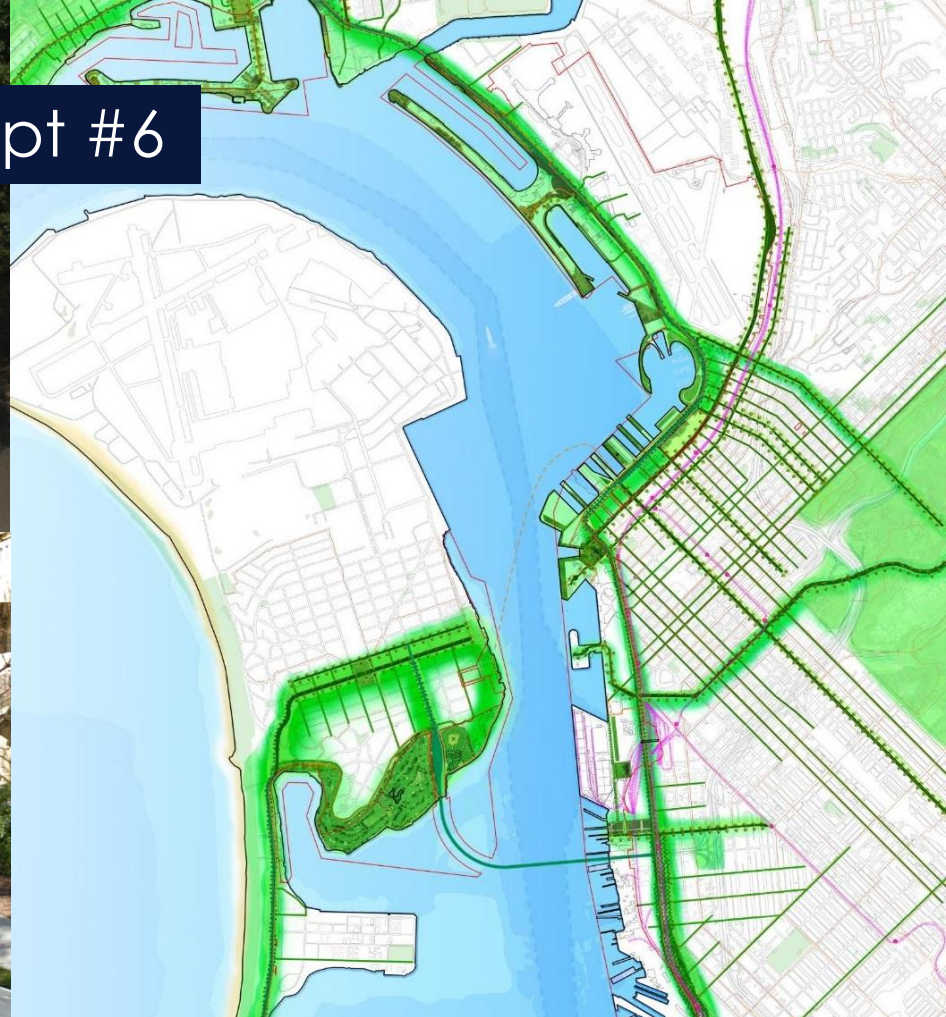
- **People-Centric Development**



- Data-Driven Connected Tidelands

Source: Centre for Livable Cities, 2016

# Mobility Element Policy Concept #6





# M Policy Concept #6: Pursue Strategic Street Calming

## Vision Statement & Guiding Principles:

“Guarantee the Public Realm”

“Provide Ease of Mobility on Land and Water”

## Framework Report Comprehensive Ideas:

“Green Necklace”

“Streets to the Water”

## PMPU Mobility Goal:

Flexible and coordinated mobility, parking, and wayfinding that:

- supports multiple modes of access;
- enables an economically competitive freight transport system;
- aligns fees and revenue with infrastructure investments;
- adapts to market changes and technological advances;
- provides sustainability co-benefits, such as air quality and greenhouse gas emissions reductions; and
- encourages stakeholder investment

# M Policy Concept #6: Pursue Strategic Street Calming

## Implement Pedestrian Safety Measures





# M Policy Concept #6: Pursue Strategic Street Calming Plan and Design Measures with Multiple Co-Benefits



# Mobility Element Policy Concept #7





## **Vision Statement & Guiding Principles:**

“Provide Ease of Mobility on Land and Water”

## **Framework Report Comprehensive Ideas:**

“Provide Adequate Parking and Consideration of Parking Management Strategies”

## **PMPU Mobility Goal:**

Provision and management of vessel berthing and vehicle parking through efficient site planning, strategic partnerships, and technological advances

# M Policy Concept #7: Implement Parking Management Solutions

## Consolidate Parking





# M Policy Concept #7: Implement Parking Management Solutions

## Optimal Placement of Parking



# M Policy Concept #7: Implement Parking Management Solutions

## Intelligent Systems for Parking Optimization

The image displays three screenshots of the ParkMe mobile application interface.

**Left Screenshot (Welcome Screen):** Shows the ParkMe logo (a blue speech bubble with a green arrow) and the text "Welcome to ParkMe". Below this is the text "Let's find you a parking spot." and a large blue button labeled "Get Started". At the bottom, there is a link for "Skip Setup".

**Middle Screenshot (Map View):** Shows a map view of the ParkMe app. The top status bar indicates the time is 12:25. The app header shows the ParkMe logo and a menu icon. The map displays various parking spots with price tags (e.g., \$18, \$14, \$13, \$12, \$15, \$10, \$6, \$12, \$16). A specific spot, "Pershing Square Garage", is highlighted with a green circle and a price tag of \$8. A callout box for this spot indicates "CC Accepted" and "47% Full". The map also shows streets like S Grand Ave, S Olive St, S Hill St, W 5th St, and Lindley Pl, and the Pershing Square Station.

