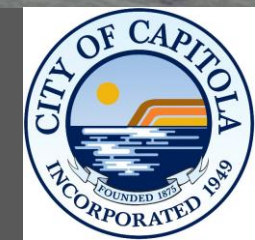




# CLIFF DRIVE RESILIENCY PLANNING

February 27, 2024



# Tonight's Agenda

6:05 PM - Welcome

6:10 PM - Project Background

6:30 PM – Group Activity

7:00 PM – Reporting Back

7:30 PM - Closing Remarks

QR Code



# Cliff Drive Study Area



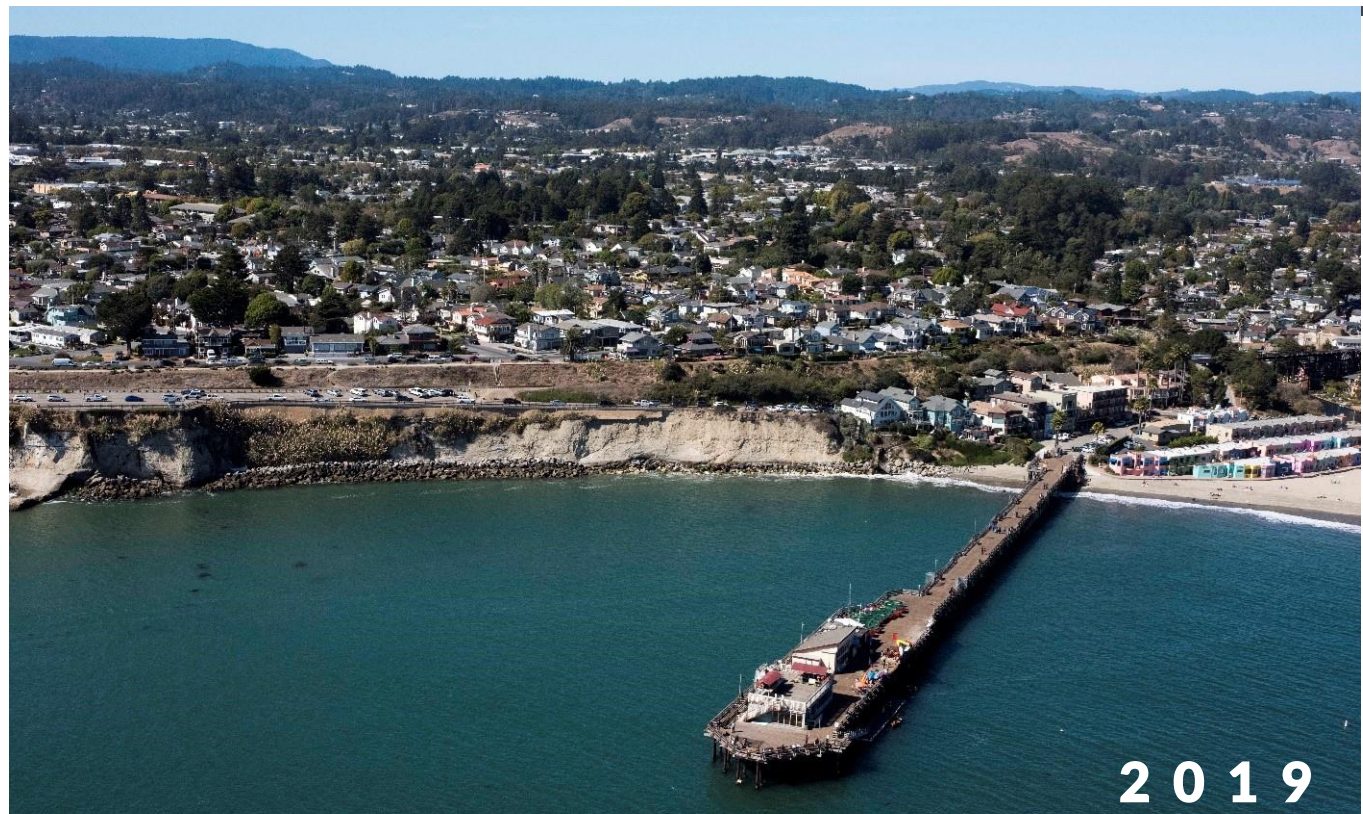
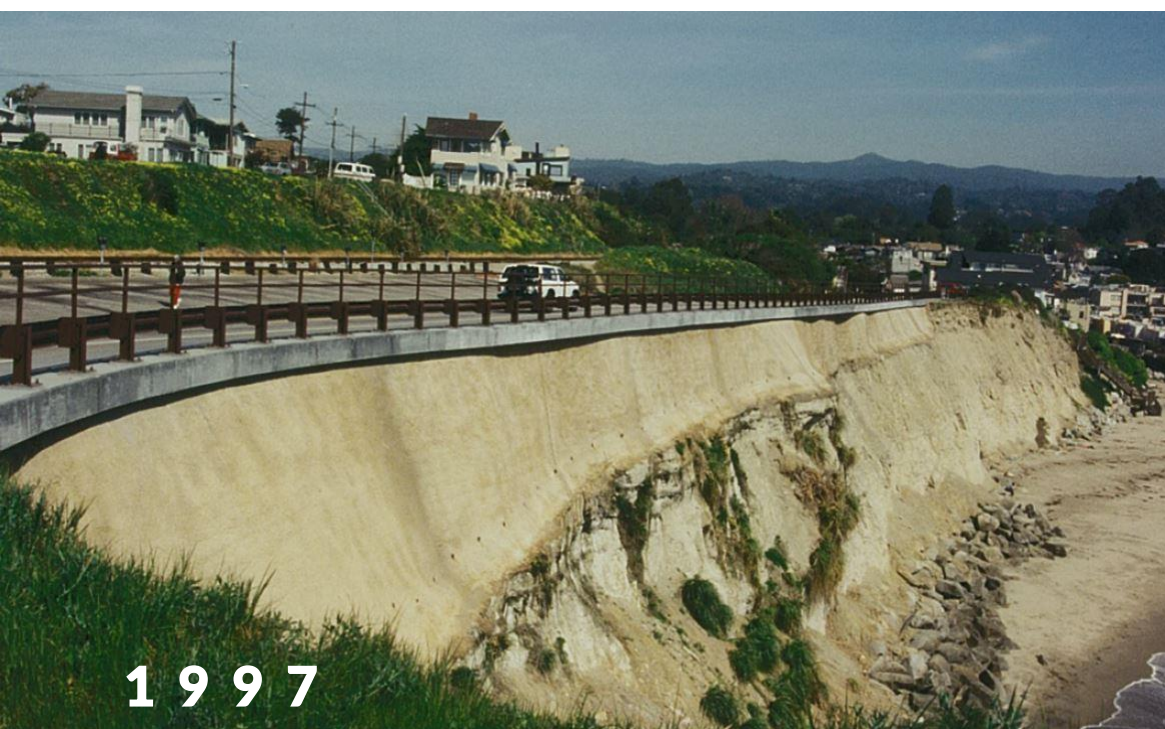
# Intersecting Considerations



