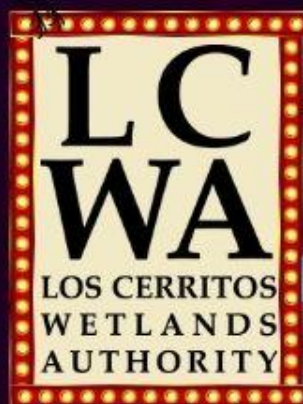


SOUTHERN LOS CERRITOS WETLANDS RESTORATION PROJECT

FINAL DESIGN

IT'S TIME FOR THE TIDES



**SEPTEMBER 30, 2025
6:30 P.M.**



STARRING

ERIC ZAHN, TIDAL INFLUENCE

SLCWRP, PROJECT MANAGER

HEATHER ALTMAN, ALTMAN ENVIRONMENTAL

SLCWRP, PUBLIC ENGAGEMENT COORDINATOR



SCRIPT

ACT 1: SET THE SCENE

ACT 2: DEFINE THE CHARACTERS

ACT 3: DEVELOP THE PLOT

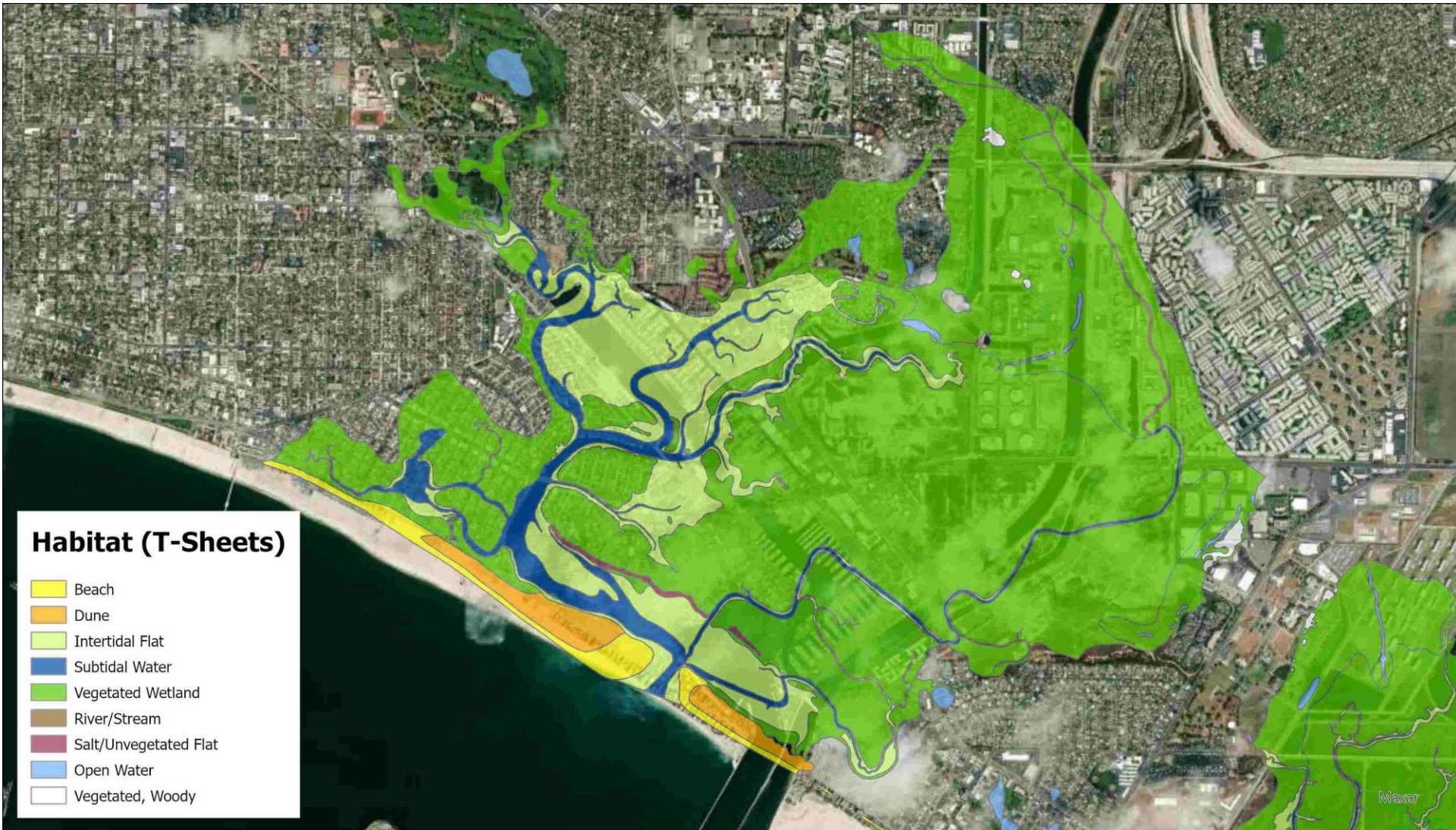
ACT 4: PREMIERE THE DESIGN!

