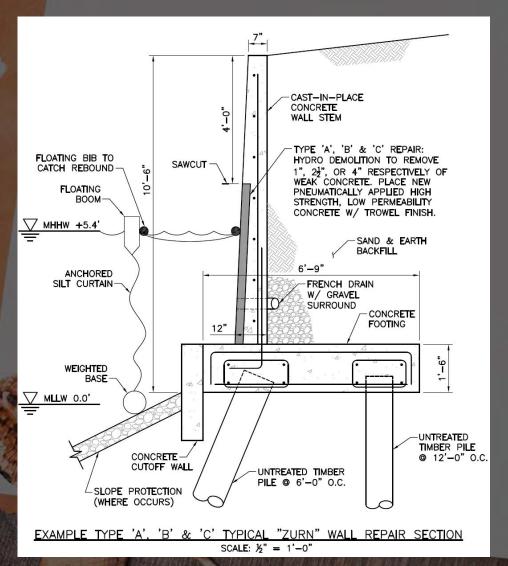
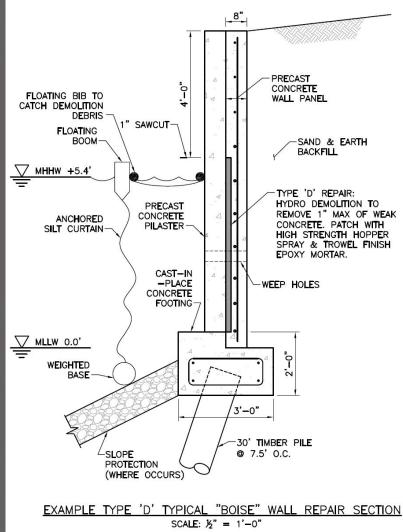


Zurn and Boise Seawalls

(West of Peninsula Road)

(East of Peninsula Road)







Scaling/Erosion









Waterway Capital Improvement Program

TranSystems

 An engineering firm specializing in harbor development

Recommendations

- Remove and Reface the outer surface
- 20-25 year period
- 80 million dollar project



Mandalay Bay Seawall Repair Update

February 9, 2019
Rosemarie Gaglione, P.E.
Public Works Director

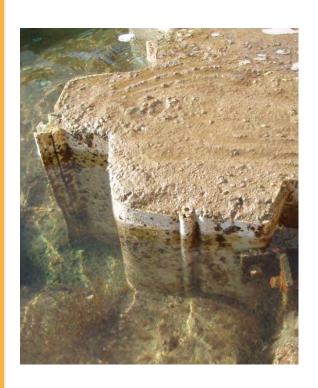


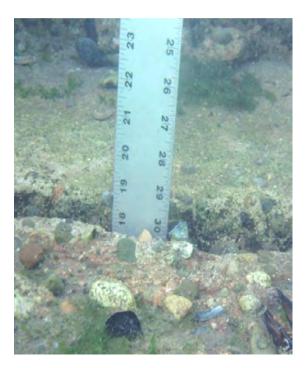
The Problem is Reactive Aggregate

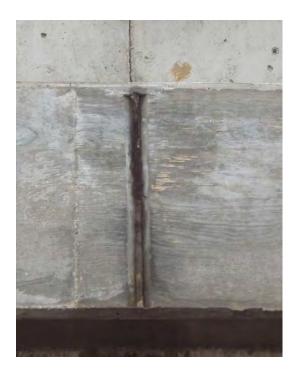
- The seawalls are made of concrete, which is a mixture of Portland cement, sand and aggregate or small rocks.
- Cement is alkaline, and it can react with a non-crystalline form of silicon dioxide in some aggregate: alkali silca reactivity (ASR).
- This causes the rock to expand, separating it from the concrete and the steel reinforcing bars in the wall.
- The catalyst is water; if you could seal all water out, you
 would be able to stop the reaction from continuing, but you
 could never reverse it.
- The seawalls are exposed to lots of water

Recently Completed Projects

- 2012 Condition Assessment
- 2014 Slope Protection & Filling Footing Gaps
- 2016 Kingsbridge Way Wall Repair Work