# Intersecting Considerations



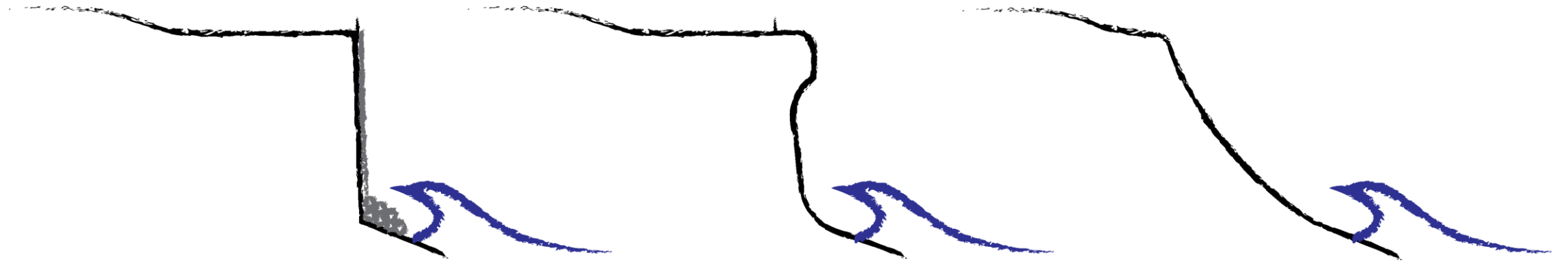
# Background



# Risks



# Cliff Drive Resiliency



Protect

Adapt

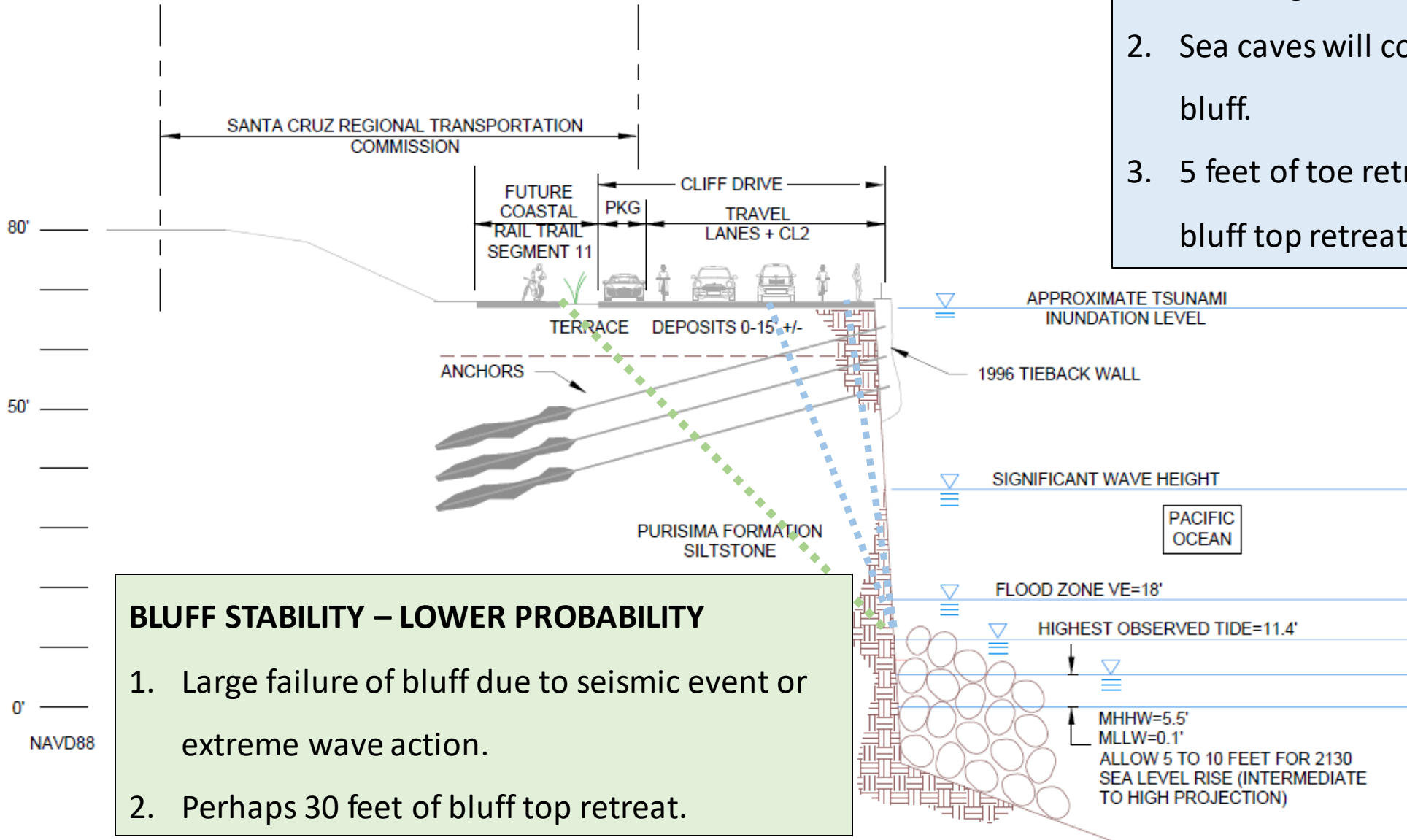
Retreat



# Retreat / Do Nothing

## COASTAL EROSION – HIGH