



Southern Los Cerritos Wetlands Restoration Project Public Meeting #2

**January 25, 2023
6:00 p.m. – 7:00 p.m.**

Welcome



Public Meeting Format



Los Cerritos Wetlands Authority

- There will be various opportunities in this meeting to ask questions
- Direct your questions and comments to the presenters, not other community members
 - Interact respectfully, no cross talk
 - Turn off or silence cell phones

Public Meeting Agenda



- Southern LCW Restoration Project
- Public Meeting 1 Summary*
- Design Update*
- CEQA Approach and Permitting*
- Next Steps

* = Breaks for Q&A

Southern Los Cerritos Wetlands Restoration Project



Los Cerritos Wetlands Authority

- Formed in 2006
- Comprised of the City of Seal Beach, City of Long Beach, State Coastal Conservancy, and Rivers and Mountains Conservancy
- Promotes protection, restoration, conservation, and management of the Los Cerritos Wetlands



Los Cerritos Wetlands Authority

Restoration Planning Background

Conceptual LCW
Restoration Plan,
(August 2015)



LCW Restoration Plan
Program EIR,
(January 2021)



LCW Habitat
Restoration
Plan, (July
2021)

LOS CERRITOS WETLANDS FINAL CONCEPTUAL RESTORATION PLAN



Prepared for:
Los Cerritos Wetlands Authority
100 North Old San Gabriel Canyon Road
Azusa, CA 91702

Prepared by:
Moffatt & Nichol
3780 Kilroy Airport Way, Suite 600
Long Beach, CA 90806

In Association With
Tidal Influence, Everest International Consultants, Coastal Restoration Consultants, New West
Land, Chambers Group, Inc., Kinetic Laboratories, Inc., Livable Communities

August 2015

M&N Job 7476

LOS CERRITOS WETLANDS RESTORATION PLAN

Final Program Environmental Impact Report
State Clearinghouse Number: 2019039050

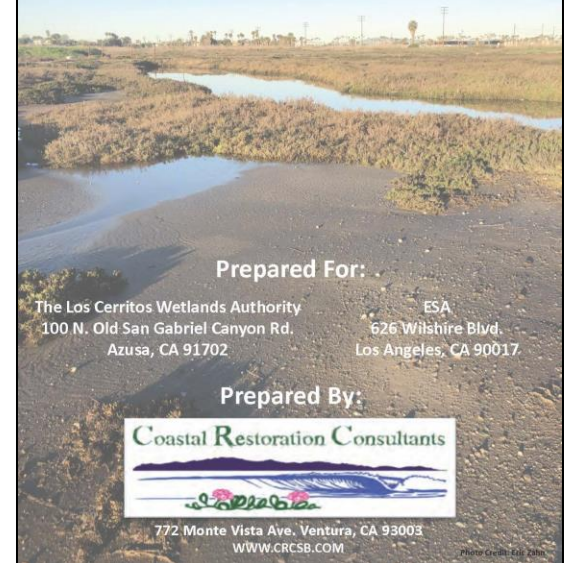
Prepared for
Los Cerritos Wetlands Authority

October 2020



The Los Cerritos Wetlands Habitat Restoration Plan

May 26, 2021



Prepared For:

The Los Cerritos Wetlands Authority
100 N. Old San Gabriel Canyon Rd.
Azusa, CA 91702

ESA
626 Wilshire Blvd.
Los Angeles, CA 90017

Prepared By:



772 Monte Vista Ave., Ventura, CA 93003
WWW.CRCSB.COM

Photo Credit: E&J 2016

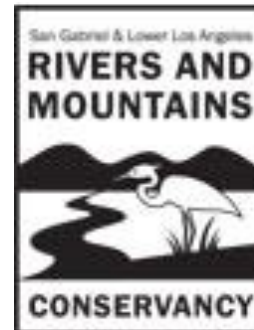
Restoration Planning Background

Los Cerritos Wetlands Restoration Plan Program
Environmental Impact Report, (pg. 2-3):

“Future phases of restoration would involve identifying individual projects, performing required analysis and field surveys (i.e. wetland delineations, habitat surveys, archaeological and cultural surveys, soil samples, etc.), engaging stakeholders, and developing more detailed, project-level designs (i.e. engineering designs, grading plans).”

Grant Funding

- In January 2021, grant funding was received to initiate the next stage of project level restoration planning for the Southern LCW Restoration Project
 - Complete necessary technical studies
 - Produce the 30% and 65% construction design plans
 - Produce environmental review documentation
 - Prepare permit applications
 - Conduct stakeholder outreach



Southern LCW Restoration Project Area



Public Meeting #1

Recap and Survey Results



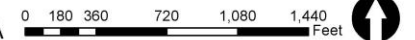
Public Meeting #1 Recap

- Virtual meeting December 7, 2021
- Introduced Southern LCW Restoration Project
- Baseline data
- Design considerations
- Next steps



Jurisdictional Wetland Delineation

Southern Los Cerritos Wetlands Area - Seal Beach, CA



- Survey Area (103.54 acres)
- Jurisdictional Waters of the U.S. (8.29 acres)
- Jurisdictional Wetland Waters of the U.S. (2.44 acres)