**Right Screenshot (Parking Facility Detail):** Shows the details for "Lot 3 North". The address is "1150 Palisades Beach Rd, Santa Monica, CA 90401, USA". A progress bar indicates "28% Full". Below this, it says "Surface • 460 Total Spaces". The "Rates" section shows "Mon-Fri" at \$12 and "Sun-Sat" at \$12, with "Tax Included". The "Hours of Operation" are "6:30am-7pm". The "Payment Options" are "Bills, Coins, MC/Visa, Amex, Discover". The "Additional Info" section states "Lot Open Sunrise To Sunset Only" and "No Parking From Sunset to Sunrise Daily Except by Permit". The bottom status bar indicates the time is 12:30.



# Mobility Element Policy Concept #8



# M Policy Concept #8: Utilize Mobility Hubs

## Vision Statement & Guiding Principles:

“Provide Ease of Mobility on Land and Water”

“Promote Clean Air, Healthy Communities, and Environmental Justice”

## Framework Report Comprehensive Ideas:

“Enhance Public Access and Connection to the Waterfront”

“Strengthen Connections and Transition Nodes, particularly Transfers from One Mode to Another”

## PMPU Mobility Goal:

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access



# M Policy Concept #8: Utilize Mobility Hubs

## Allow a Variety of Mobility Hub Sizes and Mobility Opportunities



## M Policy Concept #8: Utilize Mobility Hubs

### Integrate with Existing and Planned Circulation Networks





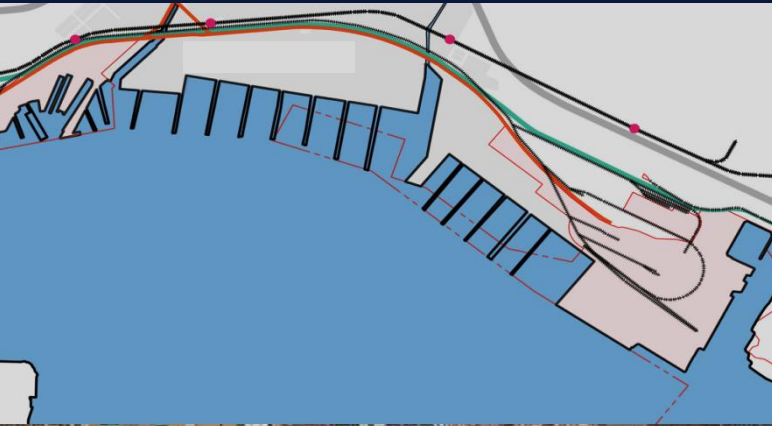
## M Policy Concept #8: Utilize Mobility Hubs

### Promote Sustainable Mobility Opportunities





# Mobility Element Policy Concept #9





## **Vision Statement & Guiding Principles:**

“Provide Ease of Mobility on Land and Water”

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

## **Framework Report Comprehensive Ideas:**

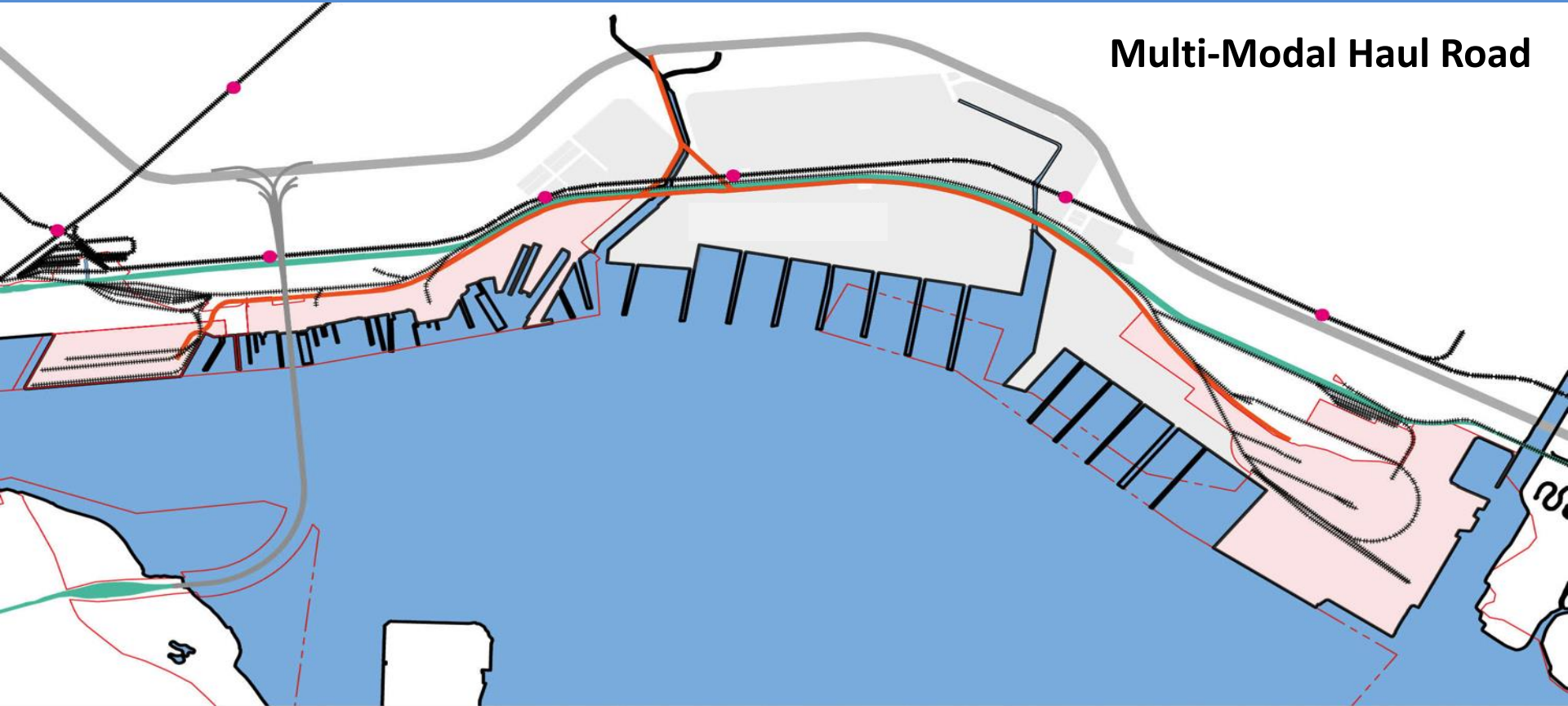
“Investigate the feasibility of a Haul Road parallel to Harbor Drive along the Working Waterfront ”

