

VISION



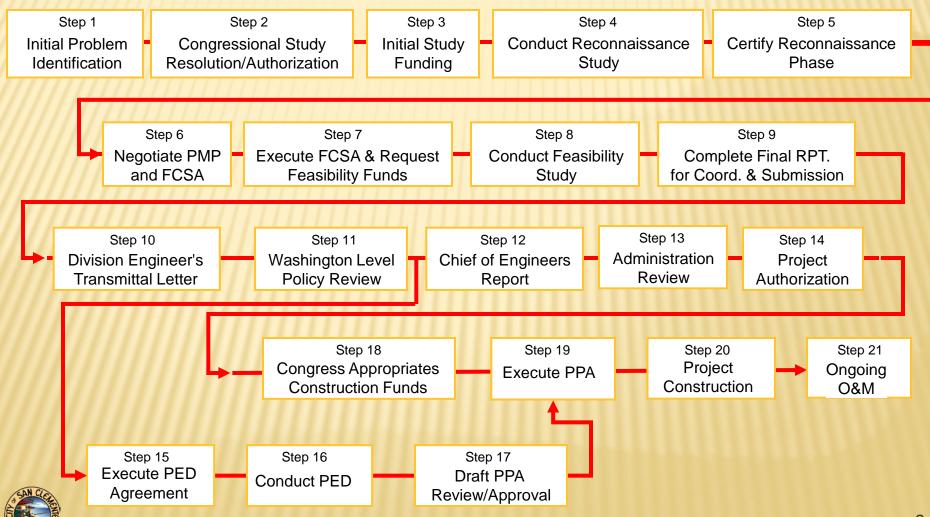




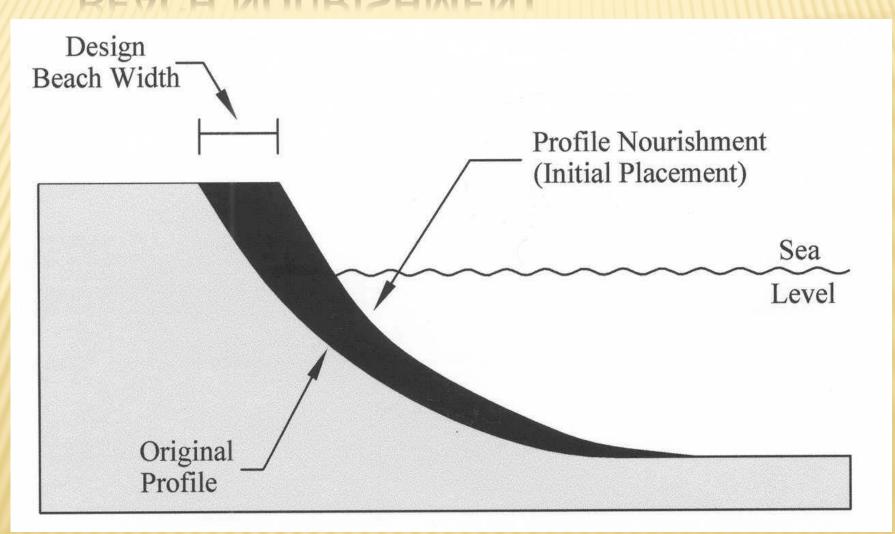


QUEST

U.S. Army Corps of Engineers Civil Works Project Delivery Process



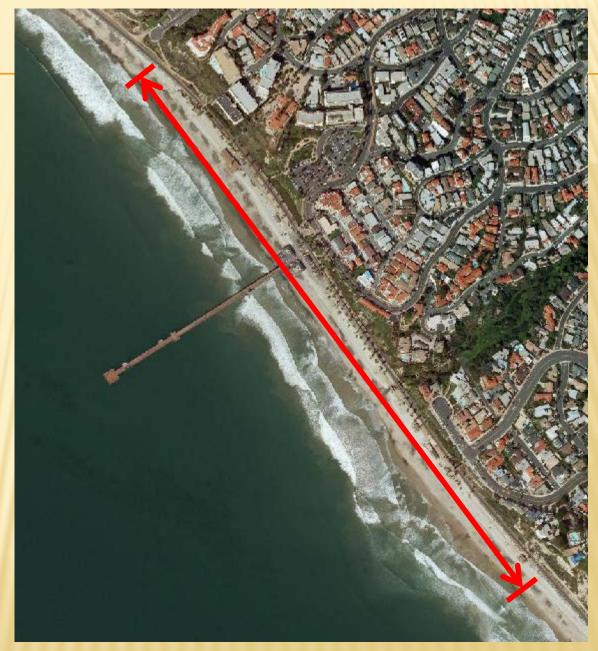
BEACH NOURISHMENT





Project Area