- Control Points
- Wetland Sampling Point
- Upland Sampling Point



Coordinate System: NAD 1983 2011
StatePlane California VI FIPS 0406 ft US
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011
Produced by Hannah Craddock
June 17, 2021
1 inch = 458 feet

Public Access Survey

Southern Los Cerritos Wetlands Restoration Project

Public Access Questionnaire
Public Meeting #1
December 7, 2021



1. What open space areas in the Alamitos Bay and/or Seal Beach areas do you most frequent (choose up to 3)?
 - a. Los Cerritos Wetlands
 - b. Colorado Lagoon
 - c. Marine Stadium
 - d. Jack Dunster Marine Reserve
 - e. Beaches
 - f. Gum Grove Park
 - g. Heron Pointe Cultural Trail
 - h. San Gabriel River bike trail
 - i. Other
2. How frequently do you recreate in the open spaces of the Alamitos Bay and/or Seal Beach areas?
 - a. 0-5 times per year
 - b. 6-10 times per year
 - c. Once a month
 - d. Several times a month
3. When you are enjoying the open space areas in the Alamitos Bay and/or Seal Beach areas, what are your top three favorite activities (choose 3).
 - a. Bird watching
 - b. Walking/hiking
 - c. Dog walking
 - d. Bicycling
 - e. Photography/art
 - f. Meditation
 - g. Cultural ceremonies
 - h. Prayer
 - i. Reading
 - j. Swimming
 - k. Running
 - l. Yoga
 - m. Sports (like a pick-up game or similar)
 - n. Clean-ups/restoration events
 - o. Other

- Multiple-choice questionnaire focusing on public access
- Accessible from LCWA website
- Survey ran 12/07/2021 - 7/15/2022
- 148 total responses
 - 3 hard copy, 145 SurveyPlanet

Survey Results - General Preferences

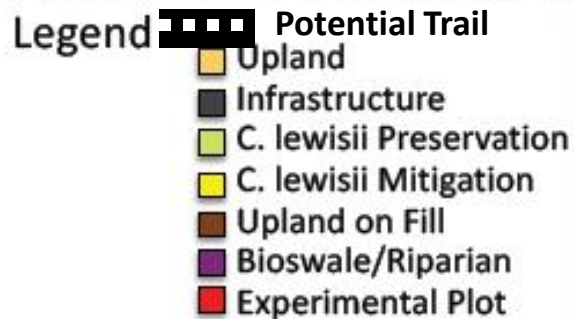
- Amenities most preferred: public trails, public restrooms, public parking
- Amenities least preferred: playground equipment, exercise equipment, and fishing areas
- Preferred trail surface is dirt
- Signage should be thoughtfully located throughout the trail system
- A docent should be monitoring the trail system only as needed

Public Access Survey - Trail Preference

- Connector Trail Alternative
- Loop Trail Alternative
- Multi-Loop Trail Alternative
- No Trail Alternative



Connector Trail Alternative



Refined Restoration Plan for the LCWA South Site

Los Cerritos Wetlands Habitat Restoration Plan

Figure 8-1

750 feet



Photo Source: Google Earth May 2019



Loop Trail Alternative



- Sub-tidal
- Tidal Channel
- Cordgrass Marsh
- Mid Marsh
- High Marsh
- Transition Zone
- Salt Panne

Legend

- Potential Trail
- Upland
- Infrastructure
- C. lewisii Preservation
- C. lewisii Mitigation
- Upland on Fill
- Bioswale/Riparian
- Experimental Plot

Refined Restoration Plan for the LCWA South Site

Los Cerritos Wetlands Habitat Restoration Plan

Figure 8-1

750 feet



Photo Source: Google Earth May 2019



Multi-Loop Trail Alternative



Legend



Potential Trail

- Sub-tidal
- Tidal Channel
- Cordgrass Marsh
- Mid Marsh
- High Marsh
- Transition Zone
- Salt Panne

- Upland
- Infrastructure
- C. lewisii Preservation
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Refined Restoration Plan for the LCWA South Site

Los Cerritos Wetlands Habitat Restoration Plan

Figure 8-1

750 feet



Photo Source: Google Earth May 2019



No Trail Alternative



- Sub-tidal
- Tidal Channel
- Cordgrass Marsh
- Mid Marsh
- High Marsh
- Transition Zone
- Salt Panne

Legend

- Upland
- Infrastructure
- C. lewisii Preservation
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Refined Restoration Plan for the LCWA South Site