## **PMPU Mobility Goal:**

A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District

# M Policy Concept #9: Explore Development of Multi-Modal Corridor

## Identify Efficient Routing





# M Policy Concept #9: Explore Development of Multi-Modal Corridor

## Prioritize Safety for All Users



# Mobility Element Policy Concept #10





## **Vision Statement & Guiding Principles:**

“Provide Ease of Mobility on Land and Water”

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

## **Framework Report Comprehensive Ideas:**

“Improve Efficiency of Maritime Commerce”

## **PMPU Mobility Goal:**

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access

# M Policy Concept #10: Implement Sustainable Freight Strategies

## Integrate with Neighboring Jurisdictions





# M Policy Concept #10: Implement Sustainable Freight Strategies

## Implement State-of-the-Art Technologies



# M Policy Concept #10: Implement Sustainable Freight Strategies

## Prioritize Strategies that Result in Multiple Co-Benefits





# Mobility Element Policy Concepts

## Current State



- Limited Mobility Options



- Limited Service Providers



- Car-Oriented Infrastructure



- **Fragmented Access to Information**

## Future State



- Options, Options, Options



- Integration of Public and Private Service Providers



- People-Centric Development



- **Data-Driven Connected Tidelands**

Source: Centre for Livable Cities, 2016

# Mobility Element Policy Concept #11





## **Vision Statement & Guiding Principles:**

“Incorporate State of the Art Sustainability Practices”

## **Framework Report Comprehensive Ideas:**

“Implement energy conservation and sustainability practices”

## **PMPU Mobility Goal:**

Support implementation of technologies and infrastructure to expand safe and efficient access to transportation choices.

# M Policy Concept #11: Incorporate Intelligent Transportation Systems

## Enhance Existing Transportation Demand Management



Source: Wells and Assoc.



# M Policy Concept #11: Incorporate Intelligent Transportation Systems

## Pursue Intelligent Transportation Systems



# M Policy Concept #11: Incorporate Intelligent Transportation Systems

## Provide Flexibility for Future Changes in Technology





# Create the Next Great Waterfront Street

*Toronto Waterfront*



## A) MOBILITY ELEMENT

- Staff Presentation
- Board Clarifying Questions
- Public Comment
- Board Discussion







# Economic Development Policy Concepts





# Economic Development Policy Concepts

## Current State

- Support and Maintain Existing Core Uses

## Future State

- Reinvigorate Core Uses
- Catalyze Emerging Industries

# Economic Development Element Policy Concept #1





## **Vision Statement & Guiding Principles:**

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

## **Framework Report Comprehensive Ideas:**

“Fulfill the District’s Mission to promote commerce, navigation, fisheries, recreation, and environmental stewardship in the Bay”

## **PMPU Economic Development Goal:**

Priority land and water uses that contribute to the generation of commerce that supports the District’s Mobility Element goals and sustained economic strength

# ED Policy Concept #1: Unlock the Value of Tidelands

## Strategically Site Open Spaces





# ED Policy Concept #1: Unlock the Value of Tidelands

## Provide for Density Bonuses





# Economic Development Element Policy Concept #2





### **Vision Statement & Guiding Principles:**

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

### **Framework Report Comprehensive Ideas:**

“Develop shared infrastructure strategies”

### **PMPU Economic Development Goal:**

A financially prudent District that leverages public and private partnerships to invest in infrastructure and facilities strategically aligned with the District’s mission and fiduciary responsibilities

# ED Policy Concept #2: Prioritize Shared Infrastructure Investments

## Maintain Existing, and Invest in, New Infrastructure that Enhances Economic Vitality Throughout the District





# ED Policy Concept #2: Prioritize Shared Infrastructure Investments

## Collaborate with Neighboring Jurisdictions on Shared Infrastructure to Promote Economic Efficiency





# ED Policy Concept #2: Prioritize Shared Infrastructure Investments

## Private Participation in Public Infrastructure





ED Policy Concept #2: Prioritize Shared Infrastructure Investments  
**Pursue Strategic Partnerships with Military and Industry  
in Alignment with Shared Objectives**



# Economic Development Element Policy Concept #3





# ED Policy Concept #3: Support Opportunities to Accommodate Growth in the Maritime Industry

## **Vision Statement & Guiding Principles:**

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

## **Framework Report Comprehensive Ideas:**

“Fulfill the District’s Mission to promote commerce, navigation, fisheries, recreation, and environmental stewardship in the Bay”

## **PMPU Economic Development Goal:**

Thriving, efficient, and modern deep-water marine and cruise terminal operations that optimize the movement of goods and passengers and have local, regional, state, national, and international significance.