ACT 5: BUILD A BUZZ

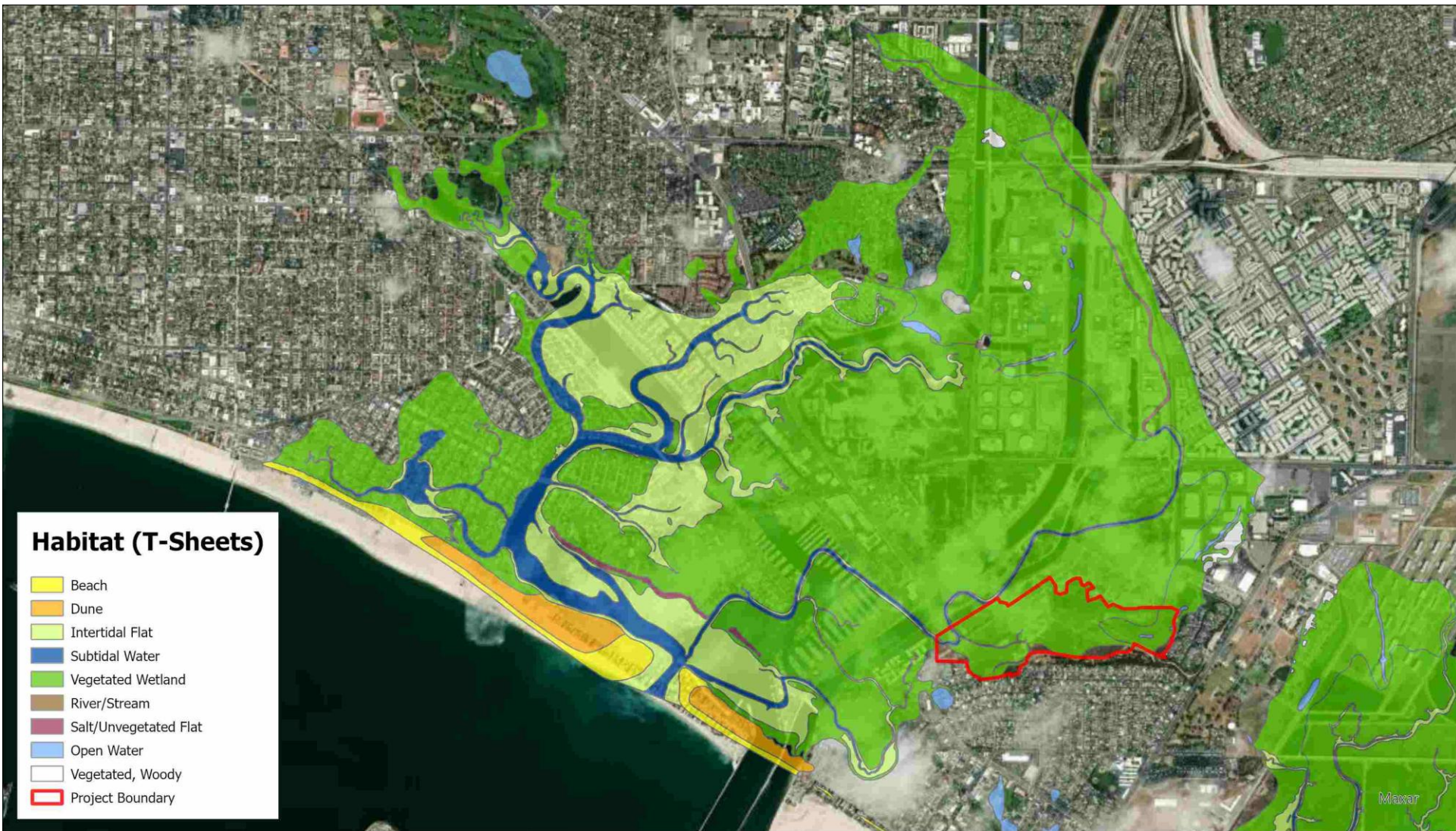
The image depicts a theatrical stage set. At the top, heavy red curtains are drawn back, revealing a dark blue night sky. A large white egret is perched on the top left corner of a central rectangular sign. Several other white birds are flying in the sky. The sign itself is cream-colored with a red border of small lights. Below the sign, a light blue river flows across the stage floor, with three clumps of green grass growing along its banks. The overall scene is set against a dark blue background.