PROBABILITY

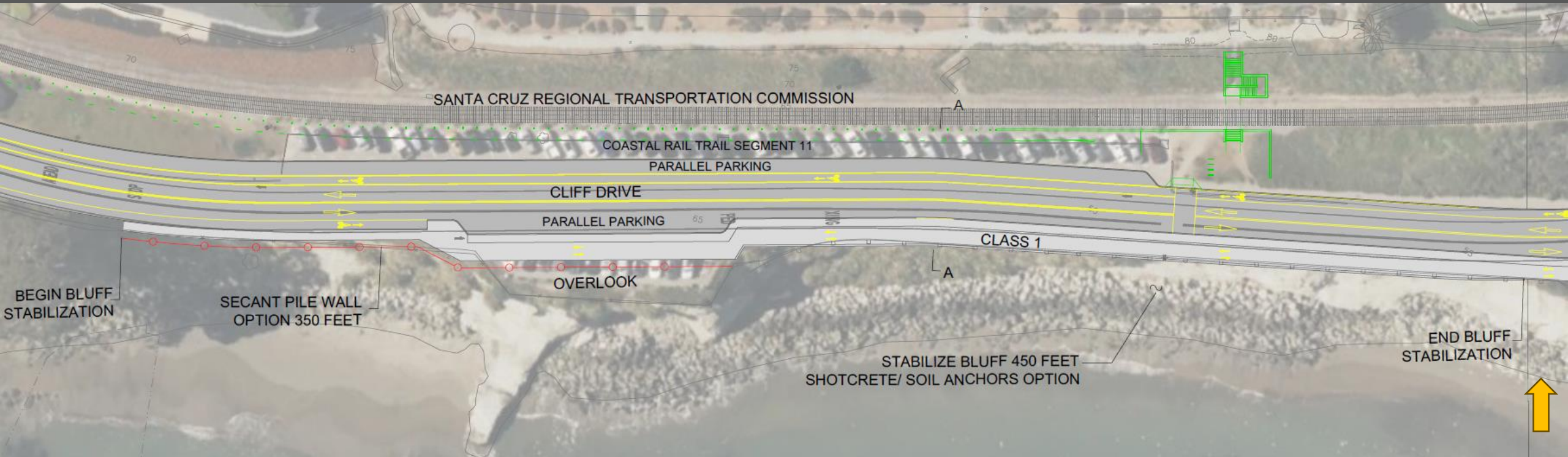
1. Erosion rate is about 0.5 feet each year resulting from storms and SLR.
2. Sea caves will continue to form undermining bluff.
3. 5 feet of toe retreat might lead to 15 feet of bluff top retreat.



