

## CALIFORNIA COASTAL COMMISSION

South Coast Area Office  
301 East Ocean Blvd., Suite 300  
Long Beach, CA 90802  
(562) 590-5071



# W12c

## 5-20-0348 (HBWC)

## February 10, 2021

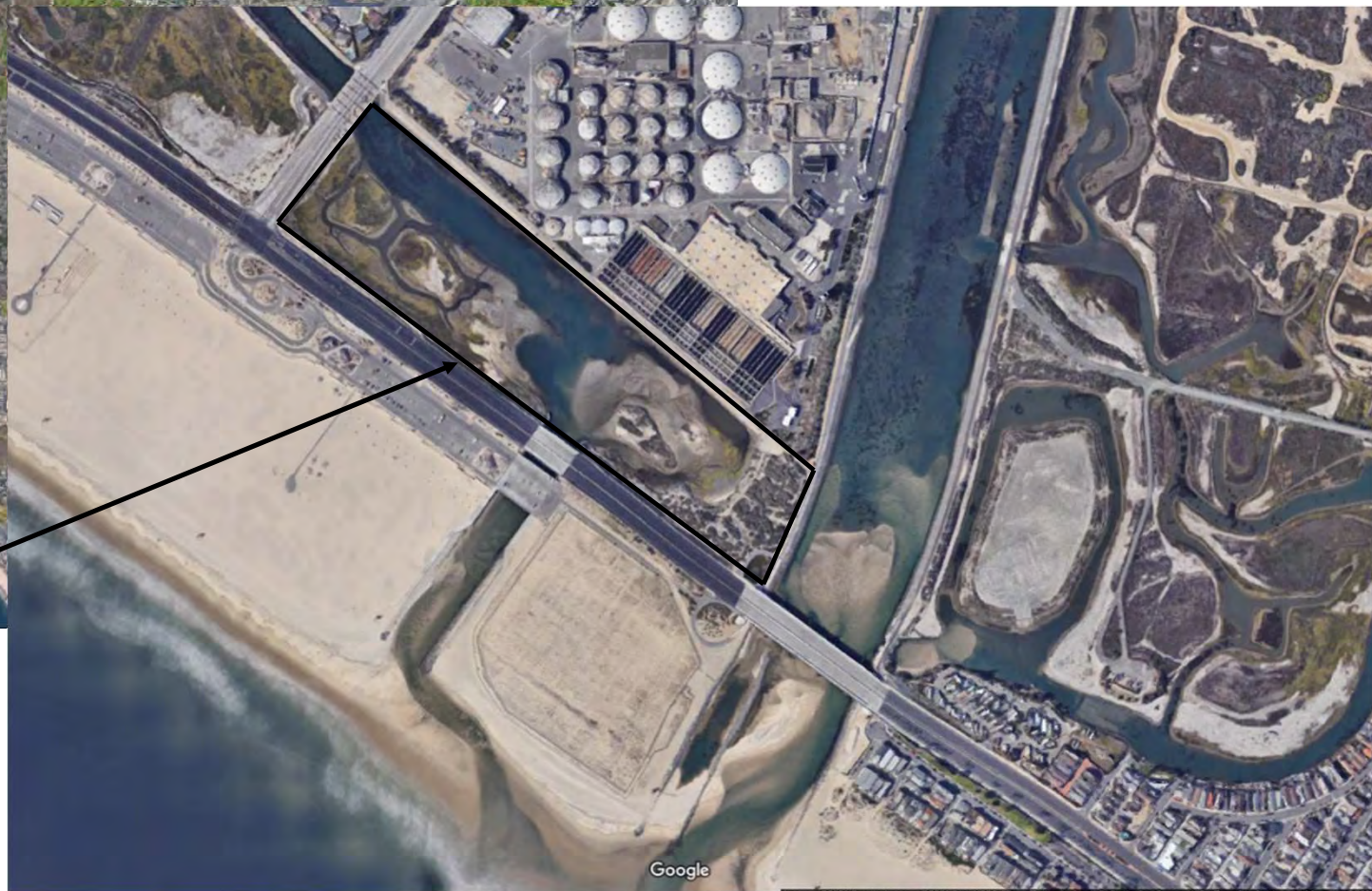
### EXHIBITS

- Exhibit 1 – Vicinity Map
- Exhibit 2 – Project Footprint
- Exhibit 3 – Site Topography Map
- Exhibit 4 – Project Plans
- Exhibit 5 – Marsh Planting Plan
- Exhibit 6 – Vegetation Alliances Map
- Exhibit 7 – Wetland Delineation Map
- Exhibit 8 – Special Status Species Map
- Exhibit 9 – Erosion Maps
- Exhibit 10 – View of the Talbert Multi-Use Public Access Path