Los Cerritos Wetlands Habitat Restoration Plan

Figure 8-1

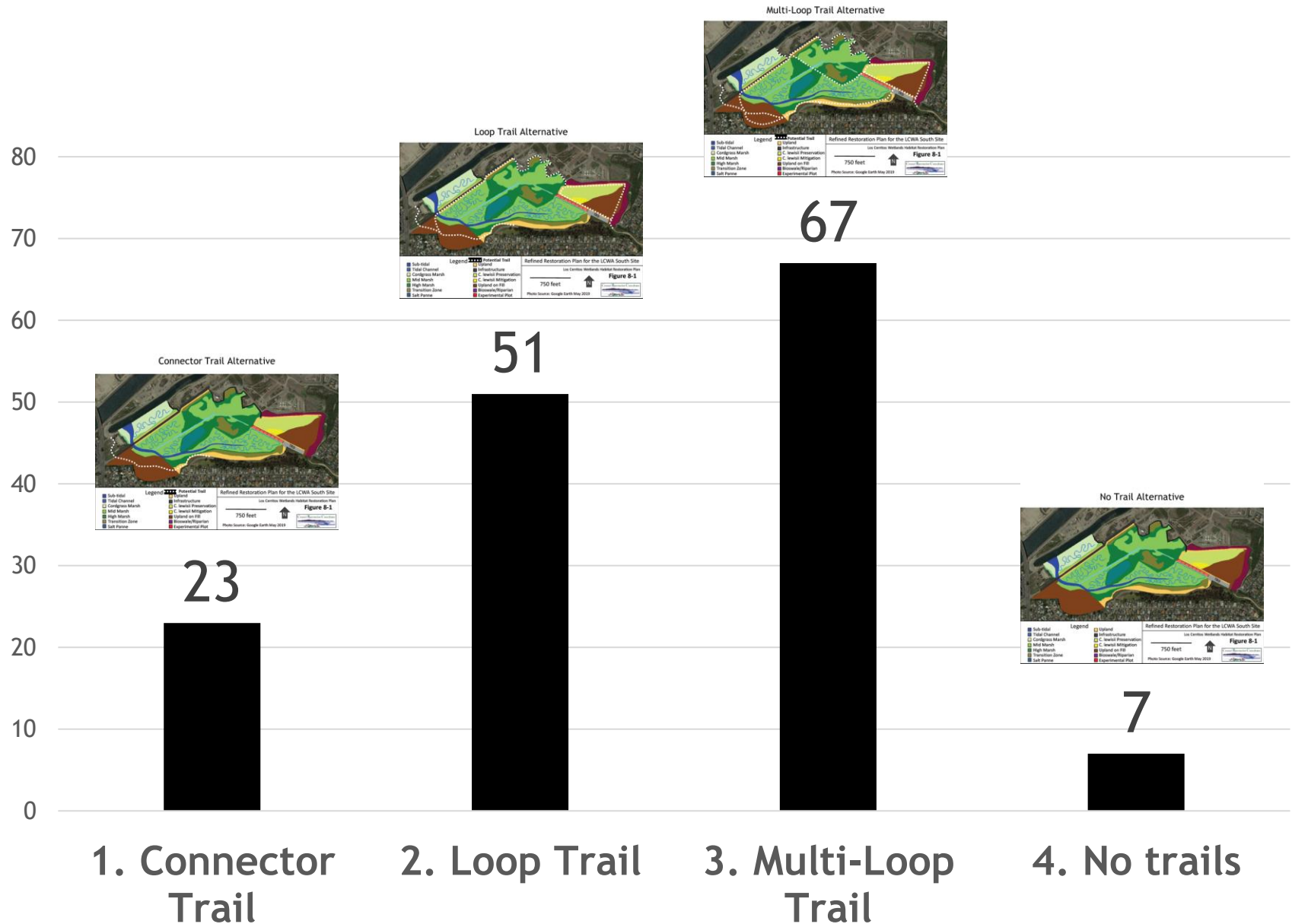
750 feet



Photo Source: Google Earth May 2019



Survey Results - Trail Preference



Public Access Design Variables

- Cost
 - Capital
 - Operations/Maintenance
- Protection of Sensitive Habitat
- ADA Compliance
- Community Connectivity
- Site Security
- Neighboring Land Uses
- Allowable Use Compatibility
- Public Opinion



Questions?

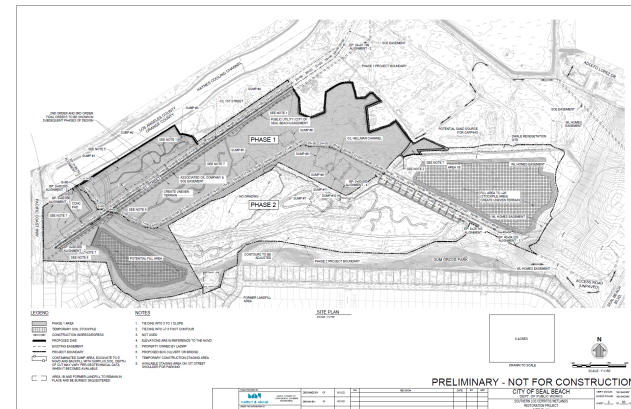
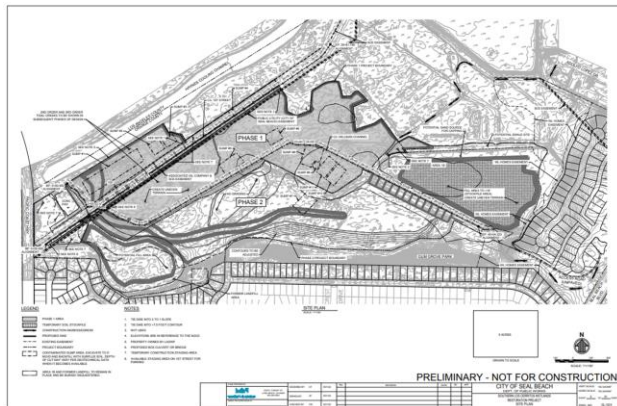