ACT 1:
SET THE SCENE

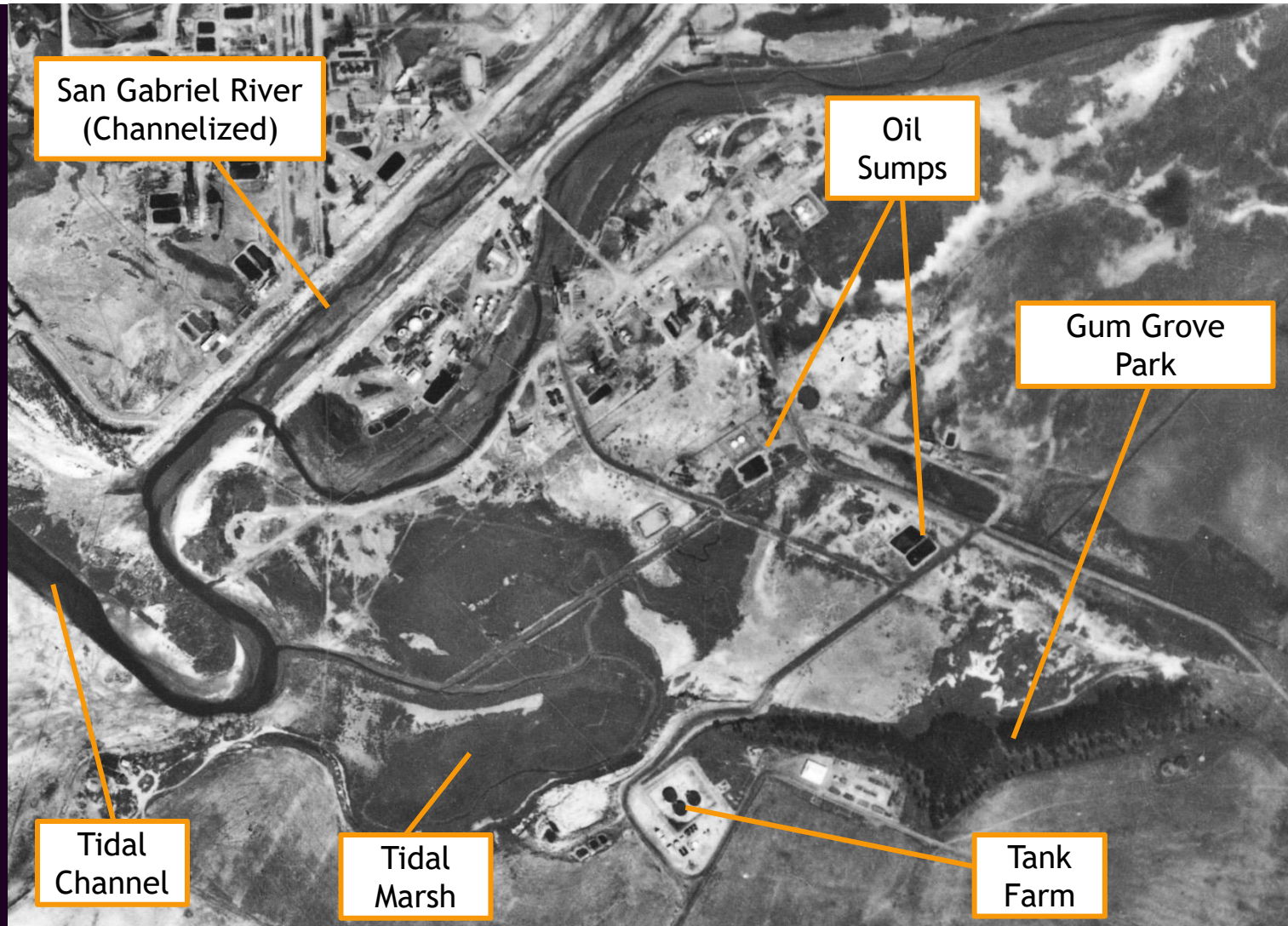
Historical Ecology late 1880s



