



Staff Introduction



- •38 yr Oxnard resident •MS in Ocean Engr
- *16 yr US Army Corps of Engr

Brad Starr, PE

+3 yr US Army Corps of Engr +4 yr US Navy

Raymond Williams

- •6 yr Coast Guard
- •5 yr offshore oil industry

Jon Moore, PE

•Coastal Engineer

- Daniel R Rydberg, PE Superintendent/CM Engineer
 - *6 Yr US Naval Civil Engineering Research Lab *NAUI Certified Diver

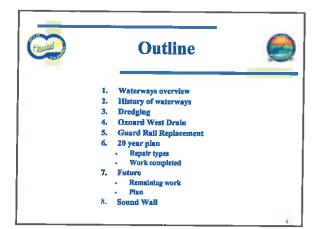
Construction Project Manager

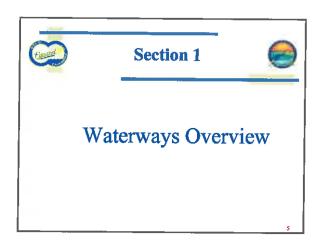
•4 yr SeaBees •PADI/NAUI Cortified Master Diver

Construction & Maint. Manager

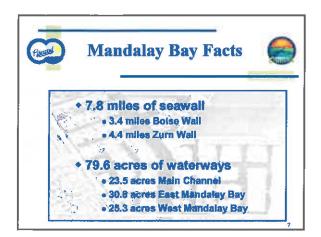
•5 yr SeaBees

•Employee of the year **Noble Consultants, Inc**

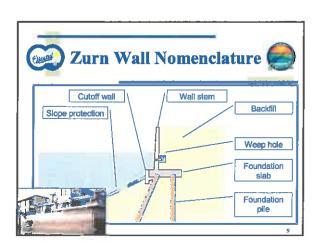


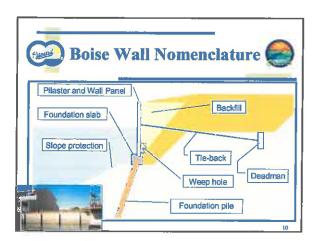


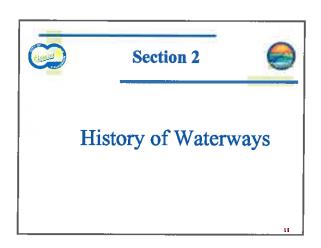


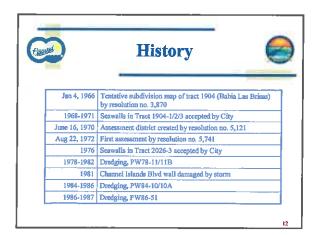


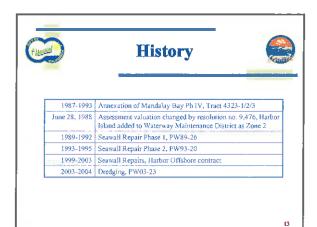


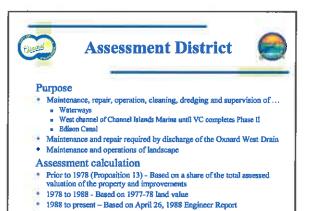


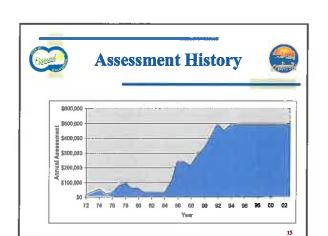


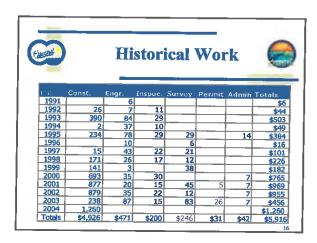


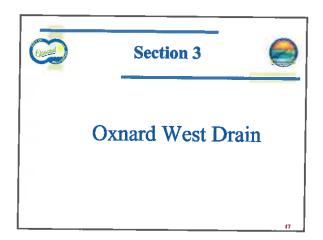


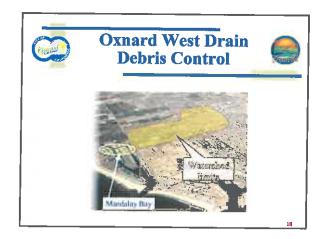














Background



- •Length is 3.39 miles
- •Watershed area of 2,800 acres (4.4 square miles)
- Design peak flow in a 50 yr storm is 1,770 cfs (gpm)
- •Owned by Ventura County Watershed Protection District (VCWPD)
- •Maintained by VCWPD and City of Oxnard Wastewater Division in cooperation with City Corps
- •Regulated by National Pollutant Discharge Elimination
- System (NPDES) Municipal Stormwater Permit

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Debris Characterization Study



Household Items 28%
Landscape materials 15%
Sports Equipment 15%
Paper products 15%
Plastics 10%
Automotive products
Styrofoam 15%
Personal effects
Glass 15%
Dead automia 24%

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VCWPD Study



Completed in January 2004

Recommendations

- •Interagency coordination
- •Installation of fence along CI Blvd
- •Focused public education and outreach
- •Further study for a treatment control device



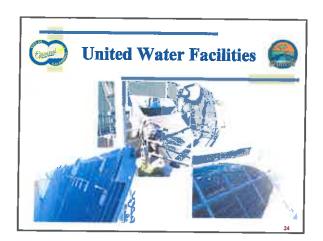
Current Efforts

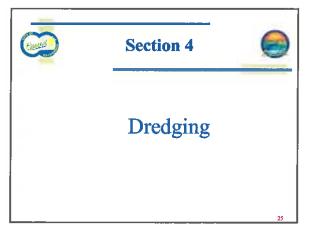


- Installed booms late last year
- Coordinating with Port Hueneme to install fence along North side of channel
- Coordinating with VCWPD to determine best treatment control device