TranSystems Recommendations

- Pilaster Repairs
 - Construct concrete jacket over existing pilasters
- Weep Hole Installations
 - Adjust location of weep holes to increase water drainage in order to relieve hydrostatic pressure on the wall
- Boise Panel Repairs
 - Hydroblast 1-inch of weak concrete on the wall face, install a Fiber Reinforced Polymer (FRP) form and inject resin between the form and Boise wall face
- Zurn Wall Repairs
 - Hydroblast up to 4-inches of weak concrete on the wall face and place new pneumatically applied high strength, low permeability concrete

Alternative Analysis

- The estimated cost to repair the seawalls with these methods is approximately \$90 million in 2017 dollars.
- Public Works staff has the following concerns:
 - Value engineering had not been performed
 - The repairs would be superficial in nature
 - The underlying mode of deterioration would continue
 - The deteriorating concrete would no longer be visible
 - The life expectancy could be 20 40 years: what is the life cycle cost?
 - The costs were not adjusted for inflation
 - The first project came in quite a bit over the engineer's estimate

Alternative Analysis

- Public Works staff has recommended an alternatives analysis be conducted to determine the best design option that would be both cost effective and provide a longer lasting repair.
- On October 11, 2018, the City issued a request for proposals (RFP) for a Mandalay Bay seawall repair feasibility study and construction documentation at 3900-3966 West Hemlock Street, which is the first section of seawall to be repaired.

Feasibility Study

- The Repair Feasibility Study will provide recommendations for seawall repair for the entirety of Mandalay Bay.
- TetraTech will provide engineering services to the City of Oxnard to determine what options are available for repairing the existing Zurn and Boise type seawalls in Mandalay Bay.
- TetraTech will provide a value engineering review throughout the feasibility study. The purpose of this review is to evaluate preliminary study findings to determine whether the City's functional objectives can be met more cost effectively through a different design approach.
- The feasibility study is anticipated to take three (3) months to complete.

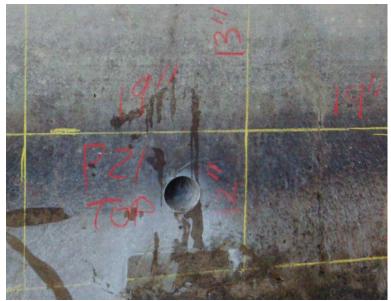
Construction Documentation (3900 – 3966 West Hemlock)

TetraTech will finalize the design concept selected through the Feasibility Study, and provide construction documentation for the seawall repairs along 3900-3966 West Hemlock Street. (Other sections to follow)

They are required to produce seawall repair system plans, specifications, cost estimates, and to determine installation methodologies.

The construction documentation is anticipated to take nine (9) months to complete.





In Closing

- We understand that this is frustrating for many of you; you believe that there is already a design in hand and that we should use it.
- But we believe there may be a better, cheaper and more long lasting solution
- Minimizing costs and maximizing the life of the work is in the best interests of both the City and residents
- To undertake a project such as this without performing a value engineering analysis is not best practice
- This project is being managed by engineers; we are not emotionally attached to any outcome; we want the best solution

Questions?













Update

Harbor & Beach Community Alliance

100% of the money donated to HBCA is used to pay Consultant and Attorney Fees.

0% administration! 0% on overhead!