Restoration Design Update



Typical Restoration Design Steps

1. Conceptual Design
2. 30% Design (aka Preliminary Design)
3. 65% Design
4. 90% Design
5. 100% Design
6. Final Construction Documents



Refined Habitat Restoration Plan LCWA South Site



- Sub-tidal
- Tidal Channel
- Cordgrass Marsh
- Mid Marsh
- High Marsh
- Transition Zone
- Salt Panne

Legend

- Upland
- Infrastructure
- C. lewisii Preservation
- C. lewisii Mitigation
- Upland on Fill
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Refined Restoration Plan for the LCWA South Site

Los Cerritos Wetlands Habitat Restoration Plan

Figure 8-1

750 feet



Photo Source: Google Earth May 2019



Preliminary Design

- Completed the 30% Design in September 2022
- Focused on Site Grading Plan
- Analyzed Tidal Hydrology
- Investigated Potential Constraints
 - Soils Investigation
 - Archaeology/Paleontological/Cultural Resources
 - Biological Resources/Jurisdictional Wetlands
- Coordinated Design with Tribal Advisory Group



65% Design

- Currently Preparing the 65% Engineering Designs that will include
 - Demolition plans
 - Planting plans
 - Experimental plot design
 - Initial bridge design
- Updating All Related Efforts:
 - Tidal hydrology modeling
 - Grading and Earthwork plan

INDEX TO PROJECT DRAWINGS	
SHEET NO.	SHEET TITLE
CD-01	TITLE SHEET
CD-01	KEY PLAN
CD-02	PARASING PLANS (SHEET 1 OF 2)
CD-03	PARASING PLANS (SHEET 2 OF 2)
CD-04	DEMOLITION KEY PLAN
CD-01	DEMOLITION PLAN - AREA 1
CD-02	DEMOLITION PLAN - AREA 2
CD-03	DEMOLITION PLAN - AREA 3
CD-04	DEMOLITION PLAN - AREA 4
CD-05	DEMOLITION PLAN - AREA 5
CD-06	DEMOLITION PLAN - AREA 6
CD-07	DEMOLITION PLAN - AREA 7
CD-08	DEMOLITION PLAN - AREA 8
CD-09	DEMOLITION PLAN - AREA 9
CD-10	DEMOLITION PLAN - AREA 10
CD-11	DEMOLITION PLAN - AREA 11
CD-12	DEMOLITION PLAN - AREA 12
CD-01	GRAZING PLAN - AREA 1
CD-02	GRAZING PLAN - AREA 2
CD-03	GRAZING PLAN - AREA 3
CD-04	GRAZING PLAN - AREA 4
CD-05	GRAZING PLAN - AREA 5
CD-06	GRAZING PLAN - AREA 6
CD-07	GRAZING PLAN - AREA 7
CD-08	GRAZING PLAN - AREA 8
CD-09	GRAZING PLAN - AREA 9
CD-10	GRAZING PLAN - AREA 10
CD-11	GRAZING PLAN - AREA 11
CD-12	GRAZING PLAN - AREA 12
C-300	CROSS SECTIONS - KEY PLAN
C-301	CROSS SECTIONS - AREA 1
C-302	CROSS SECTIONS - AREA 2
C-303	CROSS SECTIONS - AREA 3
B-101	SOIL BORINGS (SHEET 1 OF 4)
B-102	SOIL BORINGS (SHEET 2 OF 4)
B-103	SOIL BORINGS (SHEET 3 OF 4)
B-104	SOIL BORINGS (SHEET 4 OF 4)
CD-05	CONTAMINATED AREAS - AREA 1
CD-02	CONTAMINATED AREAS - AREA 2
CD-03	CONTAMINATED AREAS - AREA 3
CD-04	CONTAMINATED AREAS - AREA 4
CD-05	CONTAMINATED AREAS - AREA 5
CD-06	CONTAMINATED AREAS - AREA 6
CD-07	CONTAMINATED AREAS - AREA 7
CD-08	CONTAMINATED AREAS - AREA 8
CD-09	CONTAMINATED AREAS - AREA 9
CD-10	CONTAMINATED AREAS - AREA 10
CD-11	CONTAMINATED AREAS - AREA 11
CD-12	CONTAMINATED AREAS - AREA 12
CD-01	UTILITY MANAGEMENT PLAN
CD-01	UTILITY RELOCATION PLAN



APPROVED: _____ DATE: _____
STEVE MYRTER, P.E., PUBLIC WORKS DIRECTOR

APPROVED: _____ DATE: _____
IRIS LEE, P.E., DEPUTY PUBLIC WORKS DIRECTOR / CITY ENGINEER



LOCATION MAP

(IN ADDITION TO GREENBOOK SECTION 1-3.2)

[illegible]