# ED Policy Concept #3: Support Opportunities to Accommodate Growth in the Maritime Industry

## Support Land and Water-side Improvements at Marine Terminals





# ED Policy Concept #3: Support Opportunities to Accommodate Growth in the Maritime Industry

## Invest in Terminal Infrastructure that Supports Optimization of Cargo Movement



# ED Policy Concept #3: Support Opportunities to Accommodate Growth in the Maritime Industry

## Strive for a Diverse Cargo Mix for Long-Term Economic Resiliency





# Economic Development Element Policy Concept #4



## **Vision Statement & Guiding Principles:**

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

## **Framework Report Comprehensive Ideas:**

“Fulfill the District’s Mission to promote commerce, navigation, fisheries, recreation, and environmental stewardship in the Bay”

## **PMPU Economic Development Goal:**

A financially sustainable District that invests in and maintains the District’s built and natural assets, public services, and security



## ED Policy Concept #4: Protect and Enhance Fisheries

### Prioritize Improvements that Support Fisheries



## ED Policy Concept #4: Protect and Enhance Fisheries

### Promote the Economic, Commercial, and Recreational Importance of Fishing and Fisheries





## ED Policy Concept #4: Protect and Enhance Fisheries

### Support Increased Activities in Fishing Areas Through Special Events and Complementary Visitor-Serving Opportunities





# Economic Development Element Policy Concept #5





## **Vision Statement & Guiding Principles:**

“Ensure Job Creation, Prudent Economic Policies, and Financial Sustainability”

## **Framework Report Comprehensive Ideas:**

”Support existing and future entrepreneurial opportunities considering a progressive economic and business growth strategy”

## **PMPU Economic Development Goal:**

A vibrant, internationally acclaimed waterfront that strives for excellence and is a destination for domestic and international tourism and recreational activities for the enjoyment of all people.

# ED Policy Concept #5: Encourage Development of Commercial Attractions

## Create a Regional, Statewide, and International Destination





# Economic Development Element Policy Concept #6



## **Vision Statement & Guiding Principles:**

“Honor the Water”

“Ensure Job Creation,  
Prudent Economic  
Policies, and Financial  
Sustainability”

## **Framework Report Comprehensive Ideas:**

“Fulfill the District’s  
Mission to promote  
commerce, navigation,  
fisheries, recreation, and  
environmental stewardship  
in the Bay”

## **PMPU Economic Development Goal:**

A vibrant, internationally acclaimed waterfront that strives for excellence and is a destination for domestic and international tourism and recreational activities for the enjoyment of all people.



## Market Ecotourism Activities to Increase Understanding and Enjoyment of San Diego Bay



# ED Policy Concept #6: Incentive and Activate Ecotourism Activities

## Develop an Environmental Information and Wayfinding Program





## ED Policy Concept #6: Incentive and Activate Ecotourism Activities

**Collaborate with Local and Regional Education Institutions and Non-Profits to Provide Ecotourism Tours and Information**



# Economic Development Element Policy Concept #7

• Reaser slide





## **Vision Statement & Guiding Principles:**

“Ensure Job Creation, Prudent Economic Policies, and Financial Sustainability”

## **Framework Report Comprehensive Ideas:**

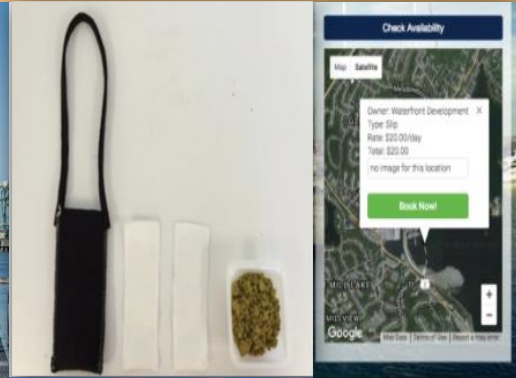
”Support existing and future entrepreneurial opportunities considering a progressive economic and business growth strategy”

## **PMPU Economic Development Goal:**

- A diversified and growing economy that creates jobs and is a home for innovation in existing and emerging water-dependent and water-related industries.

# ED Policy Concept #7: Catalyze Emerging Industries

## Foster the creation, development, and growth of Blue Technology business ventures





## ED Policy Concept #7: Catalyze Emerging Industries

**Support the cultivation and farming of fish, shellfish, algae, and other similar products in a sustainable manner**



## B) ECONOMIC DEVELOPMENT ELEMENT

- Staff Presentation
- Board Clarifying Questions
- Public Comment
- Board Discussion







# Resiliency & Safety Policy Concepts





# Resiliency & Safety Policy Concepts

## Current State

- Project-by-Project Planning

## Future State

- Baywide and District-Level Planning & Coordination

# Foundational Policies: Resiliency and Safety





# Resiliency and Safety Element Policy Concept #1



## **Vision Statement & Guiding Principles:**

“Guarantee the Public Realm”

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

## **Framework Report Comprehensive Ideas:**

“Provide Greatest Level of Protection and Conservation”

## **PMPU Resiliency and Safety Goal:**

Integrated adaptive management intended to maintain Public Trust uses while minimizing risks to life and property in areas of potentially high geologic, flood, and fire hazard



