

Community Meeting #1

South Cove Sailing Basin

Dredging Project

Zoom Meeting, 6pm, April 18, 2024



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Department of Parks, Recreation & Waterfront

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Goals of this Community Engagement Series on South Cove Sailing Basin Dredging Project

Community Meeting #1 – Today, April 18, 2024

- Learn about dredging's regulatory permitting process & how construction cost is determined
- Seek community feedback on current challenges related to the depth of the sailing basin
- Gather community input on potential dredge location and depth to enhance recreation at the basin

Community Meeting #2 – Tentative July/August, 2024

- Determine preferred dredging location and depth
- Programming level cost estimate for construction
- Other Priority Project(s) at South Cove

Community Meeting #3 – TBD

Agenda

1. Introductions and Goals
2. Projects at South Cove
3. Timeline/flowchart of a typical dredging project
 - a) South Cove Sailing Basin Dredging Study Scope
4. Results of Hydrographic Survey
5. Preliminary Use Pattern Information Gathered
6. Open Discussion related to the uses of the basin, potential dredge depth and area for: a) Sailing, b) Windsurfing, c) Swimming
7. Other Potential Priority Project(s)

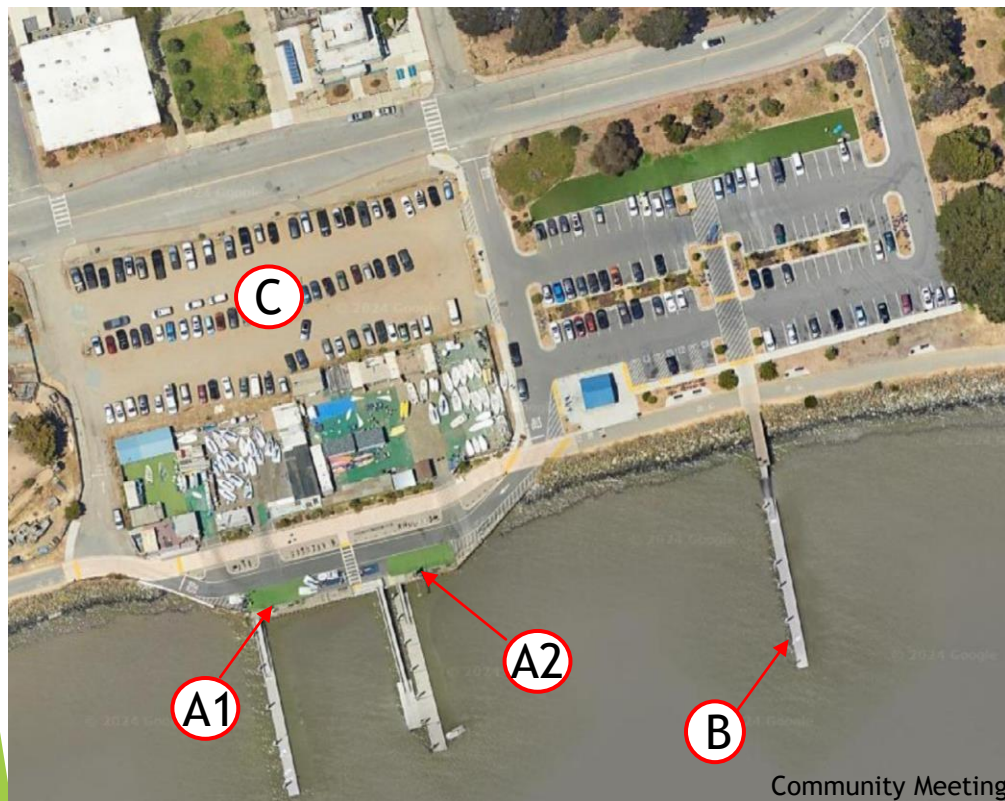
Projects at South Cove

A. Boat Hoist Improvements

1. Half Ton (West) - Replaced the rotating tower structure with a rebuilt hoist motor. Completed in 2020. \$8,066.25
2. Two Ton (East) - Full Assembly Replacement. Completed in 2023. \$77,750.76.