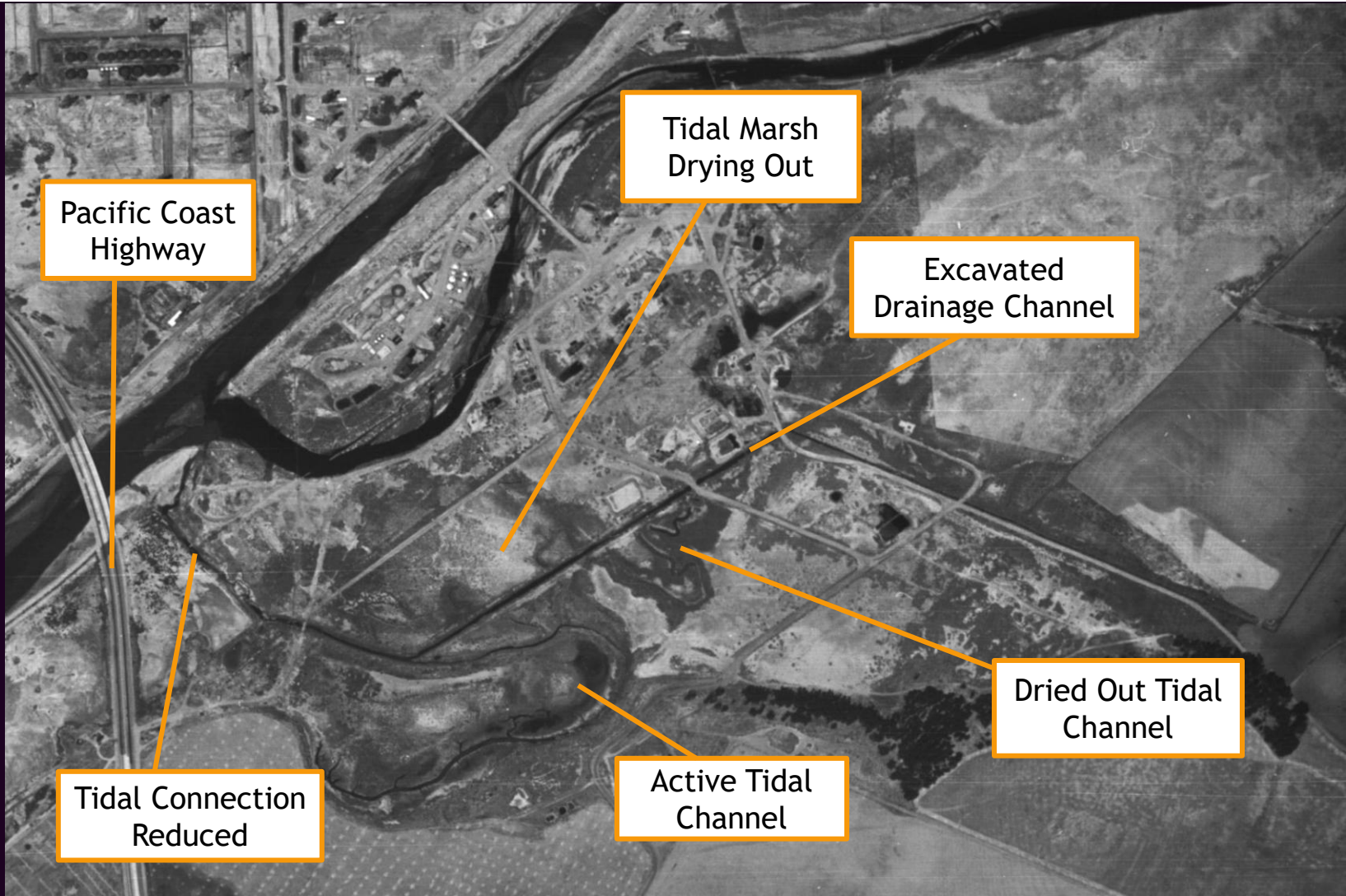
Historical Ecology, Project Area



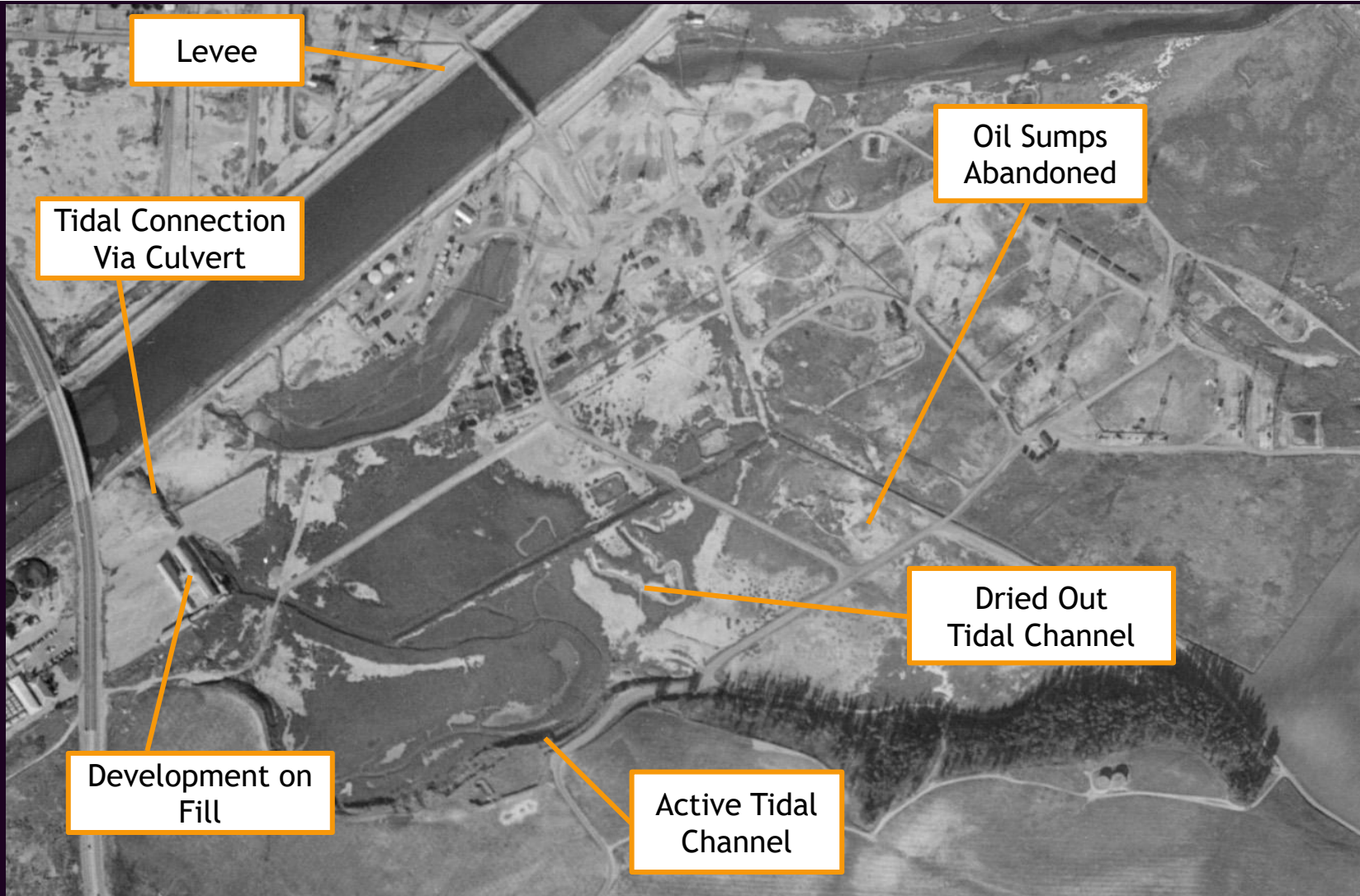