**5-20-0348 HBWC  
Vicinity Map  
Exhibit 1a**



Talbert Marsh





Santa Ana River Trail Bikeway

Talbert Multi-Use Public Access Path

**5-20-0348 HBWC  
Vicinity Map  
Exhibit 1b**



5-20-0348 HBWC  
Vicinity Map  
Proposed Project Phases  
Exhibit 1c



Six Foot Wide Access Path to be Hydro-Seeded (except for one foot) following project construction

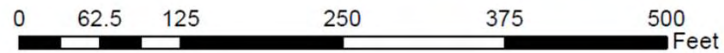
Esri, HERE, Garmin, © OpenStreetMap contributors, and the GIS user community. Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

## Project Site

 Project Boundary



Talbert Marsh - Huntington Beach, CA



**5-20-0348**  
**Project Footprint**  
**Exhibit 2**



**LEGEND**

- EXISTING GUARDRAIL
- EXISTING TRAIL
- EXISTING DRAINAGE
- EXISTING POWER POLE

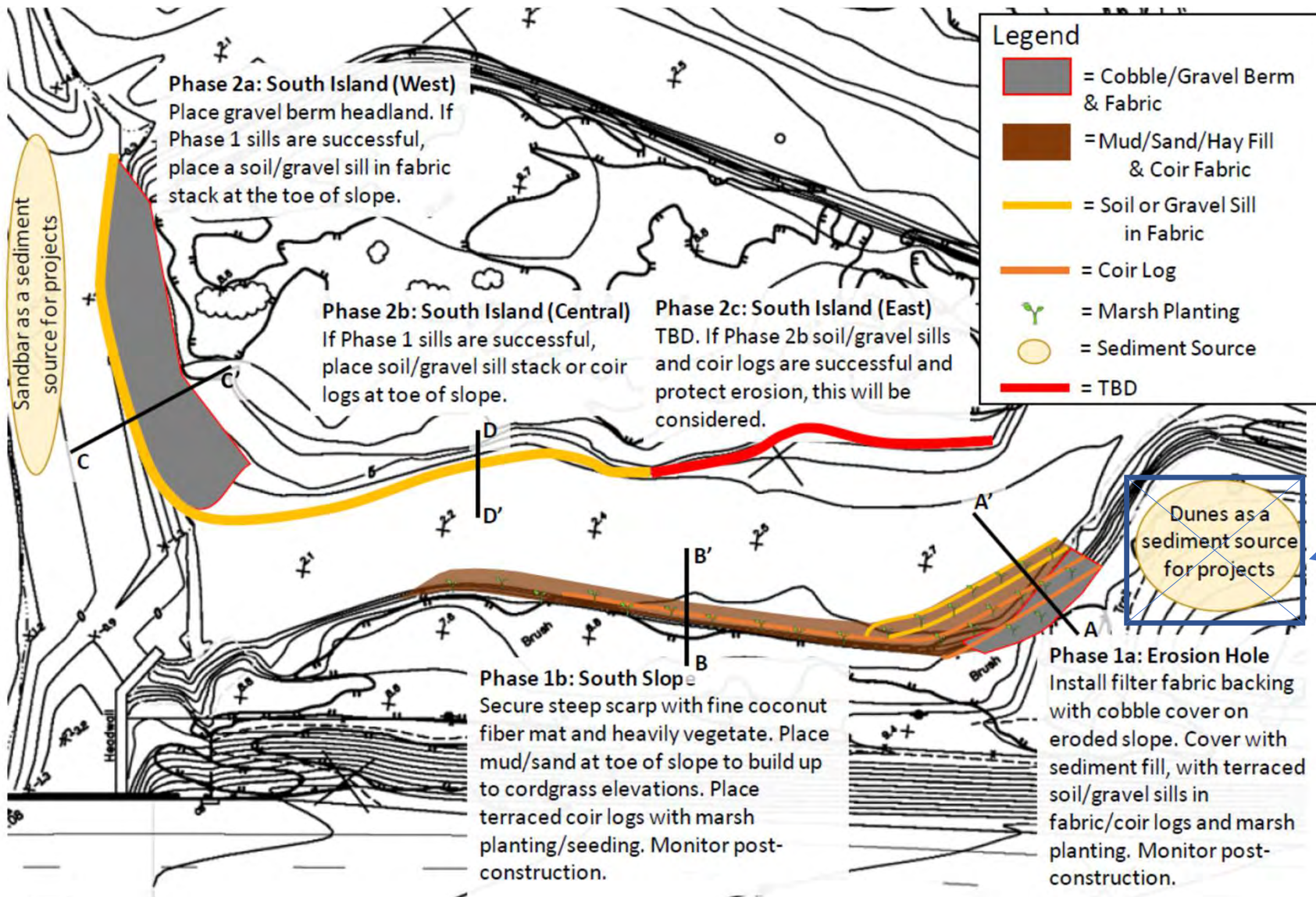
**NOTES**

1. THE MAXIMUM LENGTH PER NWP 54 IS NO MORE THAN 500 FEET ALONG THE BANK
2. TOPOGRAPHIC SOURCE: 2014 USACE NATIONAL COASTAL MAPPING PROGRAM (DATES FLOWN: SEPTEMBER 8, 2014 - OCTOBER 5, 2014)
3. CONTOUR INTERVAL = 1 FOOT.
4. CONTOUR ELEVATIONS ARE IN REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM OF 1985.



		DRAWING SCALE: (AS SHOWN) BASED ON 22"x34" DRAWING	
		PROJECT SUB-CONSULTANT LOGS AND PFD HERE	
Prepared by: Date:	Checked by: Date:	PROJECT TITLE: SHEET NO.:	SHEET REFERENCE NUMBER: SHEET OF##
Drawn by: Date:	Checked by: Date:	TALENT WASH LANE SHOULDER PROJECT (SHEETS 1-10)	2014 TOPOGRAPHIC SURVEY SOUTHEAST TALENT WASH