B. East Dock Float On-Shore Repair - Reinstallation anticipated by End of May, 2024

C. West Parking Lot Improvements - Anticipated start of construction, May/June, 2025. Completion, Oct, 2025



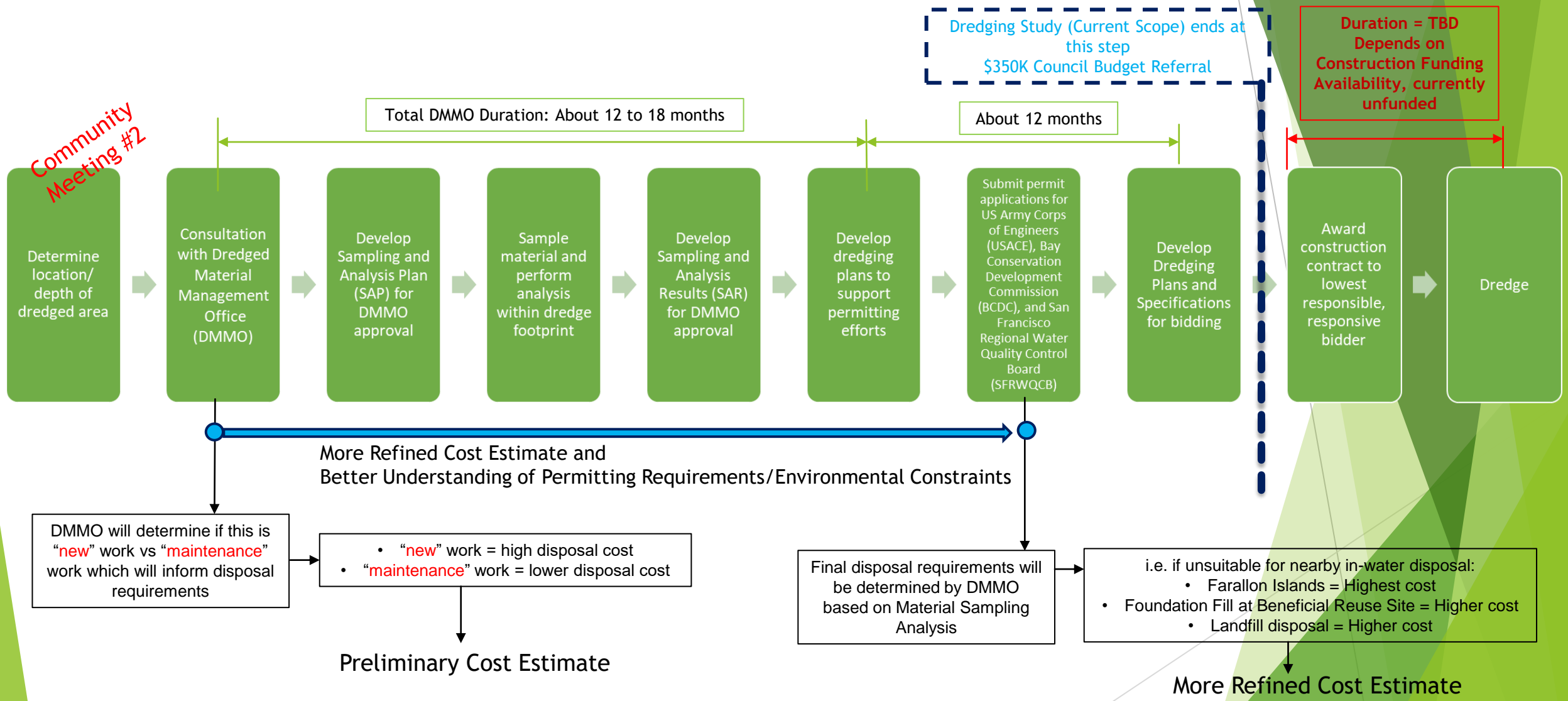