1928 Aerial



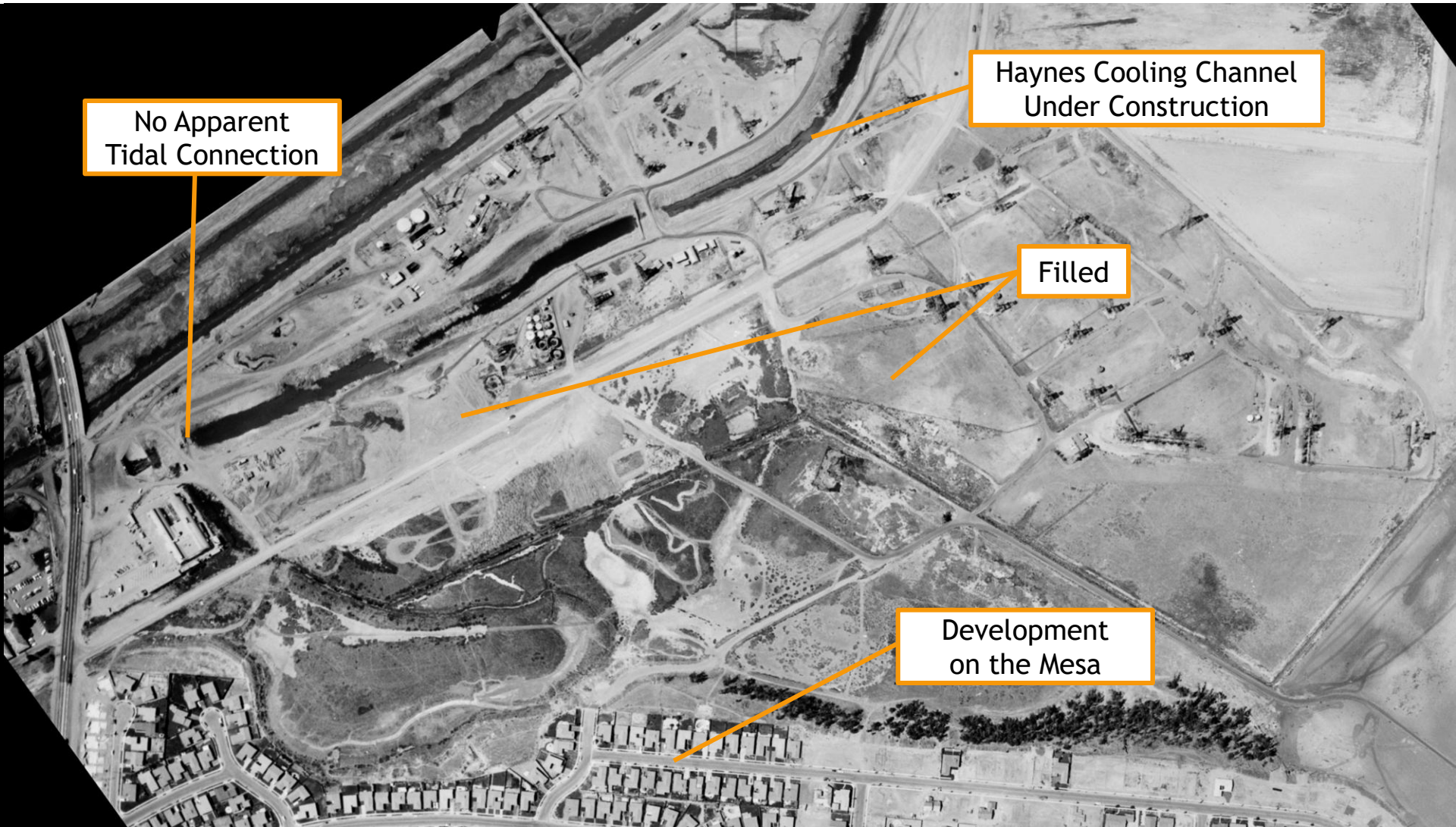
1938 Aerial



1954 Aerial



1961 Aerial



No Apparent
