



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 30th and Agenda # 5-7 could be on January 18th; 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