Old 2 Ton



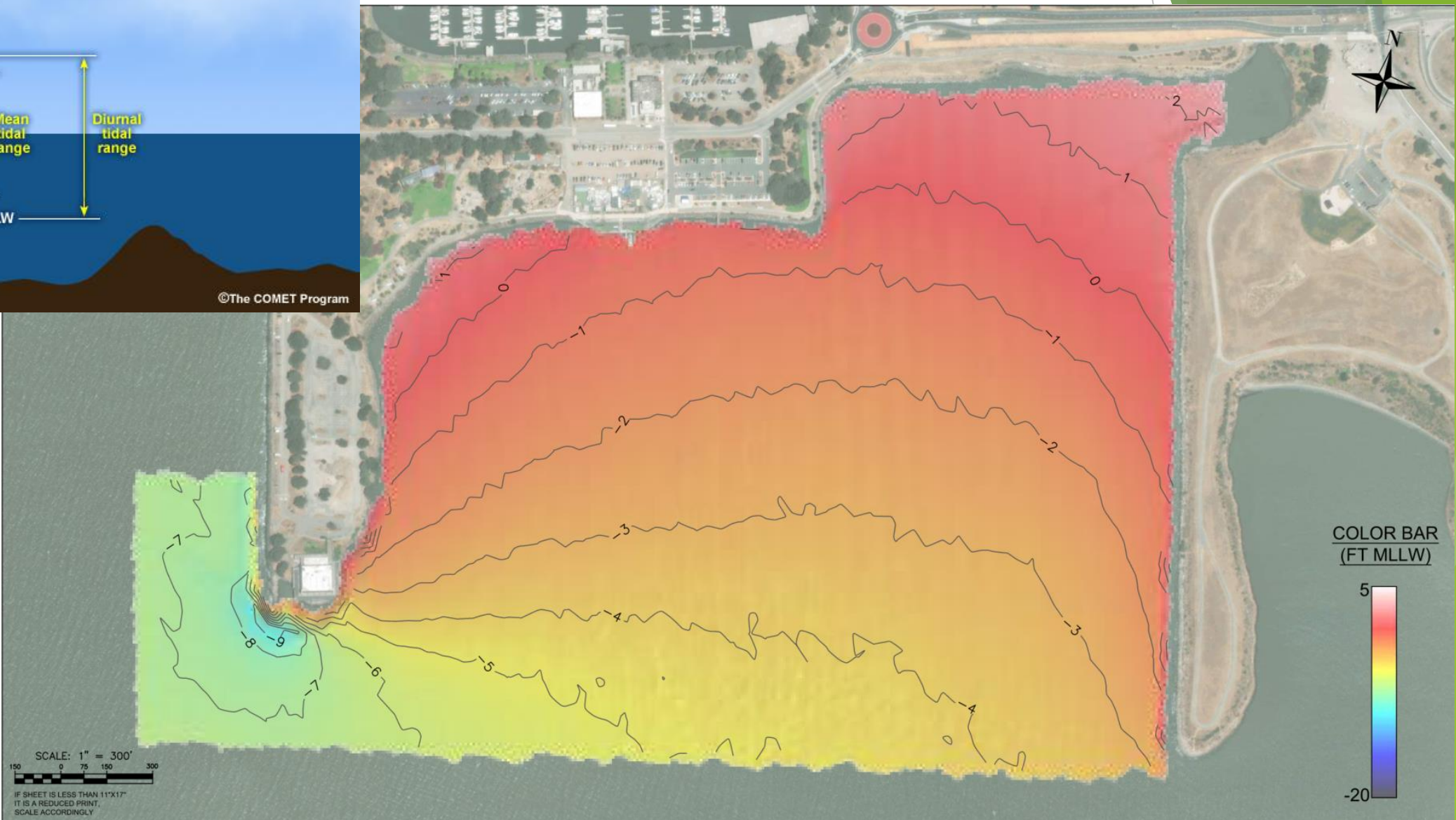
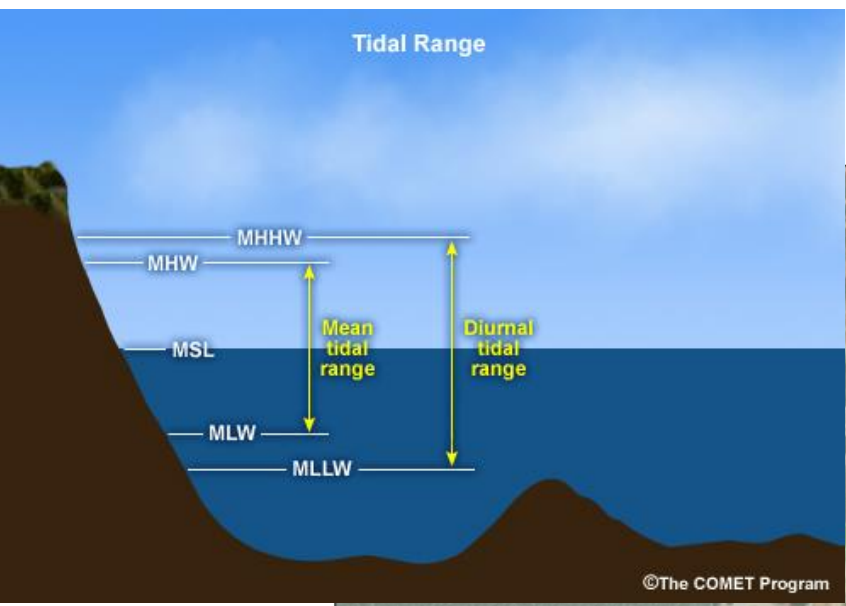
New 2 Ton