# RS Policy Concept #1: Minimize Impacts from Flooding Events

## Maintain Shoreline Armoring





# RS Policy Concept #1: Minimize Impacts from Flooding Events

## Maintain Function of Critical Facilities





# RS Policy Concept #1: Minimize Impacts from Flooding Events

## Site and Design Development to Protect from Flooding Events





# Resiliency and Safety Element Policy Concept #2





## **Vision Statement & Guiding Principles:**

“Incorporate State of the Art Sustainability Practices”

“Guarantee the Public Realm”

## **Framework Report Comprehensive Ideas:**

“Provide Greatest Level of Protection and Conservation”

## **PMPU Resiliency and Safety Goal:**

Integrated adaptive management intended to maintain Public Trust uses while minimizing risks to life and property in areas of potentially high geologic, flood, and fire hazard

# RS Policy Concept #2: Accommodate Temporary & Occasional Coastal Flooding

## Plan for Flooding Events to Protect Life and Property





# RS Policy Concept #2: Accommodate Temporary & Occasional Coastal Flooding

## Allow for Temporary & Occasional Flooding of Recreation Open Space



# RS Policy Concept #2: Accommodate Temporary & Occasional Coastal Flooding

## Site and Design Public Infrastructure to Withstand Temporary & Occasional Flooding





# Resiliency and Safety Element Policy Concept #3



## **Vision Statement & Guiding Principles:**

“Incorporate State of the Art Sustainability Practices”

“Guarantee the Public Realm”

## **Framework Report Comprehensive Ideas:**

“Provide Greatest Level of Protection and Conservation”

## **PMPU Resiliency and Safety Goal:**

Integrated adaptive management intended to maintain Public Trust uses while minimizing risks to life and property in areas of potentially high geologic, flood, and fire hazard



## RS Policy Concept #3: Plan for Managed Retreat

### Allow for managed retreat at appropriate locations



## RS Policy Concept #3: Plan for Managed Retreat

Site development and natural resource areas with appropriate buffers





# Resiliency and Safety Element Policy Concept #4



## **Vision Statement & Guiding Principles:**

“Guarantee the Public Realm”

“Achieve Solidarity Among Partnering Agencies and Shareholders”

## **Framework Report Comprehensive Ideas:**

“Provide Greatest Level of Protection and Conservation”

## **PMPU Resiliency and Safety Goal:**

Integrated adaptive management intended to maintain Public Trust uses while minimizing risks to life and property in areas of potentially high geologic, flood, and fire hazard



# RS Policy Concept #4: Baywide Sea Level Rise Adaptation Planning

## Perform Vulnerability Assessments



## Coordinate with Neighboring Jurisdictions For Sea Level Rise Adaptation Strategies





## Enable and Encourage Existing and Planned Development to Share Adaptive Solutions and Potential Cost Sharing



## C) RESILIENCY AND SAFETY ELEMENT

- Staff Presentation
- Board Clarifying Questions
- Public Comment
- Board Discussion







# Natural Resources Policy Concepts





# Natural Resources Policy Concepts

## Current State

- Support and Maintain Existing Uses with No Net Loss

## Future State

- Future Net Gain or Benefit



**Maintain existing, and encourage the expansion of, native habitat  
at appropriate sites, where feasible**





**Encourage conservation strategies which are in alignment with ecosystem management, natural resource enhancements, and sustainable uses**