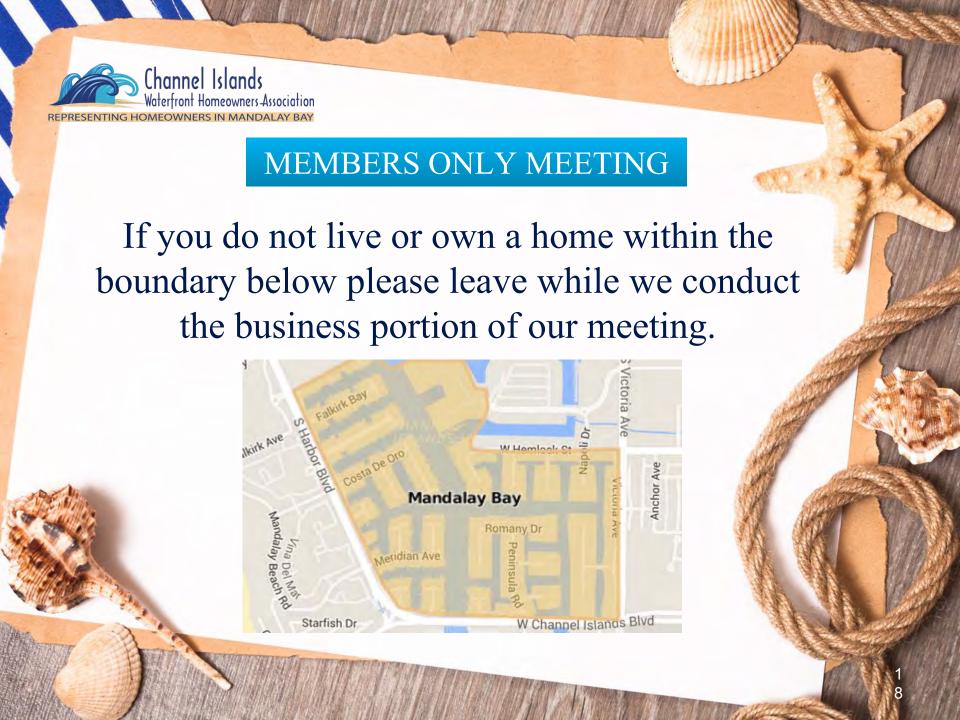
ABOUT HBCA

We are your friends, neighbors and boaters. You've seen us educating and advocating for issues that impact our Harbor and Beaches.

Harbor&Beach Community Alliance was created to preserve public access to coastal land. Oppose Harbor and Beach development that is not in the interests of the community and the environment. Communicate with local community and government agencies to protect public safety and access.













CONSENT AGENDA MATTERS

- Minutes of 2018 Annual Meeting Seawall condition: Problems include wall settlement and
- Treasurer's 2018 Report
- Proposed Budget: 2019
- **Election of Board**

COMMITTEE PRESENTATIONS

- Seawalls
- Landscaping
- Communications

2018 MINUTES FOR APPROVAL

CHANNEL ISLANDS WATERFRONT HOMEOWNERS ASSOCIATION Questions and answers: Casa Serena is a County project, not a ANNUAL MEETING, FEBRUARY 10, 2018 EMBASSY SUITES HOTEL MANDALAY BAY, OXNARD, CA

Call to Order: The meeting was called to order at 9:00 am by President Bill Clark who then led the group in the Pledge of Allegiance.

Update on Seawall Project, Eric Newton, TranSystems:

rotation, overstress cracking, concrete erosion and spalling, siltation buildup, weep hole plugging, soil loss, footing undermining and loss of slope protection.

Current projects:

Seawall monitoring program, West Hemlock Street wall repairs Pilaster jacket repairs Maintenance dredging.

Recently completed projects:

2012 Condition assessment 2014 Slope protection and filling footing gaps 2016 Kingsbridge Way wall repair.

Phase C - project time lines: In the fall of 2017 projects were planned for the next 25 years with priorities, cost estimates and scheduled. \$87 Million is needed over next 25 years. Last year this was reported as \$60 million. The new amount is a more conservative approach with more projects being added. Questions and answers: The difference between the Zurn walls and the Boise walls described. Survey results are available from Board member Bob Freedman or from the City. Original reinforcement bar was not marine grade, the new bar is. The effects of corrosion were described.

Oxnard City Mayor Tim Flynn:

Mayor Flynn introduced Chief of Police Scott Whitney who is also serving as Interim Acting City Manager. The Mayor discussed the Fisherman's Wharf project. The 50-year-old agreement between the City and the County has expired. At present, the City and County do not agree on a plan. Mayor Flynn hopes residents have a strong role in developing the plan.

City project. The Airport Board is an example of the City and County working together. Our residents have been very patient regarding the seawall project. The departure of City Manager Nyhoff has been a setback. It is important that the wastewater treatment plant be upgraded. The Mayor did not answer the question as to whether or not the City owns the seawalls. There was a brief discussion on the pending possible recall of City

Honored Guest: Beat 21 Coordinator Officer Mike Kohr was introduced.