Dredging Flowchart and Project Timeline



Existing Conditions

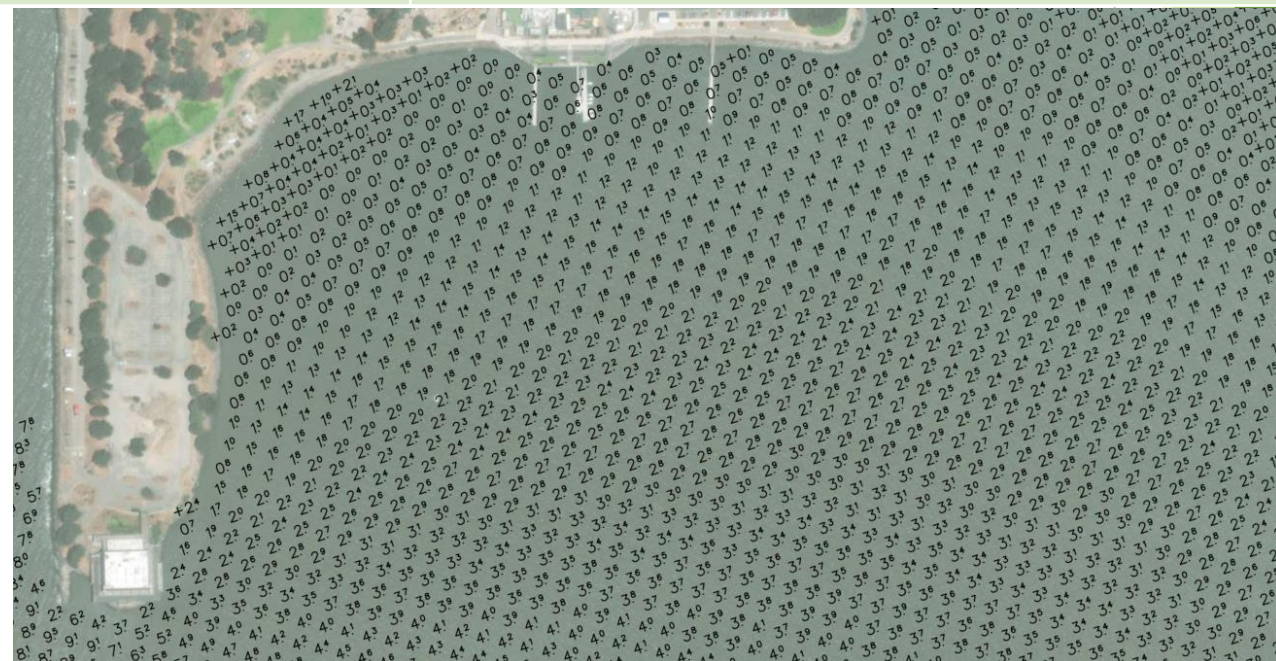
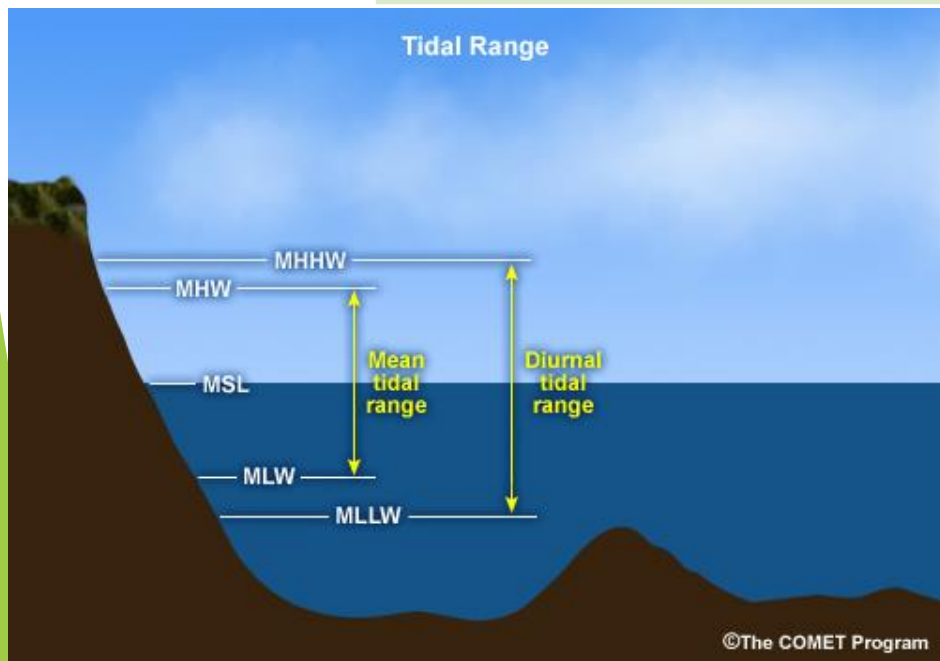


SCALE: 1" = 250'
0 62.5 125 250
IF SHEET IS LESS THAN 11"x17"
IT IS A REDUCED PRINT,
SCALE ACCORDINGLY.



Open Discussion: Uses of the Basin and Depth Discussion

<u>Uses of the South Cove Sailing Basin</u>	<u>Desired Depth/Draft at MLLW (Preliminary)</u>
Sailing Craft (Cal Sailing/Cal Adventures)	5'-6'
Windsurfing	1'
Wingfoiling	4'
Standup Paddleboard	1'
Swimming	2'
Kayaking	2'