## BLUFF STABILITY – LOWER PROBABILITY

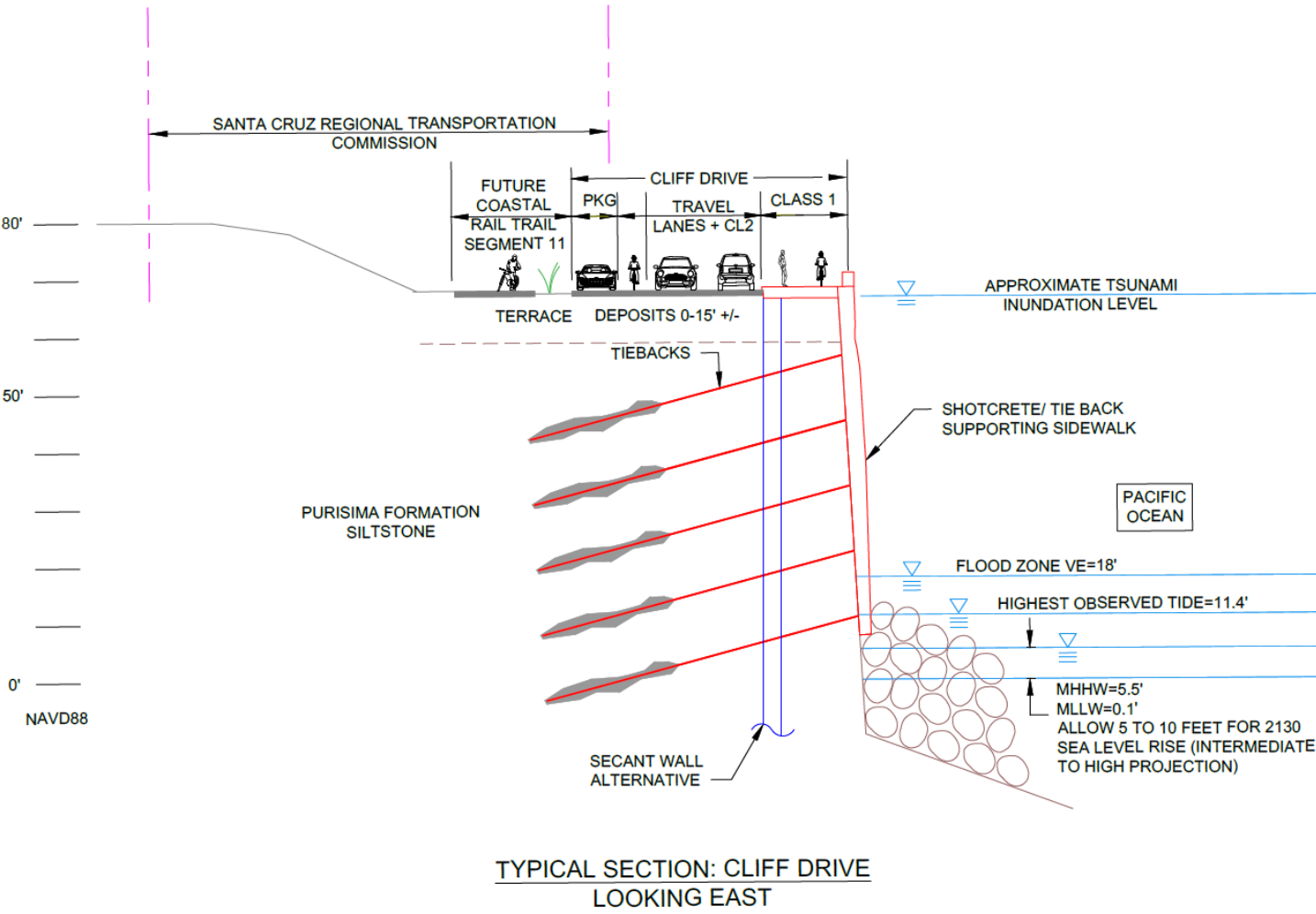
1. Large failure of bluff due to seismic event or extreme wave action.
2. Perhaps 30 feet of bluff top retreat.

# Protect Concept



1. Provide vehicle travel lanes in the east and west bound directions.
2. Develop a Class 1 pathway eastbound towards the Village that connects to Coastal Rail Trail Segment 11.
3. Maintain westbound Class 2 bike lanes.
4. Provide parallel parking.
5. Enhance the overlook.

# Protect Concept



# Protect Concept



# Adapt Concept



Cliff Drive operates in one way direction.