Closed Session for Homeowners Only:

The HOA Board was introduced. The Consent Agenda was passed. This included approval of the 2017 Annual Meeting Minutes, the 2017 Treasurer's Report and the 2018 Proposed

Keith Beckwith, Debbie Mitchell and Tom Shideler were re-elected to the Board.

Bill Clark stated that the role of the Board in the Seawall Project is to "monitor maintenance and advocate for the timely repair and maintenance of the Mandalay Bay seawalls and channels." The bottom line regarding the condition of our seawalls is that we are at the end of their service life. The program as described is to extend their life 25 to 40 years. Assessment has not changed since 1993 and is inadequate to cover maintenance cost. The plan is to cost share with the City. A new assessment district will be established. This district will include landscaping, seawall repairs, future dredging, a 50/50 split with the City, require a vote of registered voters in our area and will cause an increase in property tax.

An update on Landscaping was given by Keith Beckwith. This included removal of dead trees along Harbor, replacement of vegetation and irrigation, and a new City contractor. For questions, call Keith at (805) 338-4466.

> Stay connected at www.channelislandsca.com or www.nextdoor.com

The meeting was adjourned at 10:55 am. Submitted by: Tom Shideler, Secretary

CONSENT AGENDA MATTERS

Minutes of 2018 Annual Meeting

Treasurer's 2018 Report

2018 YEAR END Channel Islands Waterfront Homeowners Association Profit & Loss

	Jan - Dec 14	Jan - Dec 15	Jan - Dec 16	Jan - Dec 17	Jan - Dec 18	TOTAL
Income						
Membership Dues	21,050.00	22,350.00	21,950.00	22,450.00	18,500.00	106,300.0
Transfer Fee	900.00	1,550.00	1,200.00	1,200.00	1,550.00	6,400.0
Donations	300.00	220.00	200.00	200.00	210.00	1,130.0
Interest Income	155.61	14.92	15.95	17.46	19.28	223.2
PayPal Fees	0.00	0.00	0.00	0.00	7.00	7.0
Total Income	22,405.61	24,134.92	23,365.95	23,867.46	20,286.28	114,060.2
Gross Profit	22,405.61	24,134.92	23,365.95	23,867.46	20,286.28	114,060.2
Expense						
Accounting Costs	850.00	582.00	630.50	1,295.50	1,078.75	4,436.7
Annual Meeting	2,886.02	3,134.36	2,801.80	5,857.99	3,168.65	17,848.8
Bank Fees	0.00	0.00	0.00	1.75	10.70	12.4
Board of Directors Expense	629.72	677.04	0.00	1,397.91	473.42	3,178.0
Income Taxes	850.00	50.00	0.00	50.00	0.00	950.0
Insurance Expense	1,600.00	1,600.00	1,600.00	1,835.00	2,200.00	8,835.0
Legal Fees	97.50	320.00	0.00	0.00	0.00	417.5
Neighborhood Improvements	10,698.04	0.00	0.00	0.00	0.00	10,698.0
Political Contributions	1,500.00	0.00	0.00	1,000.00	0.00	2,500.0
Post Office Box	264.00	264.00	288.00	312.00	312.00	1,440.0
Printing/Mailing Costs	1,942.34	2,632.23	2,039.06	2,074.17	2,838.82	11,526.6
Total Expense	21,317.62	9,259.63	7,359.36	13,824.32	10,082.34	61,843.2
et Income	1,087.99	14,875.29	16,006.59	10,043.14	10,203.94	52,216.9