100



1. ALL WORK SHALL CONFORM:

1. ALL WORK SHALL CONFORM TO THE STANDARD PLANS AND SPECIFICATIONS OF THE CITY OF SICAL BEACH, STANDARD PLANS AND SPECIFICATIONS FOR PUBLIC UTILITIES, DIVISION OF UTILITIES, CITY OF SICAL BEACH, LATEST EDITION, AND THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION LATEST EDITION.
2. THE CONTRACTOR SHALL USE PROPER TRAFFIC CONTROL AS REQUIRED BY THE STANDARD PLANS.
3. THE CONTRACTOR AGREES THAT THEY SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF THE CONSTRUCTION OF THIS PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. AND THE REGULATION OF TRAFFIC. THE CONTRACTOR SHALL NOT BE LIABLE TO WORKERS, WORKERS OWNERS, OR THE CITY. AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORKERS AND THE CITY. THE CONTRACTOR SHALL BE RESPONSIBLE AND ALL LIABILITY RUN OR ALLEGED IN CONNECTION WITH THE WORK. AND THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LIABILITY ARISING FROM SUCH NEGLIGENCE OF THE CITY OR ITS EMPLOYEES.
4. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL BE RESPONSIBLE FOR NOTIFYING THE CITY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORK.
5. AT NO TIME WILL ANY BUSINESS OR RESIDENCE BE WITHOUT ACCESS UNLESS OTHERS OTHERWISE APPROVED BY THE CITY.
6. ALL EXISTING IMPROVEMENTS SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE OTHERWISE APPROVED BY THE CITY.
7. COORDINATE WITH OWNER OF ANY UTILITY OR OBSTRUCTION PRIOR TO BEING BUILT OR REMOVED ANY SUCH THINGS.
8. WORK SHALL BE LIMITED BETWEEN 7:30 AM AND 4:30 PM, UNLESS OTHERWISE APPROVED BY THE CITY.
9. NO STORAGE OF MATERIALS/DEBRIS IN PUBLIC RIGHT OF WAY SHALL BE ALLOWED. PROVIDE OFFSITE STORAGE/STORAGE AREA IF NECESSARY.
10. CONTRACTOR SHALL REPLACE/REPAIR IN KIND ALL LANDSCAPING AND INFRASTRUCTURE IMPROVEMENTS IMPACTED BY CONTRACT WORK OR NEW IMPROVEMENTS.
11. STATION LINES:
"ALIGNMENT" REFERS TO THE USE OF ALLIANCE CORRELATION.
"LINE" REFERS TO THE USE OF ALLIANCE CORRELATION.

BENCHMARK

EASV + X.8 P66T

SOURCE OF TOPO

FIELD SURVEY AND MAPPING BY:
MOB CONSULTING
17320 RED HILL AVE SUITE 280
IRVINE, CA 92614

CITY OF SEAL BEACH
CENTURY LINK
FRONTIER COMMUNICATIONS
MCI
SOUTHERN CALIFORNIA Edison
SOUTHERN CALIFORNIA GAS COMPANY
SPECTRUM
UNDERGROUND SERVICE ALERT (USA)



City of Seal Beach



4200 E. CONANT ST
LITCHFIELD, CA 95646
916 434-4900

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05000000	05
05000000	05

	8/31/22	
	8/31/22	
	8/31/22	

	DN

2016	2017	2018

CITY OF S
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SOUTHERN LOS CE
RESTORATI
TITLE