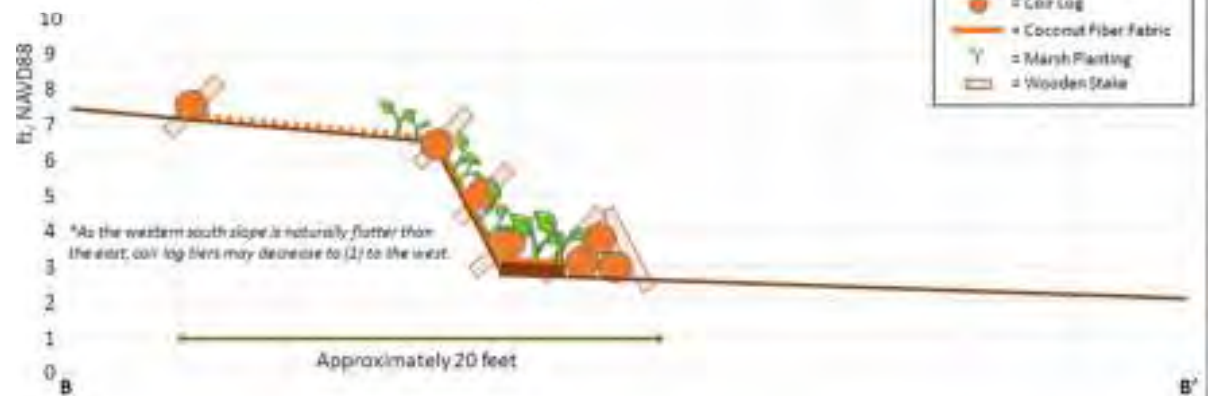
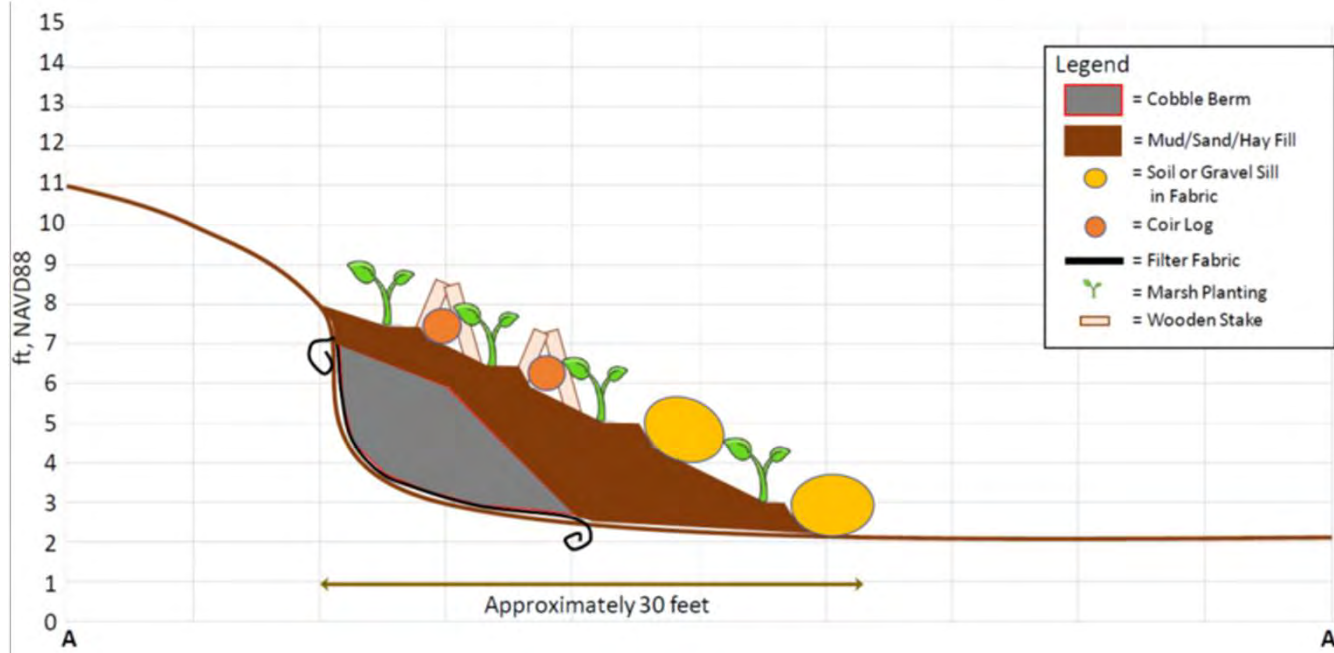
**5-20-0348 HBWC  
Topo Map  
Exhibit 3**