CONSENT AGENDA MATTERS

Minutes of 2018 Annual Meeting

Treasurer's 2018 Report

Proposed Budget: 2019

Election of Board

COMMITTEE PRESENTATIONS

- Seawalls
- Landscaping
- Communications



Balance Sheet

As of December 31, 2018

	Dec 31, 18
ASSETS Current Assets Checking/Savings	2 400 05
Checking- Union Savings- Union	2,409.95 198,009.95
Total Checking/Savings	200,419.90
Accounts Receivable Accounts Receivable	-150.00
Total Accounts Receivable	-150.00
Total Current Assets	200,269.90
TOTAL ASSETS	200,269.90
LIABILITIES & EQUITY Equity	
Opening Balance Equity	119,851.96
Retained Earnings	70,214.00
Net Income	10,203.94
Total Equity	200,269.90
TOTAL LIABILITIES & EQUITY	200,269.90

CONSENT AGENDA MATTERS

Minutes of 2018 Annual Meeting Treasurer's 2018 Report

Proposed Budget: 2019

Election of Board

COMMITTEE PRESENTATIONS

Seawalls

Landscaping

Communications

2019 Budget		
Income	Jan - Dec 19	
Membership Dues		
Membership Dues - 2019	21,000.00	
Total Membership Dues	21,000.00	
Transfer Fee	1,200.00	
Interest Income	20.00	
PayPal Fees	15.00	
Total Income	22,235.00	
Gross Profit	22,235.00	
Expense		
Accounting Costs		

CPA Costs 250.00 1,000.00 **Bookkeeping Fees**

Total Accounting Costs 1,250.00 **Annual Meeting** 3,200.00

Bank Fees PayPal Fees 15.00

Total Bank Fees 15.00

Board of Directors Expense Meals

Total Board of Directors Expense 500.00 2,200.00 Insurance Expense

500.00

25.00

25.00

Legal Fees

Secretary of State Filing Fees

Total Legal Fees

Post Office Box 320.00 Printing/Mailing Costs 3,200.00

Total Expense 10,710.00 Net Income 11,525.00

Election of 2019 Officers

CONSENT AGENDA MATTERS

- Minutes of 2018 Annual Meeting
- Treasurer's 2018 Report
 - Proposed Budget: 2019
- Election of Board

COMMITTEE PRESENTATIONS

- Seawalls
- Landscaping
- Communications

- ☐ Bill Clark
- Matthew Steinorth
- ☐ Bob Freeland

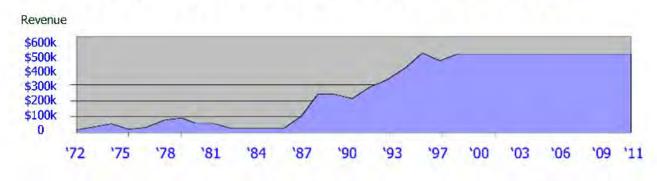






Current Assessment

W aterway Maintenance District Assessments



Date

- Current assessment unchanged since 1993
 - Total annual assessment revenue \$501,706

In the future we will have to vote on a measure to increase our Assessment.



The City recommended tripling our assessment in 2006

	GENERAL TOTAL TAX		417
PHONE	SPECIAL ASSESSMENT	DIST/ZONE	AMOUNT
805-650-4073	ZN2 OXNARD WPD NPDES	1426	4
805-654-2816	VECTOR CONTROL	0301	
805-579-7132	CALLEGUAS MWD	0824	THIS
805-650-4073	ZN2 OXNARD NPDES	1442	NOWBER
866-807-6864	METROPOLITAN WATER	0822	58
805-650-4073	ZN2 FLDCTRL MAINT	1405	5.06
800-676-7516	OX WATERWAY MAINT DIST	0602	XXXXXX

The City recommended tripling our assessment in 2006

Current Assessment range \$453 to \$1,586 (Average \$ 593)

Triple the assessment to \$1,359 to \$4,758

Average Tax \$ 1,779 (Average increase \$ 1,186)

Total Revenue- \$ 1,350,000

(Increase of \$900,000 per year)

 $(\$900,000+\$250,000) \times 12 \text{ years} = \$13,800,000$

THAT WAS IN 2006

2018-2019

November 13, 2018 City Council Meeting Approval of First Amendment to Agreement for Ongoing Water Quality Sampling, a Nutrient Study, and a Long-Term Water Quality Plan at the Channel Islands Harbor In the amount of \$315,806,00

Proposed District Percentage Split

Waterways Zone I 55%

Waterways Zone 2 9%

Seabridge CFD 4 23%

Westport CFD 2 13%

WE OPPOSED!