# Foundational Policies: Natural Resources

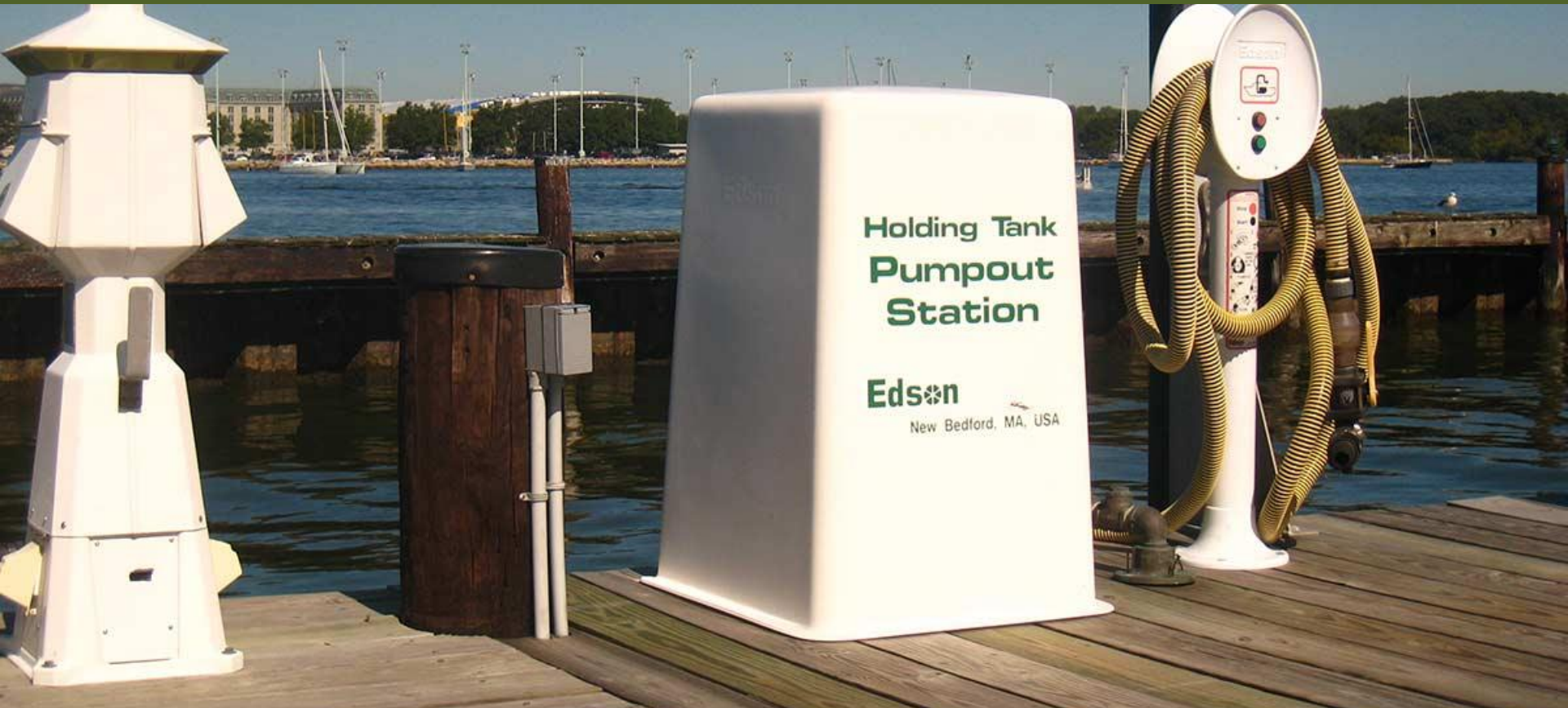


Site and design development to be in balance with conservation and open space to avoid then minimize impacts





**Continue to expand the use of Best Management Practices**



Promote environmental education regarding pollution prevention



# Natural Resource Element Policy Concept #1





## **Vision Statement & Guiding Principles:**

“Honor the Water”

“Celebrate Nature and Ecology”

## **Framework Report Comprehensive Ideas:**

“Provide Greatest Level of Protection and Conservation”

## **PMPU Natural Resources Goal:**

- Sustainable, interconnected, and biologically diverse native habitats within the San Diego Bay ecosystem
- Protected, restored, enhanced, or expanded conservation and habitat areas, which include opportunities for mitigation banking and adaptation to sea level rise



# NR Policy #1 Concept: Explore Mitigation Planning

## Conduct Mitigation Planning to Protect, Conserve, and Enhance Sensitive Marine Habitats





# NR Policy #1 Concept: Explore Mitigation Planning

## Pursue Mitigation Banking to Offset Impacts from Future Development





## D) NATURAL RESOURCES ELEMENT

- Staff Presentation
- Board Clarifying Questions
- Public Comment
- Board Discussion







# Next Steps

# Integrated Planning: Port Master Plan Update

## 2017 Public Engagement Timeline

<b>BPC Meeting: August 8, 2017</b> <ul style="list-style-type: none"><li>• Mobility Element Policy Concepts</li><li>• Natural Resources Element Policy Concepts</li><li>• Resiliency and Safety Element Policy Concepts</li><li>• Economic Development Element Policy Concepts</li></ul>	<b>PUBLIC OPEN HOUSE EVENT</b>  August 10, 2017  6-8pm  Port Administration Building	<b>BPC Meeting: October 10, 2017</b> <ul style="list-style-type: none"><li>• Coastal Access and Recreation Element Policy Concepts</li><li>• Land and Water Use Element Policy Concepts</li></ul>	<b>PUBLIC OPEN HOUSE EVENT</b>	<b>BPC Meeting: November 14, 2017</b> <ul style="list-style-type: none"><li>• Planning District Policy Concepts &amp; Land and Water Use Maps</li></ul>	<b>PUBLIC OPEN HOUSE EVENT</b>	<b>BPC Meeting:</b> <ul style="list-style-type: none"><li>• Present Discussion Draft PMPU and Initiate 30-day Public Review Period</li></ul>	<b>PUBLIC OPEN HOUSE EVENT</b>
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Ongoing Stakeholder and Agency Involvement