- "Reach 6"
- 3,412 feet
- Linda Laneto South T-Street





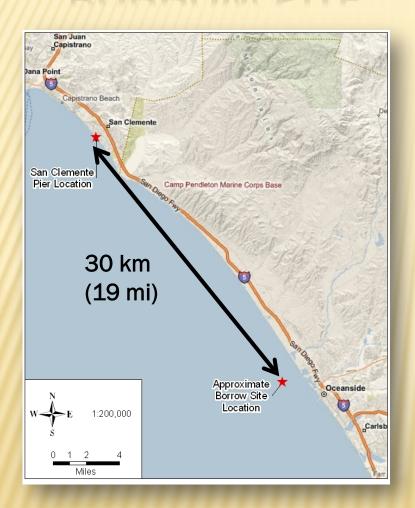
Recommended Plan

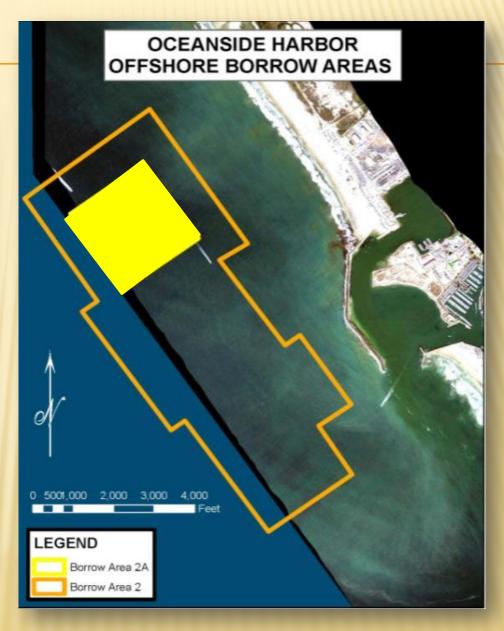
- •15 m (50 ft) width
- 251,000 cubic yards
- 6-year fill cycle
- B/C ratio = 1.4