Tidal Connection

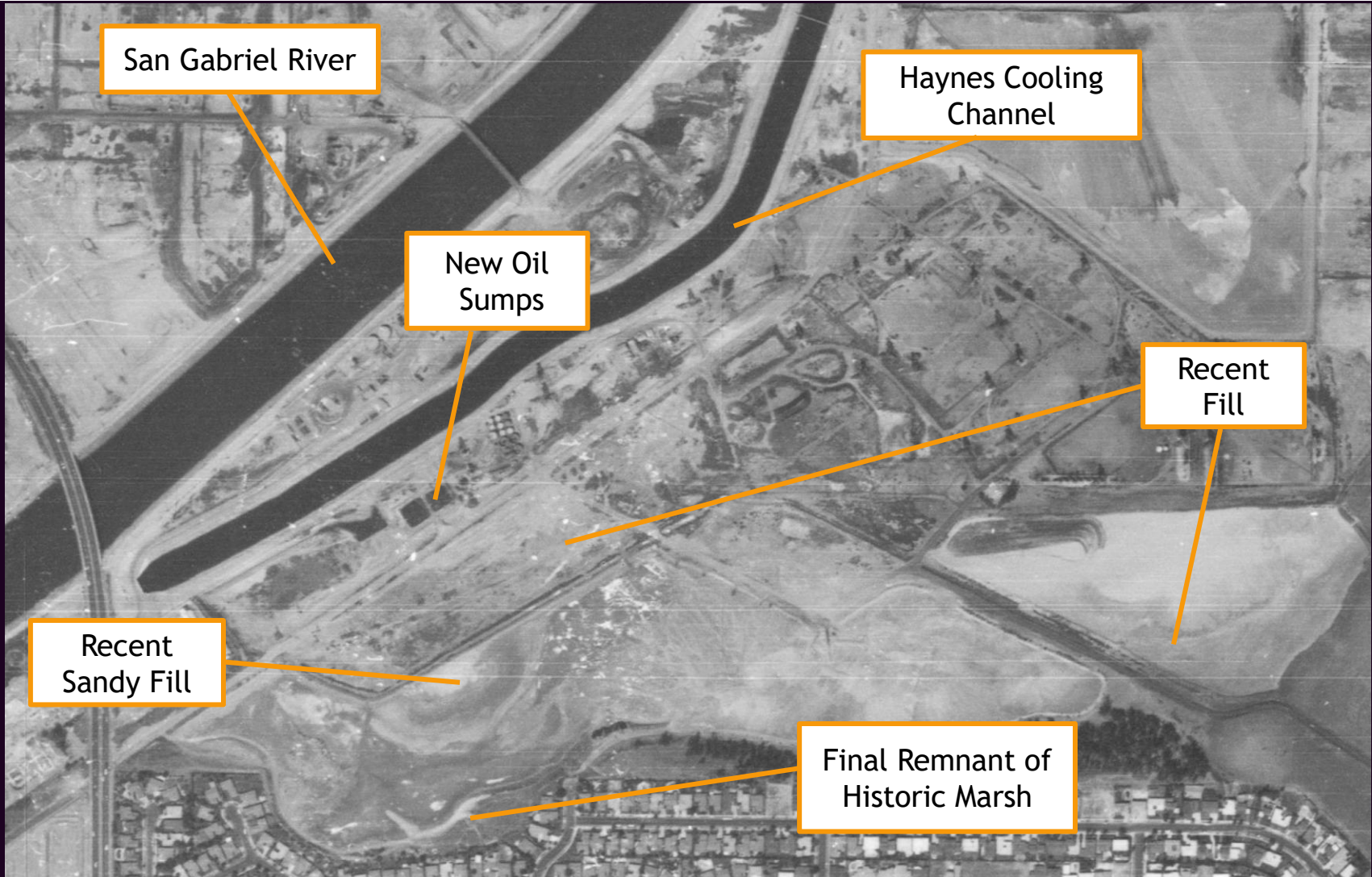
Haynes Cooling Channel
Under Construction