Open Discussion: Feedback on Use Areas



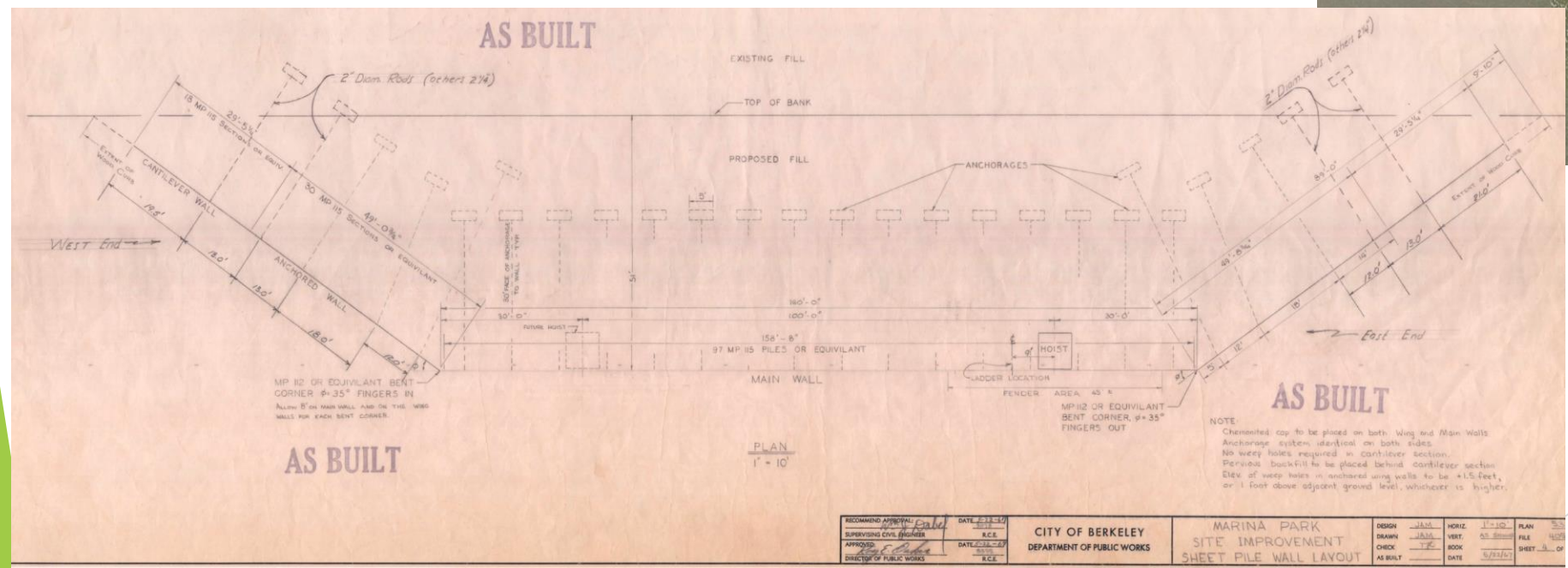
Other Potential Priority Project(s) at South Cove

South Cove Sailing Basin Seawall Replacement Project

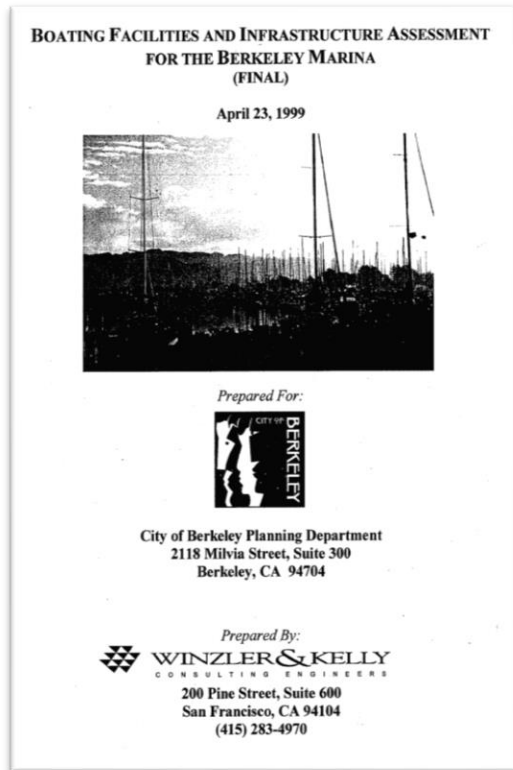
Existing Structure Constructed in 1967

Rough Order Magnitude Cost Estimate: \$4.5 to 5 Million (Unfunded)

Preliminary Estimate for Design and Permitting : \$300K to 400K(Unfunded)



South Cove Sailing Basin Seawall Replacement Project



South Sailing Basin Seawall

The South Sailing Basin Seawall is located on the shoreline at the center of the South Sailing Basin. The seawall retains approximately 12' of artificial fill. The seawall is in poor condition due to heavy corrosion from prolonged saltwater exposure. The exposed upper portion of the wall is beginning to chip and break off in small pieces. The seawall was recommended to be replaced in the "1999 Boating Infrastructure Assessment" and today the replacement project is an even higher priority due to increased damage to the seawall over the last 20+ years.