To be deleted per Special Condition No. 4.A & B

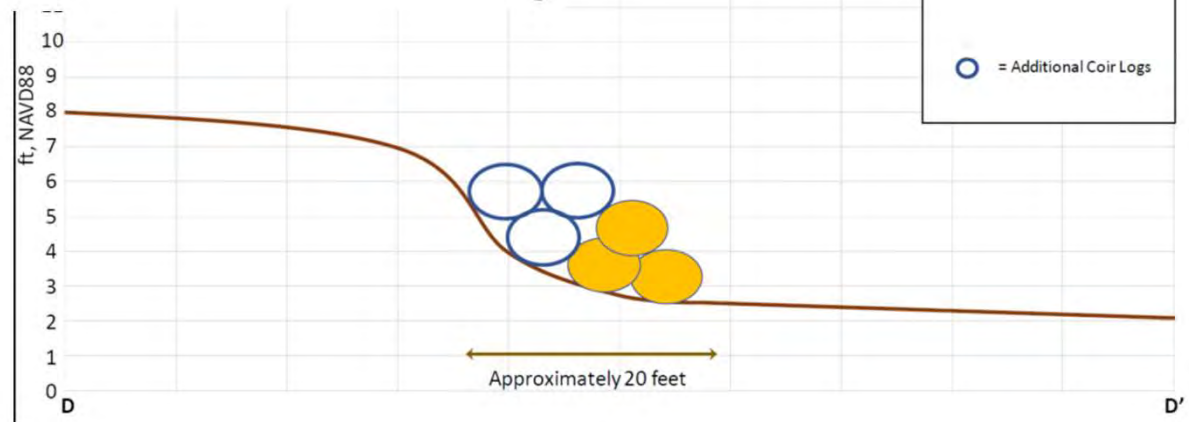
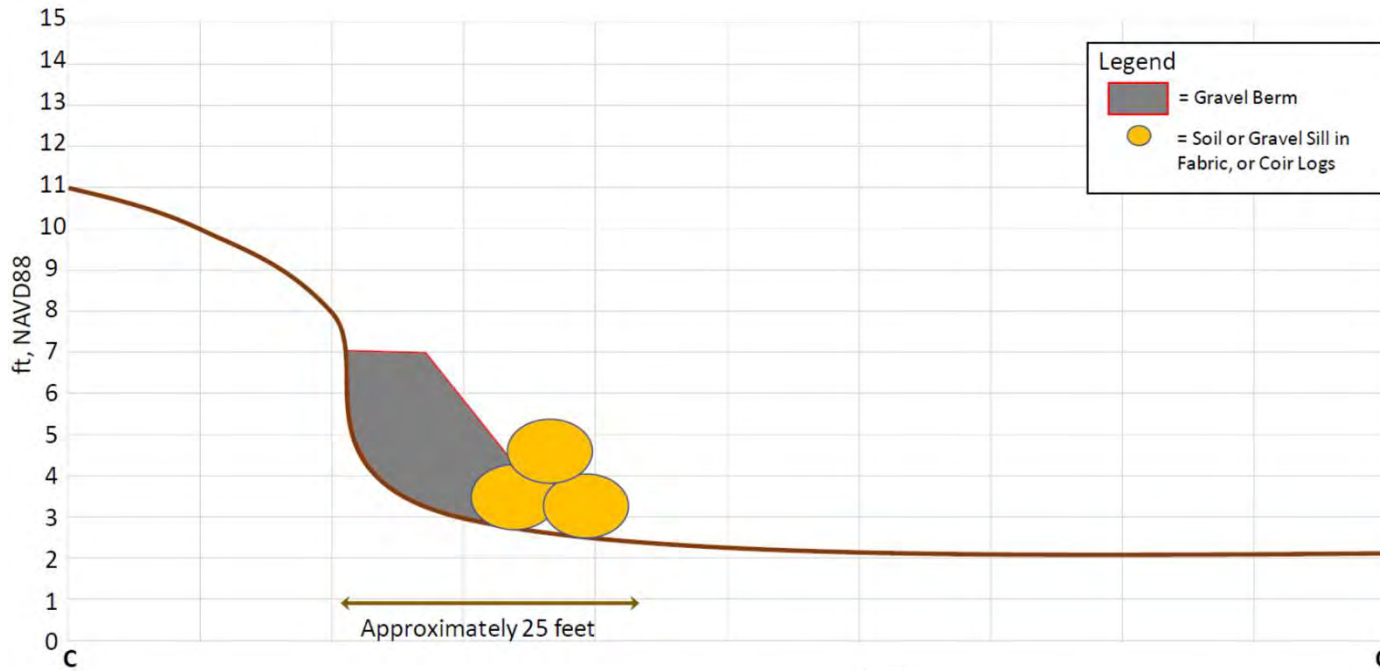
5-20-0348 HBWC  
Conceptual Plan  
Exhibit 4a