Filled

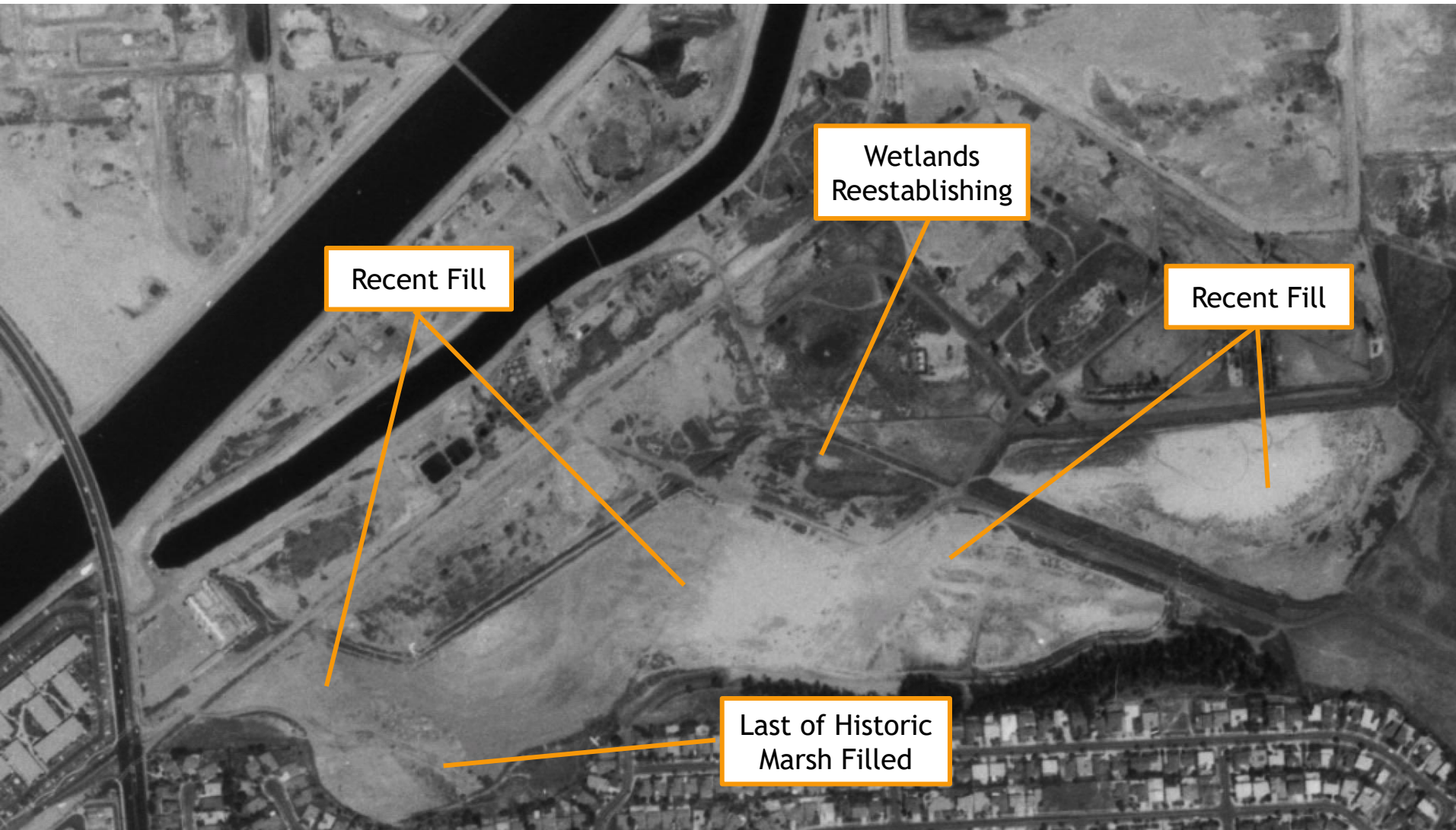
Development
on the Mesa



1968 Aerial



1972 Aerial



Late 1880s vs. Present



Program and Project Boundaries



Project Area

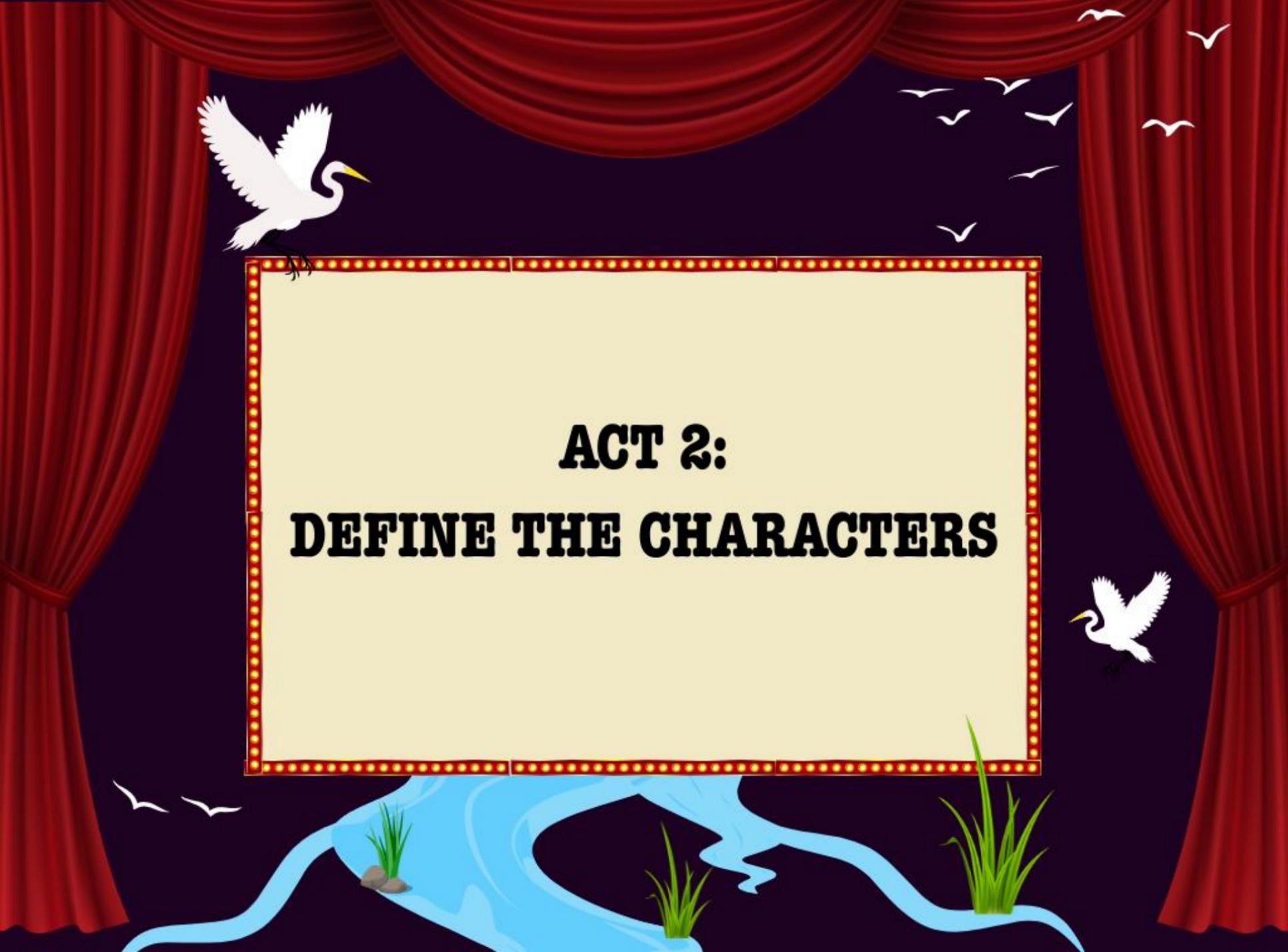


State Lands Property



LCWA Property



The image depicts a theatrical stage set. At the top, heavy red curtains are drawn back, revealing a dark blue background. A large, rectangular sign with a yellow background and a red border of small lights is centered. The sign contains the text "ACT 2:" and "DEFINE THE CHARACTERS" in bold, black, sans-serif font. Below the sign, a light blue stream flows across the stage, with three clumps of green grass growing from its banks. Several white birds are scattered throughout the scene: one is perched on the top left corner of the sign, another is in flight on the right side, and several others are flying in the dark blue background. The overall style is that of a simple, colorful illustration.

ACT 2:
DEFINE THE CHARACTERS

Los Cerritos Wetlands Authority

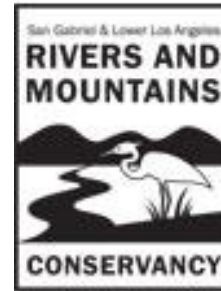


- Formed in 2006
- Promotes protection, restoration, conservation, and management of the Los Cerritos Wetlands
- Comprised of:
 - City of Seal Beach