Excerpt from Waterfront Infrastructure Assessment, May, 2021

“Recommended to Replace seawall in 1999, Reconfirmed this need in 2021.”



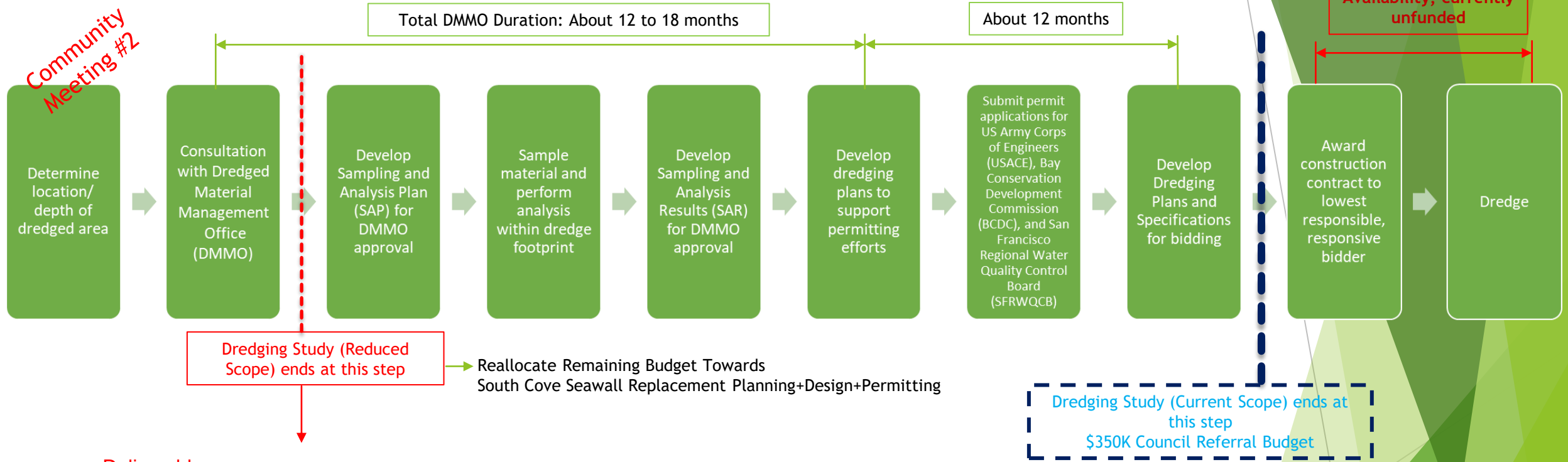
South Sailing Cove Seawall. Note the heavily corroded steel of the sheet piles.

6. Sheet Pile Bulkhead at South End of Marina

The sheet pile bulkhead near the windsurfing area and the Cal sailing club at the south end of the Marina is obviously deteriorated and needs to be replaced. The bulkhead contains approximately 12 feet of landfill, and is showing flaking rust and rot on the exposed upper end. A cost estimate to replace this sheet piling is

South Cove Sailing Basin Seawall Replacement Project

Funding Plan Possible Idea



Deliverables:

- Community-Supported Preferred Dredging Location and Depth
- Preliminary Cost Estimate (more conservative, more assumptions)*
*Seek construction funding prior to material sampling and obtaining permits?

Deliverables:

- Community-Supported Preferred Dredging Location and Depth
- More Refined Cost Estimate (less conservative, less assumptions)
- DMMO Approved Dredging Plan
- Permits and Environmental Documents
- Construction Document*
* Construction Bidding on-hold until construction funding can be identified

Questions

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