



## Waterfront Plan Update – Resilience Subcommittee Draft Meeting Plan for Subcommittee Discussions

### Background

The Resilience Subcommittee of the Waterfront Plan Working Group will focus on developing two new goals and related policies for the Waterfront Plan Update (WP Update): Resilience and Sustainability. Subcommittee meeting discussions and recommendations will inform the development of new draft goals and policies for the Waterfront Plan, which ultimately will be presented to the full Working Group for their review and comment. The Subcommittee also will provide early guidance to Port staff as it develops a framework for new design guidelines for the Seawall Resilience Project and flood protection and sea level rise adaptations.

**Resilience** – Resilience is a new subject for the Waterfront Plan. New WP policies are needed to guide the Port while more detailed long-range plans are developed as part of the City’s SLR Adaptation Strategy and the Port’s Seawall Resilience Project. Although the timeline for each of these longer term resilience projects extends beyond the WP Update process, the discussions and recommendations from the Resilience Subcommittee and the WP Working Group should provide direction about environmental, urban design, historic preservation, economic and sustainability values that should be reflected in the Waterfront Plan to help guide them. The new Resilience goal and policies should align with the Port’s Strategic Plan Resiliency Goal - “Lead the City’s efforts in addressing threats from earthquakes and flood risks through research and infrastructure improvements to the Seawall and Port property” – and the resiliency objectives that follow. New policies also should address emergency preparedness and disaster recovery; collaborations required for successful resilience planning; and design principles for resilience projects, among other new topics.

**Environmental Sustainability** – The Resiliency Subcommittee also will consider and discuss a new Environmental Sustainability goal and related policies. Since adoption of the 1997 Waterfront Plan, the Port has created an Environmental Coordinating Committee (ECC), an interdisciplinary Port staff team that implements a wide array of sustainability initiatives that are recognized in the Strategic Plan and summarized in a background report prepared for the Waterfront Plan Update public process. (Note: Report will be available at the 10.26.16 Working Group Meeting). Like for Resilience, the Strategic Plan includes goals and policy statements that will help inform Waterfront Plan policy language about sustainability.

## **Relevant Guiding Principles for Resilience Committee Work**

Excerpts from the Draft Guiding Principles that most apply to the work of the Resilience Committee.\*

- 1. The Waterfront Plan Update should guide the Port while long-range adaptation planning, engineering, and financing studies to respond to sea level rise and strengthen the Seawall are undertaken by the Port, along with the appropriate City, State, Regional and other authorities.**
  - City and regional studies required for the Port to successfully adapt to long-term sea level rise (SLR) and repair the historic Seawall will extend beyond the timeframe for the Waterfront Plan Update process. Part 2 discussions should therefore focus on defining the public values, design criteria and/or other policy guidance that will underlie and support these longer term resiliency planning efforts, without prescribing specific solutions. The Waterfront Plan Update should include a new “Resilience” goal and related policies to guide the Port in these resilience planning processes. The Waterfront Plan Update should also address measures to deal with interim flood protection during the time that long range adaptation and improvements are being developed. Resilience goal and policy statements also should recognize the Port’s need to prioritize Seawall seismic improvements, including implementation of the first phase of these improvements within 10 years.
- 2. The Waterfront Plan Update also should highlight the need for and make recommendations to guide a Plan of Finance to improve waterfront resilience.**
  - Waterfront resilience needs and adaptation strategies have become and must remain a primary consideration in waterfront improvement and investment decisions. Clear Waterfront Plan policy guidance provided in an updated WLUP should assist the Port and the City in developing inter-governmental and regional collaborations required for resilience projects, to identify and secure financial assistance from federal, state and local public and private funding sources.
- 3. From Transportation GP # 7**
  - City sea level rise planning and Port efforts to strengthen the Seawall have important transportation implications that should be addressed in Working Group recommendations; these improvements will be needed to protect transportation access and utilities along The Embarcadero, and subway tunnel access to Muni and BART.

\*Subject to revision at the 10.26.16 Working Group Meeting

## Staffing and Resource Experts for Resilience Subcommittee

**Lead Waterfront Land Use Plan Staff:** Anne Cook & Carol Bach

**Additional Port staff:** WLUP Team (including Brad Benson, Dan Hodapp and Mark Paez), Steven Reel, Sidonie Sansom, Mark Lozovoy, Jay Edwards, Rich Berman, Shannon Alford, etc.

### Subcommittee Members:

Dilip Trivedi - Chair  
Grant Ballard  
Mike Buhler (alt: Aaron Hyland)  
Pia Hinkle  
Earl James  
Jacquelyn Omotalade  
Peter Summerville  
John Tobias

### Agency resources include:

BCDC - Lindy Lowe  
SF Planning - Diana Sokolove  
Office of Resiliency and Recovery - Patrick Ottelini  
SF Department of the Environment - Mark Palmer  
National Trust for Historic Preservation - Anthony Veerkamp  
US Army Corps of Engineers - Tom Kendall  
SF Department of Emergency Management - Anne Kronenberg (or rep)  
San Francisco Bay Area Water Emergency Transportation Authority – Kevin Connolly  
SFPUC -  
Water Quality Control Board – Dale Boyer

### Key Advisory Teams:

#### **Resilience**

Max Loewenstein  
Keith Primdahl  
Teresa Rea  
Justin Semion  
Bill Tremayne

#### **Waterfront Urban Design**

Claire Bonham-Carter  
Steaven Campbell  
Charles Chase  
Patricia Fonseca  
Melissa Jones  
Ellen Lou  
Adam Mayer  
Cass Smith  
Richard Tsai  
Howard Wong  
Urban Works Agency