Many speakers represented CIWHA

Measure O was used

2018-2019

December 12, 2018 – Presentation to Mayor Flynn, City Manager – Alex Nguyen, Public Works Director- Rosemarie Gaglione, Council Member Bert Perello, City Attorney Carl Fisher. We were concerned about the RFP for a "Feasibility study of sheet pile"

Feb 5, 2019 City Council Voted to Approve a budget appropriation in the amount of \$163,431 from the fund balance of the Waterways Assessment District (Fund 121) to establish a budget for engineering services for seawall repair.

Feb 5, 2019 City Council Voted to Approve a budget appropriation in the amount of \$163,431 from the fund balance of the Waterways Assessment District (Fund 121) to establish a budget for engineering services for seawall repair.

We opposed - plans for Pilaster Repairs had been designed and fully permitted and were finally permitted last February, following a 3 year delay.

They voted to approve

\$163,431

To be taken from Waterways Fund

1. The budget for Fiscal Year 2018-2019 for the Waterway Maintenance Assessment District is hereby approved as follows:

Landscape Maintenance	\$379,167
Waterway Maintenance	90,000
Overhead, City Staff and Consulting Services	47,682
County Collection Fee	<u>1,395</u>
	\$518,244
Total Budget Requirements	\$518,244
Less Max Assessment Levy	<u>(491,835)</u>
Net	(26,109)
Required Surplus Fund Balance Transfer	26,109
County Assessment Roll	\$491,835

2. The cost of \$518,244 for maintaining and operating channels, parking and landscaping shall be borne by the District.

\$163,43 I

To be taken from Waterways Fund

1. The budget for Fiscal Year 2018-2019 for the Waterway Maintenance Assessment District is hereby approved as follows:

Landscape Maintenance	\$379,167
Waterway Maintenance	90,000
Overhead, City Staff and Consulting Services	47,682
County Collection Fee	<u>1,395</u>
	\$518,244

\$ 491,835 -<u>163,431</u> \$ 328,404



Nutrient Sampling Plan completed at 30 locations across the Channel Island Harbor

- One dry weather sampling event conducted in October 2018
- Two wet weather sampling events completed November 22 and 29, 2018
- One sediment sampling event completed on December 11, 2018 in the main Harbor and on December 19, 2018 in the Edison Canal

Hydrology Report

Study received on January 21, 2019

Results are currently being analyzed as they come in from the lab and the full report of findings is expected by April 2019

Sensors and Response Plan

On January 15, 2019, the County of Ventura officially approved the transfer of the 4th remote sensor to the City of Oxnard. A total of four sensors will be installed in the harbor in February 2019

The City is currently working on a Marine Die-off Response Plan with various City departments

Next Steps

- Additional grant and funding opportunities will continue to be explored
- The four remote sensors will be deployed in February 2019
- A final report with findings and recommended next steps will be released by April 2019
- The City will host a public meeting to share the results of the report with the public
- The City will continue to work with the Regional Water Quality Control Board to utilize their expertise and ensure any regulation options are explored with regards to the Edison Canal

How to Report an Issue or Find Information

For emergencies, please call (805) 797-7598

Email: ciharbor@Oxnard.org

Visit: www.Oxnard.org/ciharbor

Special Districts Office at (805) 385-7578



UPDATE ON LANDSCAPING PROJECTS

Buffer Area tree removal and replanting project

 Dead trees were removed and new trees were installed throughout the buffer area along Channel Islands Blvd and Harbor Blvd

Irrigation repairs and installation

- Irrigation repairs were made throughout the buffer area to make sure the new trees would be getting water
- New irrigation timers are being installed throughout the property to ensure accurate watering
- Installation of new and repair of leaking backflows throughout the district

UPDATE ON LANDSCAPING PROJECTS

Tree Maintenance

- Currently assessing the greenbelt trees for tree maintenance and proximity to the seawall
- Will proceed by the end of February authorizing tree maintenance on greenbelt trees and removal of trees that are too close to the seawall