BORROW SITE

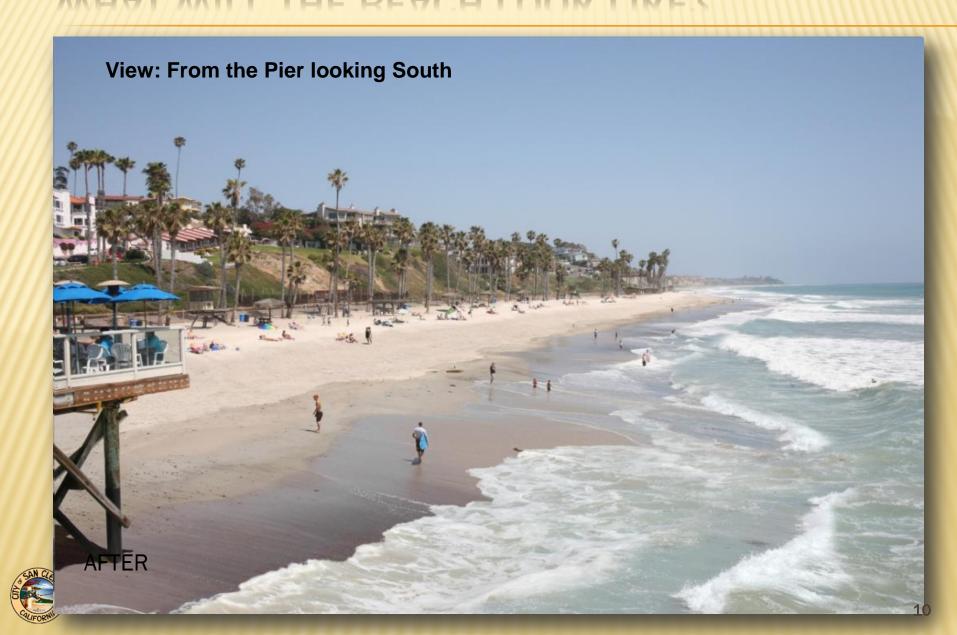














ENVIRONMENTAL MONITORING

- Compare rocky reef in Project Area (T-Street reef) with control reef outside of the Project Area (Mariposa Point)
- 2 years prior to construction and 2 years post construction
- Parameters
 - Surfgrass density
 - % cover surfgrass, sand and rock
 - Sand depth





PHYSICAL MONITORING

- Beach Width Measurements monthly surveys
- Topography and Bathymetry twice per year
- Video Based Photogrammetry





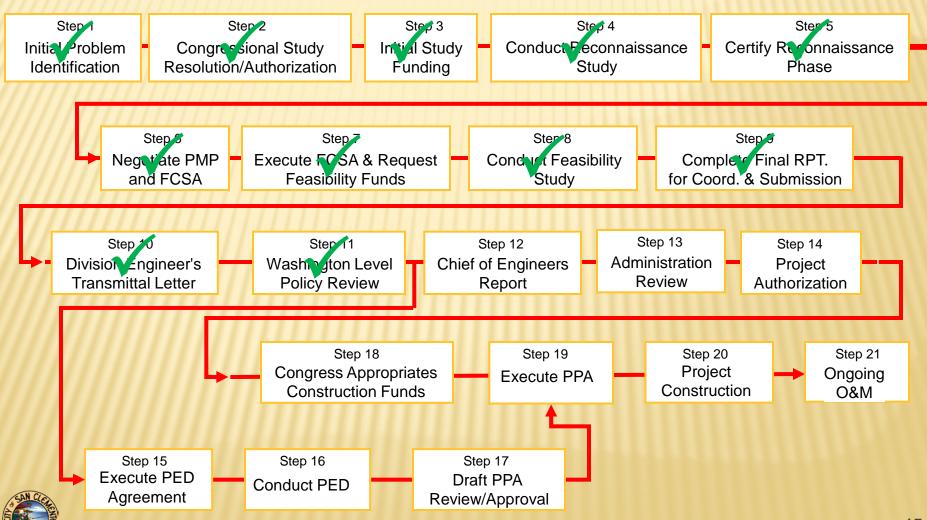


FISCAL SUMMARY

Phase	Cost Share	Federal Share (millions)	City Share (millions)	Total (millions)
Recon Study	100% Federal	\$0.1	\$0	\$0.1
Feasibility Study	50% Federal 50% City	\$1.6	\$1.6	\$3.2
	65% Federal			
Initial Beach Nourishment	35% City	\$7.3	\$3.9	\$11.2
Ongoing Beach Nourishment	50% Federal 50% City	\$71.2	\$71.2	\$142.4
Total Beach Nourishment		\$78.5	\$75.1	\$153.6



CURRENT STATUS



PROJECT MILESTONES

Recon Study Mar 2000

F1 Start Feasibility Study Sep 2001

F2 Public Workshop Jan 2002

F3 HQ Scoping Meeting Dec 2004

F4 Alternatives Review Conf. July 2008

F4A Alt. Formulation Briefing March 2010

F5 Draft Report Public Review Aug-Sep 2010

F6 Public Meeting Aug 2010

F7 Corps HQ Review Board May 2011



FEASIBILITY STUDY SCOPE

Project Management Plan Date	Estimated Study Cost	Estimated Study Completion
Sep 2001	\$1.7 M	Oct 2004
Aug 2005	\$2.1 M	Dec 2006
July 2006	\$3.2 M	Aug 2008



LESSONS LEARNED (SO FAR)

- Be an <u>ACTIVE</u> Local Sponsor
- Engage elected representatives
- Keep stakeholders informed