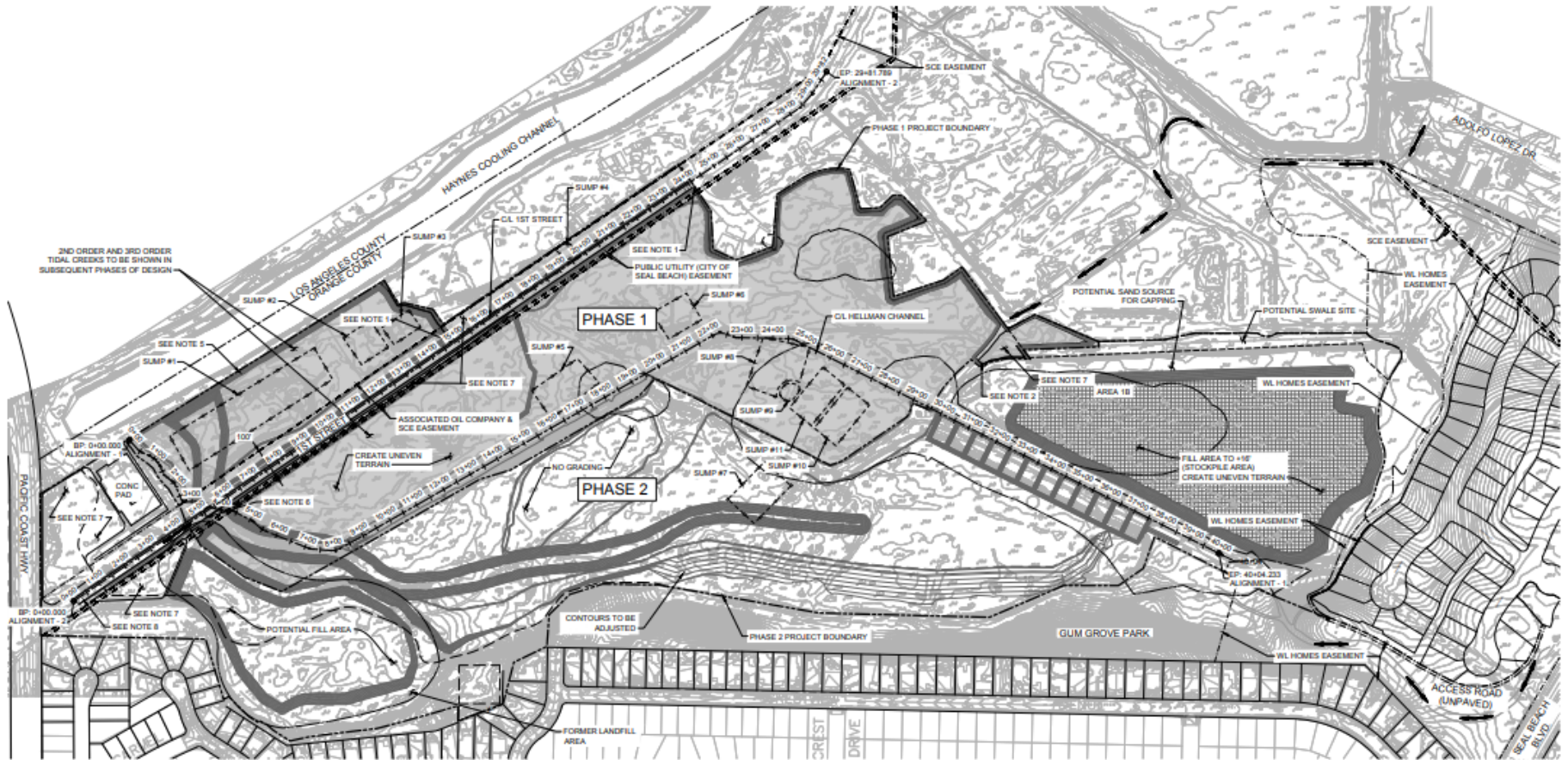
REAL BEACH
PUBLIC WORKS
ERRITOS WETLANDS
ON PROJECT
SHEET

VERT SCALE: 1/2"
HORIZ SCALE: 1/2"
SHEET 1 OF 1
DWG NO. 1

21 SHEETS

PRELIMINARY - NOT FOR CONSTRUCTION

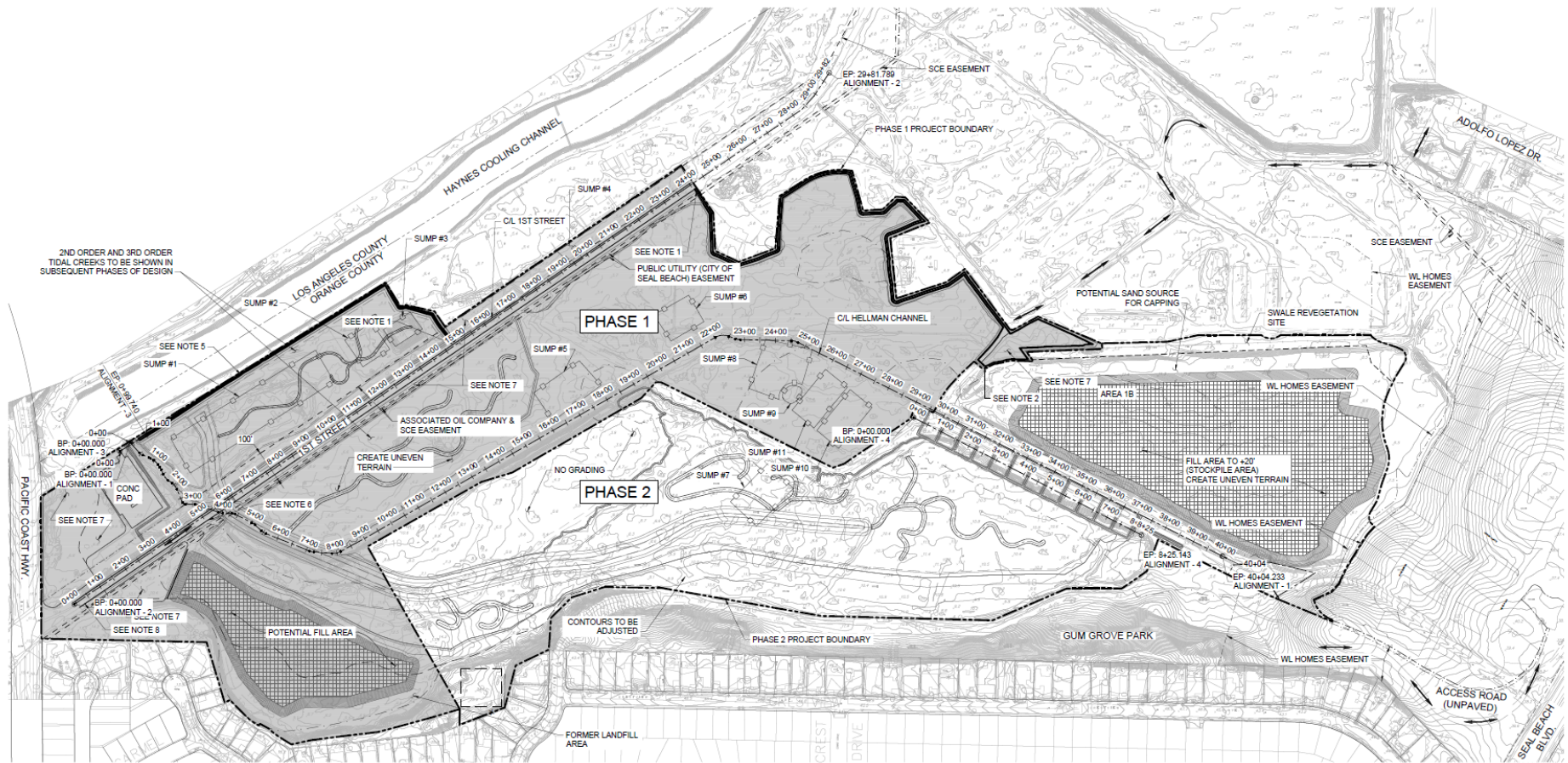
30% Design Site Plan











PRELIMINARY - NOT FOR CONSTRUCTION

	DESIGNED BY: CF	8/1/22	NO.		REVISION	DATE	BY	APP	CITY OF SEAL BEACH DEPT. OF PUBLIC WORKS SOUTHERN LOS CERRITOS WETLANDS RESTORATION PROJECT SITE PLAN	VERT. SCALE: "AS SHOWN" HORIZ. SCALE: "AS SHOWN" SHEET 2 OF 21 DWG. NO. G-101
	DRAWN BY: JB	8/1/22								
	CHECKED BY: CW	8/1/22								

65% Design Site Plan



LEGEND

-  PHASE 1 AREA
 TEMPORARY SOIL STOCKPILE
 CONSTRUCTION INGRESS/EGRESS
 PROPOSED DIKE
 EXISTING EASEMENT
 PROJECT BOUNDARY
 CONTAMINATED SUMP AREA, EXCAVATE TO 0' NGVD AND BACKFILL WITH SURPLUS SOIL. DEPTH OF CUT MAY VARY PER GEOTECHNICAL DATA WHEN IT BECOMES AVAILABLE
 AREA 1B AND FORMER LANDFILL TO REMAIN IN PLACE AND BE BURIED/SEQUESTERED.

NOTES

1. TIE DIKE INTO 3 TO 1 SLOPE
2. TIE DIKE INTO +7.5 FOOT CONTOUR
3. NOT USED
4. ELEVATIONS ARE IN REFERENCE TO THE NGVD
5. PROPERTY OWNED BY LADWP
6. PROPOSED BOX CULVERT OR BRIDGE
7. TEMPORARY CONSTRUCTION STAGING AREA
8. AVAILABLE STAGING AREA ON 1ST STREET SHOULDER FOR PARKING

SITE PLAN

SCALE: 1"=150'




DRAWN TO SCALE



0' 150' 300'

SCALE: 1"=150'

PRELIMINARY - NOT FOR CONSTRUCTION