Greenbelt rehabilitation

- Kingsbridge Lane greenbelt pilot project will continue
 - Remaining plant material will be removed in February with the residents on each side being notified first
 - Greenbelt plant material will be discussed with ad-hoc resident group and will be provided with 3 designs to choose from

UPDATE ON LANDSCAPING PROJECTS

Landscape Maintenance Contract

- Staff has been working with the Contractor to address the continued deficiencies within the district
- Contractor has been out in the district additional days between the rains to address the weeds in the greenbelts, buffer area and in the monument areas
- Contractor has committed to getting more staff on property during there service days to more adequate address the district's needs



- For concerns or comments call-
- Keith Beckwith (805) 338-4466
- Jeri Cooper City of Oxnard (805) 200-5334
 - Jeri.cooper@oxnard.org



MEMBERS ONLY MEETING

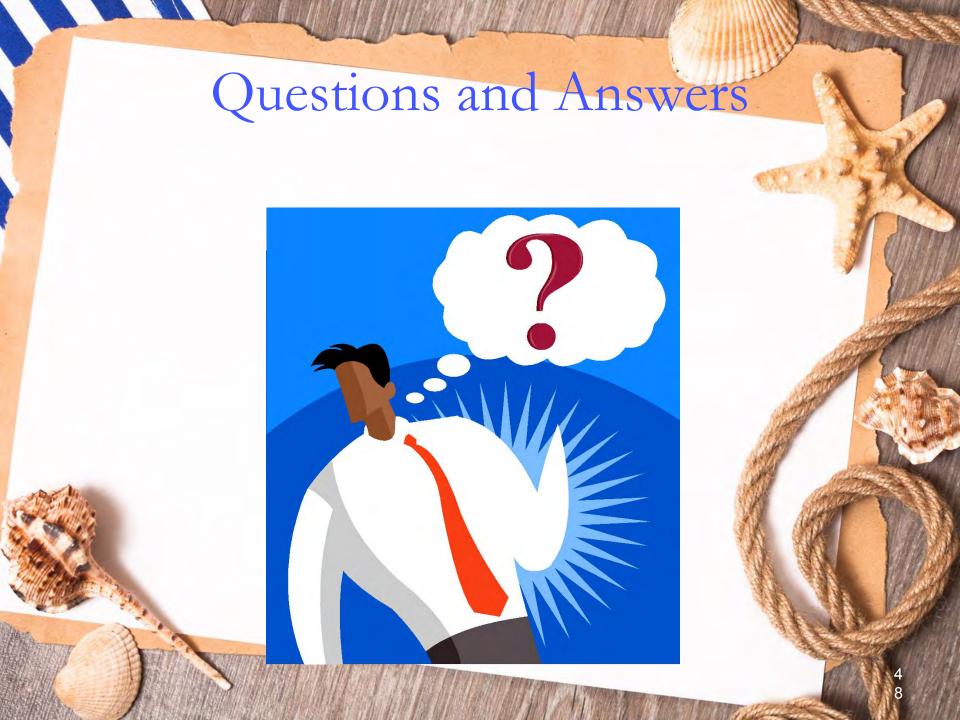


AGENDA COMMITTEE PRESENTATIONS

- > Seawalls
- Landscaping
- Communications

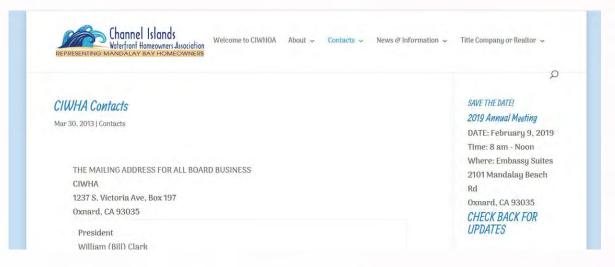
COMMUNICATIONS

This is a critical time for our association as we are facing multiple challenges. This team was created by a group of concerned homeowners to support our Board, generate updated information to our homeowners and provide visibility for our association with the City and County.



Stay Connected

CIWHOA Website (www.channelislandsca.com)



Next Door (www.nextdoor.com)