8/8/2017



# Integrated Planning: Port Master Plan Update

## Modified 2017 Public Engagement Timeline

**2017**

**Additional Public Engagement  
& Complete Draft PMPU**

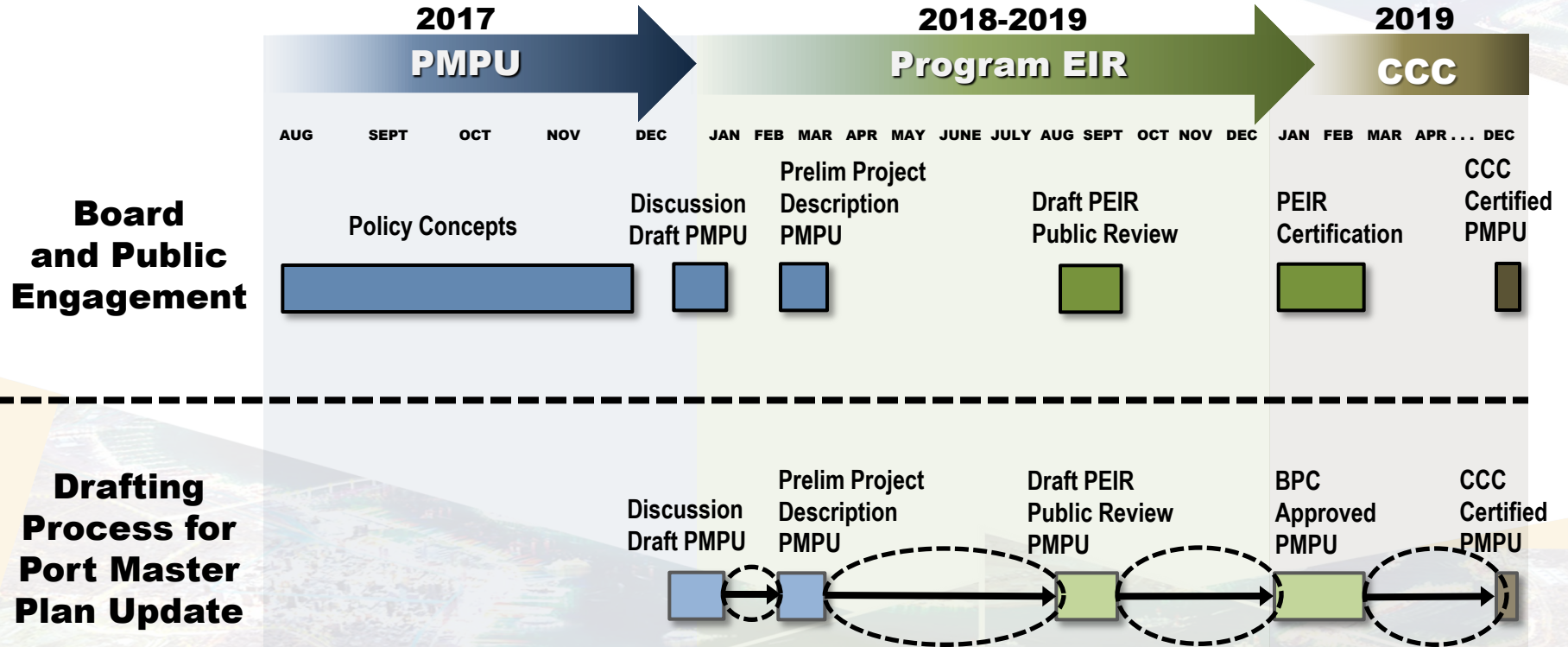
**2018-2019**

**Prepare Environmental  
Impact Report**

**2019**

**Process with  
Coastal Commission**

# Integrated Planning: Port Master Plan Update





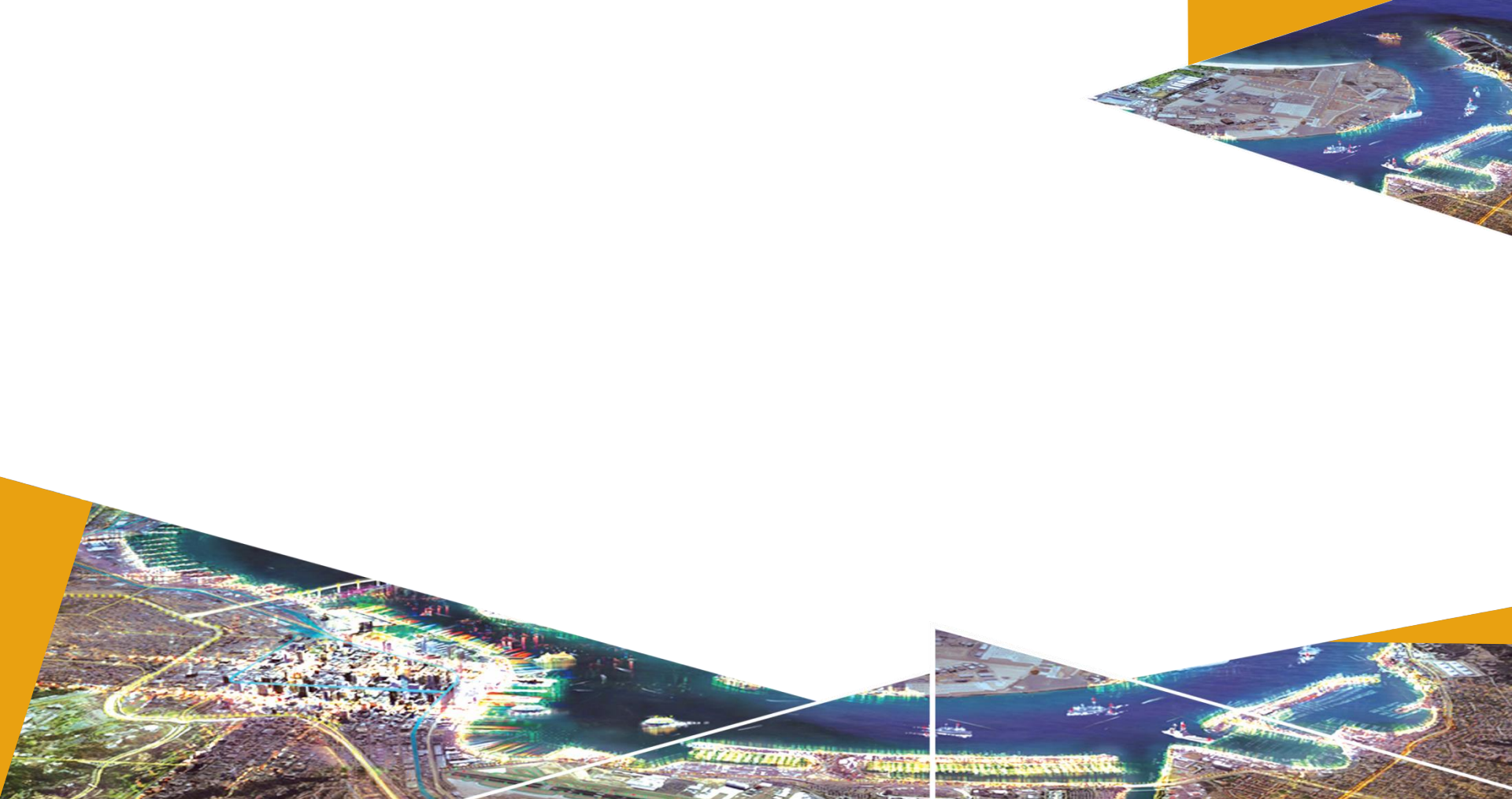
# Integrated Planning Port Master Plan Update