**Proposed Meeting 1 – November 2, 2016**  
**Overview of Subcommittee Meeting Plan**  
**Environmental Sustainability**

**Draft Agenda**

**1. Meeting Goals**

- a. Ensure Subcommittee members agree with Subcommittee Meeting Plan discussed at 10.26.16 Meeting
- b. Identify issues that should be addressed in new Waterfront Plan Environmental Sustainability goal/policies

**2. Review and comment on Resilience Subcommittee Meeting Plan**

- a. Review refined version of the Meeting Plan (introduced at 10.26.16 Working Group Meeting)
- b. Review Guiding Principles that pertain to the Subcommittee

**3. What to address in new Environmental Sustainability Goal and Policies**

- a. Overview of Environmental Sustainability at the Port (Carol Bach)
- b. Review Draft Outline of Sustainability goal/policy topics, provided at 10.26.16 meeting  
Discussion Questions include:
  - i. *What topics should be included in a new Environmental Sustainability goal and related policies for the Waterfront Plan (WP)?*
  - ii. *Are there policy topics not currently addressed in the Port's Climate Action Plan, Stormwater Management Requirements, or other environmental plans/programs that should be included in the WP?*
  - iii. *Are there additional policy topics that should be considered to align with city/regional sustainability plans and programs?*
  - iv. *What examples should be considered from waterfront plans from other City's?*
  - v. *How might policies differ for the northern vs. the southern waterfront, or for distinct subareas?*
  - vi. *How/where can the Port advance habitat enhancement and stewardship?*
  - vii. *What environmental challenges and opportunities are presented by SLR adaptation planning and the seawall resilience projects?*
  - viii. *What further work can the Port do to promote clean transportation?*
  - ix. *What financial needs and implications should be considered?*

**4. Next Meeting Agenda and Goals**

**Meeting Products**

- 1. Consensus on draft outline of topics for Environmental Sustainability goal and policies
- 2. Policy suggestions to guide staff draft as they draft Environmental Sustainability goal and policies

## **Meetings 2 and 3– November 30, 2016 and January 18, 2017 Planning for Resilience**

### **Draft Agenda**

**(Note: Agenda # 1-4 could be on November 30<sup>th</sup> and Agenda # 5-7 could be on January 18<sup>th</sup>; subject to further coordination with Seawall Resilience Project Team)**

#### **1. Meeting Goals**

- a. Identify issues that should be addressed in new Waterfront Plan Resilience Goal and Policies
- b. Specifically discuss policy options for flood protection, the Seawall Resilience Project, SLR adaptations for the southern waterfront, collaborations required for resilience planning, and emergency preparedness and disaster recovery

#### **2. What to address in new Resilience Goal and Policies**

Review Draft Outline of Resilience goal/policy topics

#### **3. Flood Protection**

Discuss Port staff and consultant efforts to develop interim flood protection strategies for the Port's historic finger piers and recommend additional tools and considerations

#### **4. Northern Waterfront - Seawall Resilience Project**

Discuss criteria for prioritizing seismic strengthening and flood protection improvements

#### **5. Southern Waterfront**

Review SLR adaptation projects planned/underway (Mission Rock, Pier 70) and discuss applications of these projects and new ideas for other priority locations

#### **6. Collaborations Required for Successful Resilience Planning**

Discuss inter-governmental and regional collaborations required for successful funding and implementation of resilience projects

#### **7. Emergency Preparedness/Disaster Recovery**

Discuss site, berths, and other land use needs and considerations for disaster response and recovery operations

#### **8. Next Meeting Agenda and Goals**

### **Meeting Products**

1. Consensus on draft outline for Resilience goal and policies
2. Policy suggestions to guide staff as they draft Resilience goal and policies

**Meeting 4 – February 8, 2017**  
**Designing for Resilience**

Note: Opportunity for a Joint Meeting with the Land Use Subcommittee

**Draft Agenda**

**1. Meeting Goals**

- a. Consider Waterfront Plan Design principles to guide SLR adaptations and Seawall Resiliency projects

**2. What to address in new design policies and principles for SLR and Seawall Resilience Projects?**

Review draft outline of new design policy topics (sent beforehand)

**3. Northern Waterfront – The Embarcadero Historic District**

Consider design principles to ensure protection/integrity of the Historic District during the Seawall Resilience Project

**4. Flood protection and SLR design guidance for variety of shoreline conditions south of China Basin**

**5. SLR adaptation strategies for Port Open Space and Public Access**

**6. Next Meeting Agenda and Goals**

**Meeting Products**

- 1. Consensus on draft outline of new design policies and principles
- 2. Policy suggestions to guide staff as they draft design policies and principles guidelines

**Meeting 5?**

**Review Draft Resiliency and Environmental Sustainability Goals and Policies and Draft Design Policies and Principles for Resilience Projects**

**Draft Agenda/Questions**

- 1. Meeting Goals
- 2.
- 3. Next Meeting Agenda and Goals

**Meeting Products**

- 1. Draft Resiliency Goals and Policies for review by the full Working Group
- 2. Draft Environmental Sustainability Goals and Policies for review by the full Working Group
- 3. Draft Design Policies and Principles for SLR/Seawall Resilience Projects