PLANS PREPARED BY: <div> moffatt & nichol</div> <div>ADDR. E. CONANT ST. LONG BEACH, CA 90803 562-499-8800</div>		DESIGNED BY: CF	8/3/12	NO	REVISION			DATE	BY	APP	<div>CITY OF SEAL BEACH</div> <div>DEPT. OF PUBLIC WORKS</div> <div>SOUTHERN LOS CERRITOS WETLANDS</div> <div>RESTORATION PROJECT</div> <div>SITE PLAN</div>	VERT. SCALE: "AS SHOWN"
UNDER THE SUPERVISION OF: <div>SEE TITLE BLOCK</div>		DRAWN BY: JO	8/3/12									HORIZ. SCALE: "AS SHOWN"
		CHECKED BY: CW	8/3/12									SHEET 2 OF 63 SHEETS
											DWG. NO. G-101	

Example Salt Marsh and Transition Zone Plants



Jaumea carnosa
Fleshy jaumea



Sarcocornia pacifica
Common Pickleweed



Frankenia salina
Alkali Heath



Lycium californicum
California Box Thom



Juncus acutus
Spiny Rush



Distichlis spicata
Salt Grass

Example Upland Plants



Rhus integrifolia
Lemonade Berry



Cleome isomeris
Bladderpod



Encelia californica
Coast Sunflower



Isocoma menziesii
Coast Goldenbush



Eschscholzia californica
California Poppy



Eriogonum parvifolium
Seacliff Buckwheat

Example Trees



Quercus agrifolia
Coast Live Oak



Populus fremontii
Fremont's Cottonwood



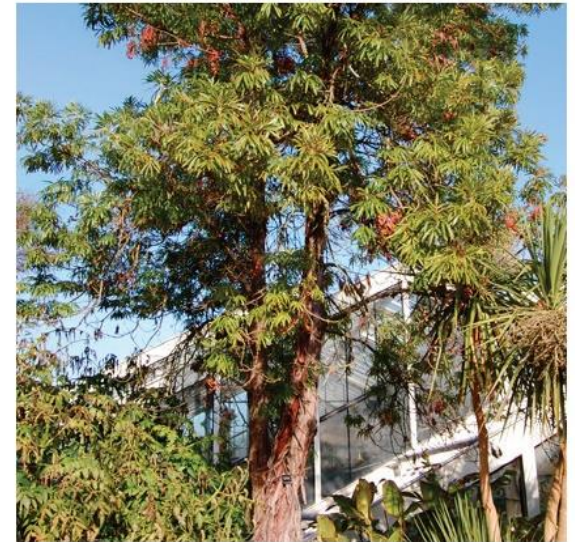
Prunus ilicifolia
Holly-leaved Cherry



Salix gooddingii
Goodding's Black Willow



Salix lasiolepis
Arroyo Willow



Lyonothamnus floribundus
Catalina Ironwood

Questions?