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Background



Permits

- Army Corps of Engineers
- California Coastal Commission
- Regional Water Quality Board

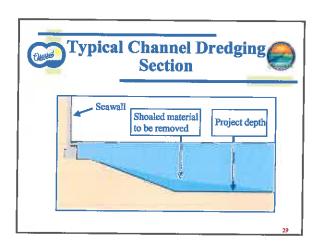
Contract status

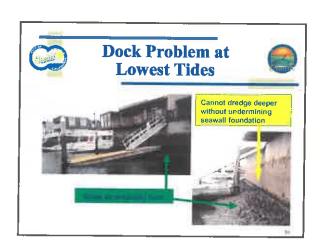
- Bids received last month were non-responsive
- Will re-bid this month

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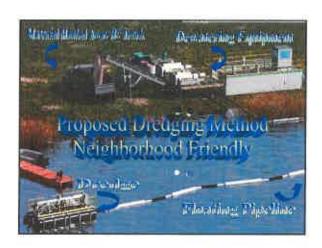
















Homeowner Cooperation Will Be Needed



- Move Boats To Allow Dredge to Clean Under Docks
- Temporary Disruption To Navigation
 - Floating Pipeline
- Suspended Cables To Operate Dredge
- Temporary Construction Impacts
 - Noise (minimized by electric equip. where possible)
 - Truck Traffic (scheduled during non-peak traffic hours)
 - 12, 16 or 24 Hour Operation (cost savings item)

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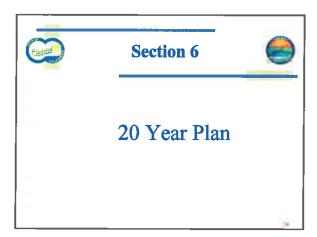
Section 5

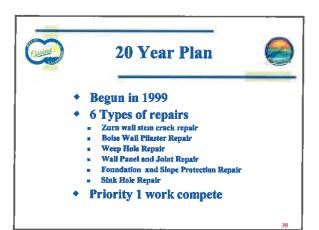


Guard Rail







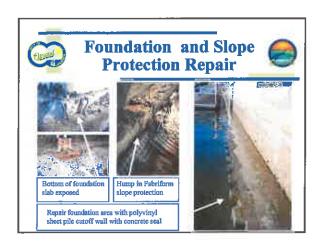




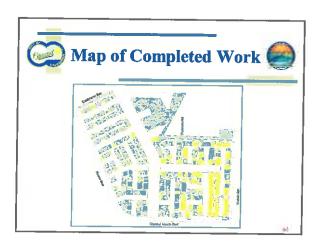




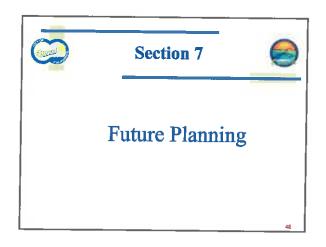


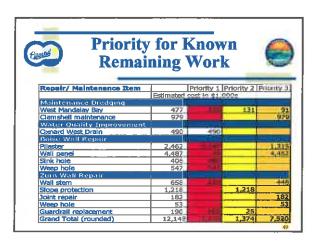


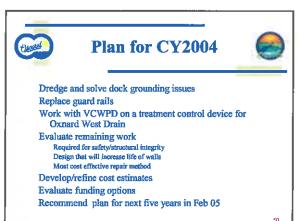


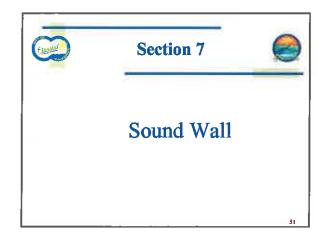






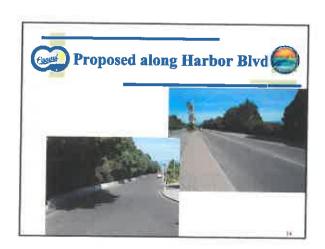














Traffic Counts



City Data Shows Local Counts

-Victoria Ave & Charmel Islands Blvd 2001 Average Annual Daily Trips
(AADT) -24,000

-Harbor Blvd & Channel Islands 2001 AADT =17,000

County Data Shows Trend

Location	1999	2000	2001	2002	2003	2003 Hourly peak	
						AM	PM
Victoria Ave s/o Gonzales Rd	33,800	36,000	35,300	39,300	41,500	3,460	3,520
Harbor Blvd s/o Gonzales Rd	17,200	15,000	15,700	16,200	19,000	1,420	1,820

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Sound Wall Issues



Walls are sometimes built around developments for...

- Separating land use, e.g. residential and commercial
- Separating neighborhoods or developments
- Gated communities
- · Sound reduction, e.g. railroad tracks, freeways, etc.

Walls are paid for by the developer (home buyer)

Caltrans has some limited sound wall funding for freeways only

Wall on Victoria Ave was built in 1993/94 by homeowners and dedicated to the City.

- Maintained by the Waterway Maintenance District.
- City Council Resolutions 10,623 and 10,624

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Possible Procedures



- Homeowners pay for wall and dedicate to City as on Victoria Ave.
- 2. City develops assessment district
 - A. Estimate project cost and assessment amounts
 - B. Get consensus from CIWHA to move ahead
 - C. Preliminary wall design and detailed cost estimate
 - D. Write engineers report setting up assessment cost distribution
 - Mail ballots to homeowners
 - P. 50% plus I vote passes the assessment
 - G. Sell bond using assessment as collateral
 - H. Final design and construction
 - I. Collect assessment to pay for bond

