



**Meeting of the Port Northern Advisory Committee (NAC)
November 18, 2020 (5:30 to 7:30 pm)
Virtual Public Meeting via Zoom**

Meeting Notes

NAC Attendees

Katy Liddell, (Co-Chair), South Beach/Rincon/Mission Bay Neighborhood Association
Jane Connors (Co-Chair), Ferry Building, Hudson Pacific Partners
Stewart Morton, San Francisco Heritage
Mahesh Katwani, Alternate for Ritika Puri
Bob Harrer, Barbary Coast Neighborhood Association
Ted Choi, City Kayak, Pier 40
Bruno Kanter, North Beach Neighbors
Carol Parlette, Golden Gateway Commons Resident
Shani Krevsky, Exploratorium
Bob Iwersen, The Gateway Resident
Alec Bash, Alternate for Bob Iwersen

NAC Members Absent

Marc Dragun, President, Brannan Homeowners Association
Ritika Puri, Watermark Homeowners Association
Flicka McGurrin, Pier 23 Café
Pam Perez, Metro Events
Kelsey Bauer, Alternate for Pam Perez
Diana Taylor, Alternate for Bob Harrer

Port Staff

David Beaupre, Real Estate and Development, NAC Coordinator
Patrick Foster, Planning and Environment, NAC Coordinator
Don Kavanagh, Real Estate and Development, NAC Coordinator
Bradford Benson, Port of San Francisco

Audience

Alice Rogers
Simon Snellgrove
Mark Hornberger
Richard Harrington
Paul Liao
Amy Benedicty

1. Announcements and Introductions

Patrick Foster started off the meeting by providing a round of Zoom instructions, including muting, turning on video, participant identification and affiliation, process to ask questions and provide comments (raise your “hand”), and participating in chat.

Participants were reminded to introduce themselves before speaking.

David Beaupre, Patrick Foster, and Don Kavanagh of the Port are available to answer questions or address comments.

Next meeting scheduled for January 20, 2021.

It was noted this is inauguration day; the ceremony is earlier in the day and will not likely conflict with the NAC Committee meeting.

2. Approval of September 16, 2020 Draft Meeting Notes

Both Katy Liddell and Jane Connors were happy with the NAC Meeting Notes from the September 16, 2020 meeting and no changes were recommended.

3. Waterfront Resilience Program

Presented by: *Brad Benson*, Port of San Francisco

Overview

The Waterfront Resilience Program was developed to reduce seismic and climate change risk along sections of the bay waterfront. The Port Commission will be asked to endorse the goals of the program in December 2020. Addressing equity is included in the goals of the program.

There were a range of alternatives to review:

- Developing Priorities
- Focus on discrete components of the waterfront
- Obtain entitlements
- Physical start of work 2024 (potential)

A key component of the Waterfront Resilience Program was the Port’s completion of the Multi-Hazard Risk Assessment (“MHRA”). The MHRA assessed a range of hazards and sea level rise (2’-3’) scenarios and conducted geotechnical investigations to better understand soil conditions. The investigation found several areas of localized geotechnical risk including lateral spreading and liquefaction due to young bay mud, engineered fill, and sands.

Areas of for focused management include:

- South of the Bay Bridge
- Ferry Building (seismic risk)

- Bulkhead Wharfs – North of the Ferry Building
- Embarcadero roadway
- Fisherman’s Wharf

General physical solutions, depending on location, include the below construct subsurface buttresses to constrain nearshore submerged landslides:

- Drill and place large shafts
- Create “super” bulkhead wharf structures
- General bulkhead retrofits
- Mitigate liquefaction potential
- Other to be developed approaches

A comprehensive flood study (the federal government is estimated to pay for 65% of the cost) will be conducted to allow projects to be refined and to narrow construction alternatives. Some of the alternatives may require congressional funding.

Creeks and adjacent areas can be protected by non-structural measures, ecological enhancements, and adaptation zones among other approaches.

Completing risk reduction measures will require integrated seismic/flood measures, interagency cooperation, and careful consideration of construction components to contain localized disruption.

Questions/Comments

- 1) When will heavy construction take place [as currently estimated]?
 - a) The target commencement year is 2024, but work will start on smaller less impactful projects sooner.
- 2) Two comments regarding the 3rd Street Bridge (Lefty O’Doul Bridge):
 - a) The bridge is affected by high tides. How will sea level rise be addressed?
 - i) DPW just made a big investment in the bridge but did not include sea level rise projects. Further solutions to be developed.
 - b) The bridge is between the ballpark and Mission Bay construction. Are the developers having any issues?
 - i) The Giants have been engaged and are doing strong work in the Mission Bay site. They have been looking for cooperative arrangements and have been a good partner to address city projects.

4. Adjourn

The meeting was adjourned at 6:24 PM.