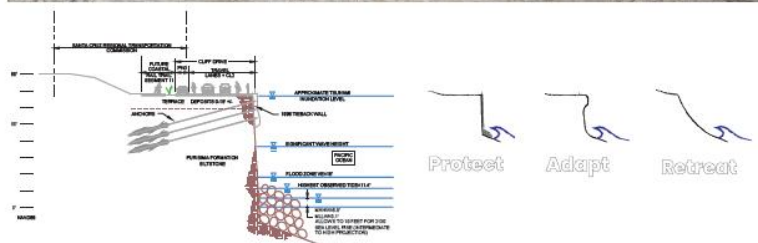
# Group Activity



## Cliff Drive Resiliency Project



### Cliff Drive Resiliency Project



1. Use stickers to indicate your preference.
2. Write your comments.
3. What else should we be considering?
4. Tell us what you think!

To learn more, stay updated by following the project online:  
[www.cliffdriveresiliency.org](http://www.cliffdriveresiliency.org)



What is your preferred way to travel when visiting Vista Point and/or Capitola Village?



Walk



Bike



Automobile



Public transportation or ride sharing

How important is two-way vehicle traffic on Cliff Drive?



Two-way traffic is important to me



Close Cliff Drive to automobile traffic



Only need traffic moving Eastbound (towards the Village)



Only need traffic moving Westbound (from the Village)

The bluff supporting Cliff Drive is threatened by erosion. If the City can reasonably attain funding, we should use it for one of the following options:



Adapt by closing this portion of Cliff Drive to through traffic



Adapt by closing all or a portion of Cliff Drive and shifting traffic inland to an existing street



Protect the bluff using walls and similar engineering strategies



Do nothing, let nature take its course

To learn more, stay updated by following the project online:  
[www.cliffdriveresiliency.org](http://www.cliffdriveresiliency.org)



# Report Back



# Next Steps

## Key Studies

- Sea Level Rise
- Sand Supply
- Coastline Impacts
- Slope Stability
- Circulation
- Biological Resources
- Cultural Resources