5-20-0348 HBWC  
 Conceptual Plan  
 X-Sections A-A'; B-B'  
 Exhibit 4b





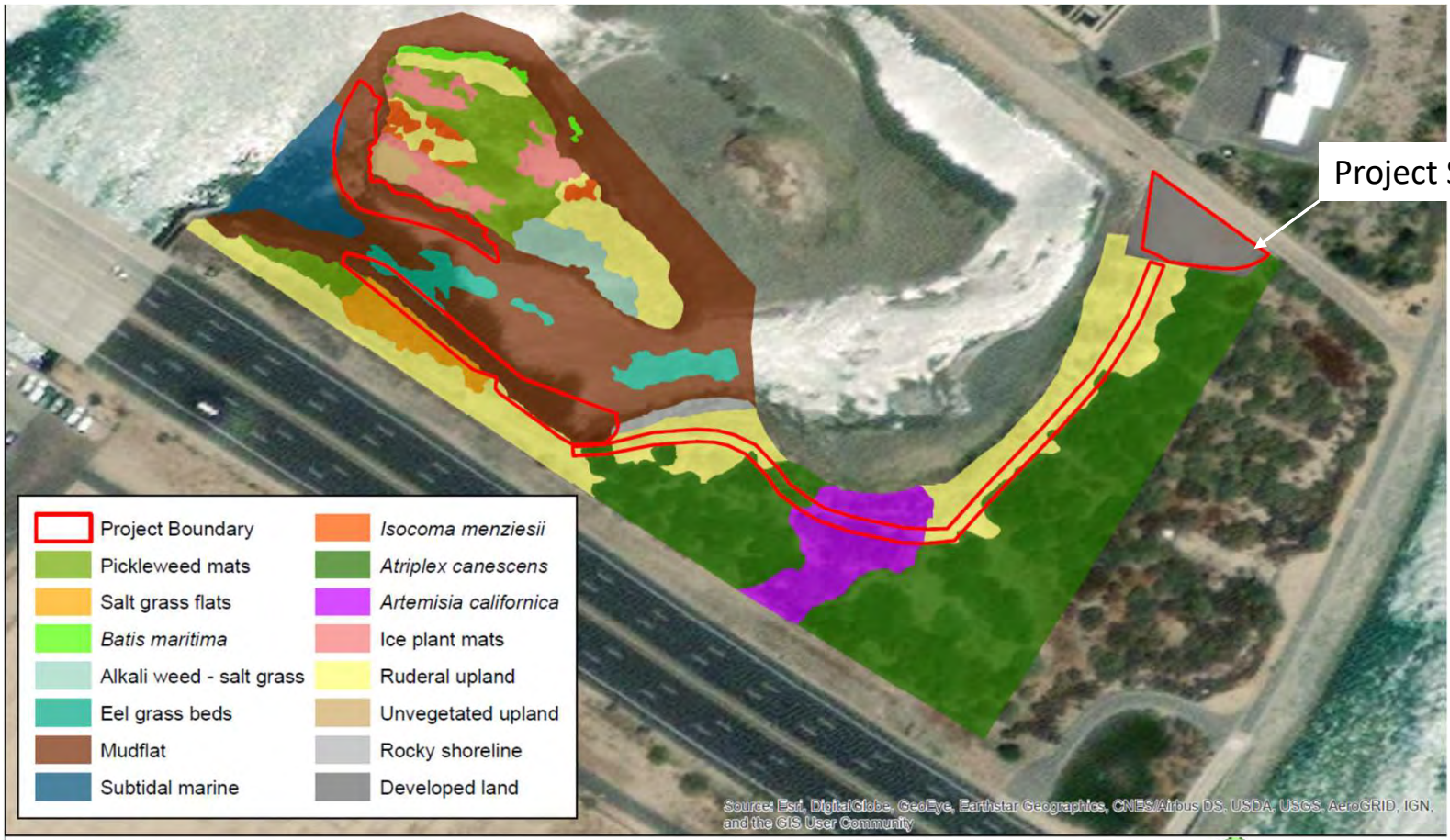
**5-20-0348 HBWC  
Conceptual Plan  
X-Sections C-C'; D-D'  
Exhibit 4c**



# Talbert Marsh Living Shoreline Project



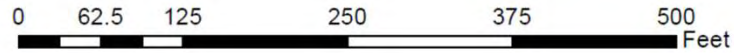
5-20-0348 Talbert Marsh  
Marsh Planting Plan  
Exhibit 5