PRESENTATION AND DIRECTION TO STAFF ON THE  
PORT MASTER PLAN UPDATE – DRAFT POLICY  
CONCEPTS REGARDING THE FOLLOWING TOPICS:

- A) MOBILITY ELEMENT
- B) ECONOMIC DEVELOPMENT ELEMENT
- C) RESILIENCY AND SAFETY ELEMENT
- D) NATURAL RESOURCES ELEMENT

Board of Port Commissioners

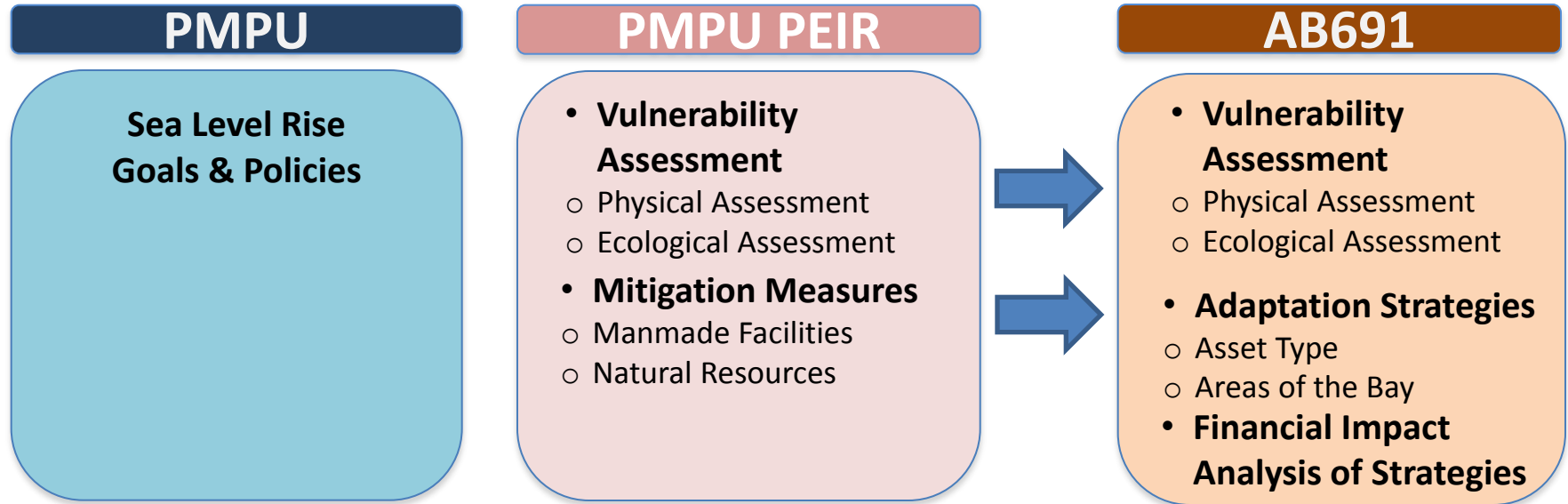
August 8, 2017





# Sea Level Rise Assessment Contents:

## PMPU, PMPU PEIR, & AB691



- **A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District**
- **Flexible and coordinated mobility, parking, and wayfinding that:**
  - supports multiple modes of access;
  - enables an economically competitive freight transport system;
  - aligns fees and revenue with infrastructure investments;
  - adapts to market changes and technological advances;
  - provides sustainability co-benefits, such as air quality and greenhouse gas emissions reductions; and
  - encourages stakeholder investment
- **Provision and management of vessel berthing and vehicle parking through efficient site planning, strategic partnerships, and technological advances**
- **Improved multi-modal connections to the San Diego International Airport and attractions, activity, employment, and commerce centers on District Tidelands**



# ECONOMIC DEVELOPMENT

- A financially sustainable District that invests in and maintains the District's built and natural assets, public services, and security
- Thriving, efficient, and modern deep-water marine and cruise terminal operations that optimize the movement of goods and passengers and have local, regional, state, national, and international significance
- Priority land and water uses that contribute to the generation of commerce that supports the District's Mobility Element goals and sustained economic strength
- A diversified and growing economy that creates jobs and is a home for innovation in existing and emerging water-dependent and water-related industries
- A vibrant, internationally acclaimed waterfront that strives for excellence and is a destination for domestic and international tourism and recreational activities for the enjoyment of all people
- A financially prudent District that leverages public and private partnerships to invest in infrastructure and facilities strategically aligned with the District's mission and fiduciary responsibilities

# RESILIENCY AND SAFETY

- Strong public safety execution, coordination, and communication with applicable local, regional, state and federal jurisdictions
- Integrated adaptive management intended to maintain Public Trust uses while minimizing risks to life and property in areas of potentially high seismic, flood, and fire hazard



# NATURAL RESOURCES

- Sustainable, interconnected, and biologically diverse native habitats within the San Diego Bay ecosystem
- Protected, restored, enhanced, or expanded conservation and habitat areas, which include opportunities for mitigation banking and adaptation to sea level rise
- Development and activities that respect, and are compatible with, conservation and habitat areas
- Healthy waters and ecosystems within the District that are swimmable, fishable, and farmable and optimize beneficial water uses
- Conservation and habitat areas that support and encourage ecotourism and compatible commercial activities