Opportunities & Constraints Assessment

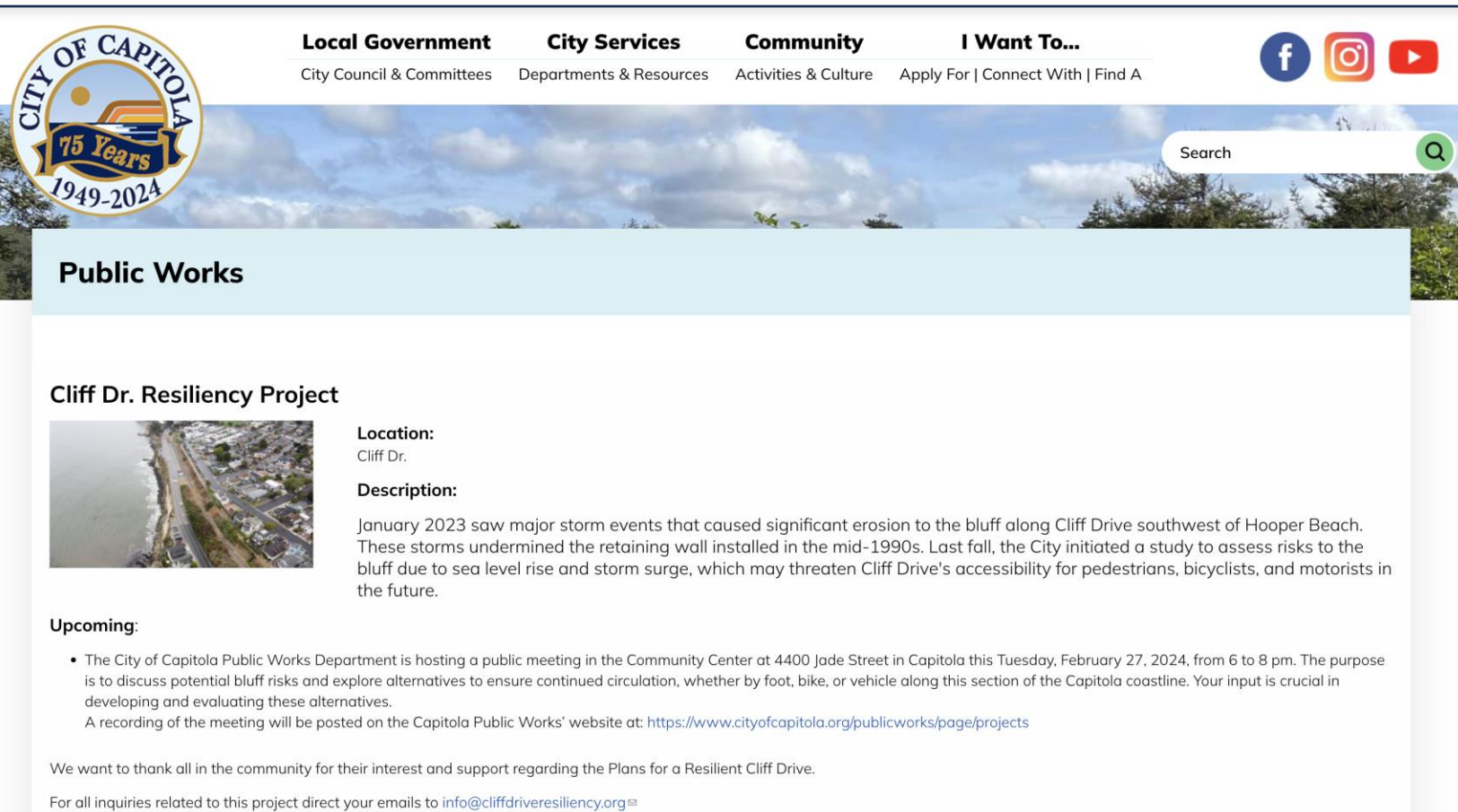
Alternatives Evaluation



# Comments, Questions, and Information

Information: [www.cliffdriveresiliency.com](http://www.cliffdriveresiliency.com)

Contact: [info@cliffdriveresiliency.com](mailto:info@cliffdriveresiliency.com)



The screenshot shows the City of Capitola website. At the top left is the City of Capitola logo, which includes a circular emblem with the text "CITY OF CAPITOLA" and "75 Years 1949-2024". To the right of the logo are navigation links: "Local Government" (with sub-link "City Council & Committees"), "City Services" (with sub-link "Departments & Resources"), "Community" (with sub-link "Activities & Culture"), and "I Want To..." (with sub-link "Apply For | Connect With | Find A"). Social media icons for Facebook, Instagram, and YouTube are also present. A search bar is located on the right side of the header. Below the header is a light blue banner with the text "Public Works". The main content area features a section titled "Cliff Dr. Resiliency Project" with an aerial photograph of the coastline. To the right of the photo are the following details:

**Location:**  
Cliff Dr.

**Description:**  
January 2023 saw major storm events that caused significant erosion to the bluff along Cliff Drive southwest of Hooper Beach. These storms undermined the retaining wall installed in the mid-1990s. Last fall, the City initiated a study to assess risks to the bluff due to sea level rise and storm surge, which may threaten Cliff Drive's accessibility for pedestrians, bicyclists, and motorists in the future.

**Upcoming:**

- The City of Capitola Public Works Department is hosting a public meeting in the Community Center at 4400 Jade Street in Capitola this Tuesday, February 27, 2024, from 6 to 8 pm. The purpose is to discuss potential bluff risks and explore alternatives to ensure continued circulation, whether by foot, bike, or vehicle along this section of the Capitola coastline. Your input is crucial in developing and evaluating these alternatives.  
A recording of the meeting will be posted on the Capitola Public Works' website at: <https://www.cityofcapitola.org/publicworks/page/projects>

We want to thank all in the community for their interest and support regarding the Plans for a Resilient Cliff Drive.  
For all inquiries related to this project direct your emails to [info@cliffdriveresiliency.org](mailto:info@cliffdriveresiliency.org)

QR Code