CEQA Approach and Permitting



PEIR Section 2.1.2

- Individual restoration projects
 - Evaluated for consistency with the LCW Restoration Plan and the goals and objectives of the PEIR Section 2.5
 - Developed with input from public agencies, tribal representatives, stakeholders, landowners, and the community
 - ***Prepare requisite environmental documentation***
 - Comply with PEIR Mitigation Monitoring and Reporting Program (MMRP)

Los Cerritos Wetlands Restoration Plan Final Program EIR

- Certified by the LCWA Board, January 2021
- Individual restoration projects can “tier” off Program EIR

LOS CERRITOS WETLANDS RESTORATION PLAN

Final Program Environmental Impact Report
State Clearinghouse Number: 2019039050

Prepared for
Los Cerritos Wetlands Authority

October 2020



Tiering

(Guidelines §15152)

- a) “Tiering” refers to using the analysis of general matters contained in a broader EIR with later EIRs or negative declarations on narrower projects; incorporating by reference the general discussions in the broader EIR; and concentrating the later EIR or negative declaration solely on the issues specific to the later project.
- b) Agencies are encouraged to tier the environmental analyses which they prepare for separate but related projects. This approach can eliminate repetitive discussions of the same issues and focus the later EIR or negative declaration on the actual issues ripe for decision at each level of environmental review.

CEQA Process for Individual Projects (PEIR Section 2.1.2)

- Is there a new significant effect and/or a substantially more severe environmental effect that was not examined in the PEIR?
 - If yes, new environmental documentation is necessary; likely Supplemental EIR or Subsequent EIR.
 - If no, new environmental documentation is not required. However, this must be documented with an Addendum to the PEIR.
 - A MND [or ND] may also be appropriate tiering document when the individual project would:
 - Be clearly consistent with and in furtherance of the adopted LCW Restoration Plan;
 - Be described and evaluated in the PEIR;
 - Not trigger the need for further environmental review pursuant to CEQA 15162

Southern LCW Restoration Project

CEQA Approach

- The LCWA will be pursuing a **Negative Declaration**
 - It was determined that an Addendum to the PEIR would be sufficient due to consistency
 - However, the LCWA wanted to provide stakeholders with a public comment period and a public meeting forum to discuss the project
 - It is anticipated that the Negative Declaration will be released in Spring 2023
- Updates will be provided through:
 - The LCWA email database
 - The LCWA's Website
 - An upcoming CEQA Public Meeting

Permits/Approvals Potentially Required

Federal

- U.S. Army Corps of Engineers
 - Includes consultations with U.S. Fish & Wildlife Service, Historic Preservation Office, and NOAA Marine Fisheries

State

- California Coastal Commission
- California Department of Fish & Wildlife
- Regional Water Quality Control Board
- California State Lands Commission

Local

- City of Seal Beach
- City of LA Department of Water and Power

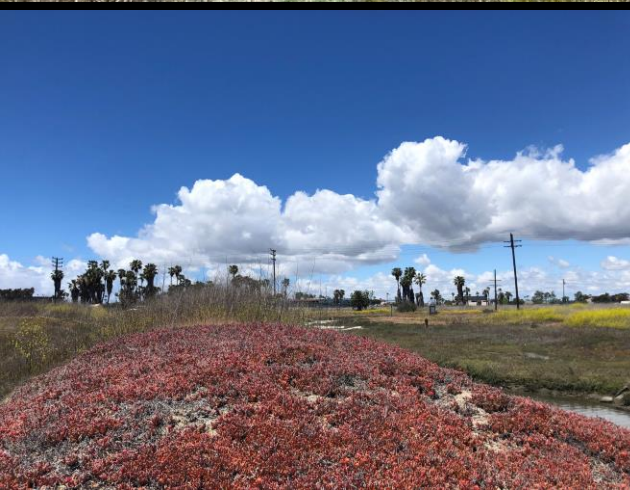
Permitting Status

- Applications completed and to be submitted to agencies soon:
 - USACE, CCC, CDFW, City of SB local agency approval
- Application to be submitted upon completion of ND:
 - Water Board
- Applications to be submitted at a later date:
 - State Lands Commission lease renewal; County of Orange, County of L.A., and City of L.A. encroachment permits; City of SB site plan review/ grading permit; SCAQMD permits to construct and operate
 - The need for permits/approvals from the latter agencies will be confirmed via further discussion with these agencies

Questions?



Next Steps



Next Steps

- Release of ND (early 2023)
- 30-day ND comment period
 - CEQA Public Meeting
- Ongoing public outreach and agency coordination
- Completion of 65% level design drawings

Additional information:
www.intoloscerritoswetlands.org

