

**SPECIAL MEETING
COMMITTEE TO PROTECT BELVEDERE’S SEAWALLS,
LEVEES, AND UTILITIES
THURSDAY, JANUARY 30, 2:00 P.M.
BELVEDERE CITY HALL – COUNCIL CHAMBERS
450 SAN RAFAEL AVENUE
BELVEDERE, CALIFORNIA**

AGENDA

OPEN FORUM

This is an opportunity for any citizen to briefly address the Committee to Protect Belvedere’s Seawalls, Levees, and Utilities on any matter that does not appear on this agenda. Upon being recognized by the Chair, please state your name, address, and limit your oral statement to no more than three minutes. Matters that appear to warrant a more lengthy presentation or Committee consideration may be agendized for further discussion at a later meeting.

SCHEDULED ITEMS

1. Approve minutes of the June 6, 2019, meeting.
2. Update on design concepts for shoreline protection.

ADJOURN

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**COMMITTEE TO PROTECT BELVEDERE'S
SEAWALLS, LEVEES, AND UTILITIES
MONDAY, JUNE 6, 2019, 1:00 P.M.
BELVEDERE CITY HALL - COUNCIL CHAMBERS
450 SAN RAFAEL AVENUE
BELVEDERE, CALIFORNIA**

MINUTES

COMMITTEE PRESENT: Denise Bauer, Glenn Isaacson, Ken Johnson, Nancy Kemnitzer, Bob McCaskill, William Rothman, Larry Wheat, Sally Wilkinson, and Chair Jim Lynch

COMMITTEE ABSENT: Andrew Allen and Justin Faggioli

OTHERS PRESENT: City Clerk Alison Foulis, City Manager Craig Middleton, Stetson Engineer James Reilly, Miller Pacific Engineer Scott Stephens, and Public Works Manager Robert Zadnik

CALL TO ORDER OF REGULAR MEETING

The meeting was called to order at 1:11 PM by Chair Lynch.

OPEN FORUM

No one wished to speak.

SCHEDULED ITEMS

1. Approve minutes of the June 3, 2019, meeting.

The minutes were approved as presented.

2. Continued discussion and review of various proposed approaches and design alternatives developed to protect the City from flooding and sea level rise and selection a combination of protection measures for recommendation to the City Council.

The Committee continued their discussion of the various design alternatives for the City's flood pathways at Beach Road and the Tiburon barrier. The Committee asked questions about

sheetpiling along Beach Road and the importance of sheetpiling Beach Road whether the larger project is ever built. Stetson Engineer James Reilly discussed the Tiburon barrier and the instances when flooding from Tiburon would cause issues for Belvedere.

Chair Lynch discussed the proposal to continue the San Rafael Avenue seawall behind the first few homes along West Shore Road and stated that his preliminary review of the area made this appear to be the best option. Stetson Engineer Reilly discussed the feasibility of this proposed alternative.

Chair Lynch called for public comment.

Thomas Cromwell discussed the Citizens' Flood Zone Committee's prior research of West Shore Road and BCDC's potential review of a seawall structure behind the homes on West Shore Road.

Seeing no one else wishing to comment, Chair Lynch closed the public forum and the Committee adjourned for a break at 2:07 PM. At 2:21 PM the meeting was reconvened in the Council Chambers.

3. Wrap up and review of Committee's progress and recommendation.

Chair Lynch asked the Committee whether they viewed overtopping as a great enough threat to continue this project on to the next stage of design exploration. The Committee discussed the question and no one disagreed with Chair Lynch's statement.

Chair Lynch then asked the Committee whether the seismic risk to utilities buried in the San Rafael Avenue and Beach Road levees were great enough to warrant further investigation and no one on from the Committee disagreed.

The Committee discussed the design alternatives proposed for the four flood pathways in the City and determined that they would recommend the following to the City Council:

1. San Rafael Avenue – Sheetpiling used as a footing for a seawall on the waterside of the path (Alternative 2). If sheetpiling was not feasible to be placed directly underneath the seawall, the Committee still recommended installing sheetpiling where possible.
2. West Shore Road – Bayside wall continuing from the San Rafael Avenue seawall behind the first 6-7 homes along West Shore Road (Alternative 4). The Committee felt that the San Rafael Avenue and West Shore Road projects were uniquely linked and one should not be done without the other.
3. Beach Road – Seawall down the median of Beach Road with sheetpiling along the waterside of the street. The Committee felt that sheetpiling in this area was a critical priority independent of Sea Level Rise and should be addressed. The Committee also recommended a continuous wall along the waterside of Beach Road with no holes.
4. Tiburon Barrier – Council should select representatives to meet with the Tiburon Town Council and share the research and information collected by Stetson Engineers to come to an agreed upon solution.

Other suggestions shared by the Committee for Council consideration included maintaining the importance of social infrastructure in further developing the proposed structures and giving thought to building fire water storage within Belvedere city limits.

Chair Lynch thanked the Committee for their time and thoughts over the past four meetings and stated that he would share the Committee's findings with the City Council at their next meeting.

ADJOURN

The Committee meeting was adjourned at 3:15 PM.

APPROVED: _____
Jim Lynch, Chair

ATTEST: _____
Alison Foulis, City Clerk