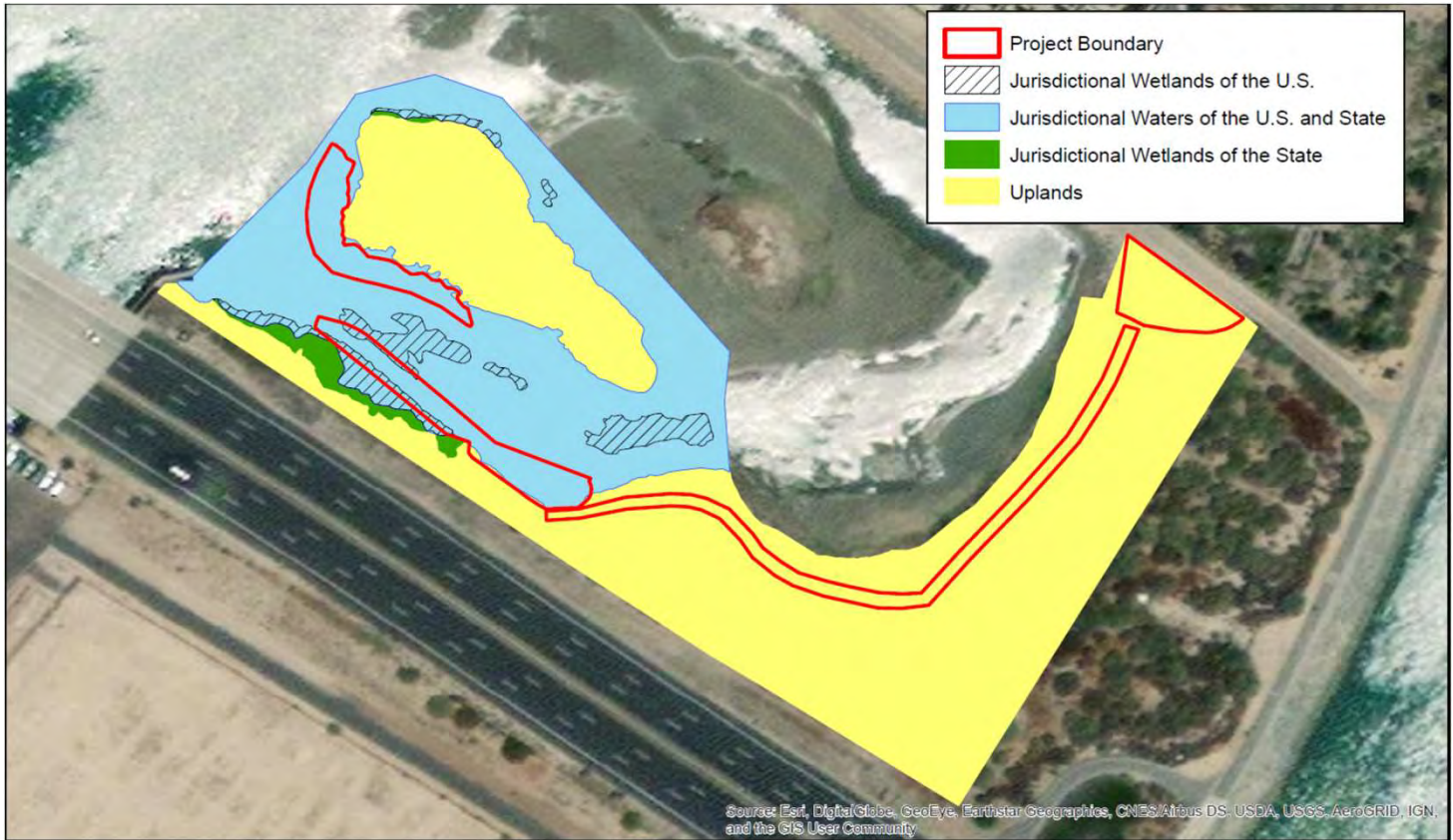
## Vegetation Alliances



Talbert Marsh - Huntington Beach, CA



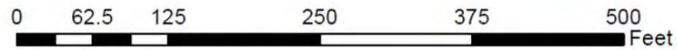
5-20-0348 HBWC  
Existing Vegetation  
Alliances Map  
Exhibit 6



## Jurisdictional Wetlands Delineation



Talbert Marsh - Huntington Beach, CA



**5-20-0348 HBWC  
Wetlands Delineation Map  
Southeast Quadrant of  
Talbert Marsh  
Exhibit 7**

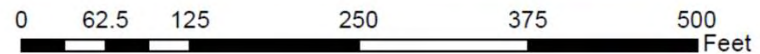


## Special Status Species

- Project Boundary
- Suaeda esteroa*
- Least tern foraging sites
- Suaeda taxifolia*



Talbert Marsh - Huntington Beach, CA



**5-20-0348 HBWC  
Special Status Species  
Location  
Exhibit 8**



Figure 4: Erosion of The Islands From 2004 To 2016

5-20-0348 HBWC  
Erosion of North & South Islands  
2004 to 2016  
Moffatt & Nichol, 12/9/2019 Erosion Report  
Exhibit 9a



Figure 1 - Talbert Marsh Reaches

5-20-0348 HBWC  
 Southeast Shoreline  
 2014 vs 2016  
 Moffatt & Nichol, 6/30/2016 Erosion Report  
 Exhibit 9b



Talbert Multi-Use Trail

Talbert Marsh

View of Talbert Marsh and Multi-Use Public Access Path from Brookhurst St. Bridge