 - City of Long Beach
 - Rivers and Mountains Conservancy
 - CA State Coastal Conservancy
- Initiated comprehensive planning in 2011

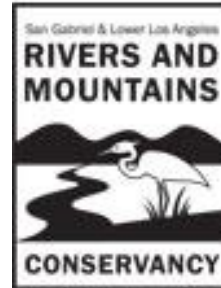


Previous Funders

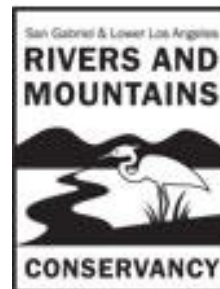
Conceptual Restoration Plan



Program EIR



65% Design of Southern LCW



Current Funders

- \$25.85 million award from CA State Coastal Conservancy
- \$6 million award from Ocean Protection Council
- \$675,000 award from AES





The Roles



Los Cerritos Wetlands Authority
Governing Board

Steering Committee
(RMC, CA Coastal Conservancy,
Cities of Long Beach, Seal Beach)

**Technical Advisory
Committee**

**Tribal Advisory
Group**

**Project
Management**

**Permitting
CEQA**

**Engineering
Design**

**Restoration
Ecology**

**Tribal
Engagement**

**Community
Engagement**



AGENCY STARS



GOVERNING BOARD

KRISTINA DUGGAN, CHAIR

JOE KALMICK, VICE CHAIR

AMY HUTZEL, BOARD MEMBER

ROBERTO URANGA, BOARD MEMBER

AGENCY STAFF

MARK STANLEY, EXECUTIVE OFFICER LCWA/RMC

CHAD OBERLY, RIVERS AND MOUNTAINS CONSERVANCY

SALLY GEE, STATE COASTAL CONSERVANCY



DESIGN TEAM STARS



TIDAL INFLUENCE

ERIC ZAHN, PROJECT MANAGER
NEYSA FRECHETTE, DEPUTY PM
MEGAN WOLFF, FIELD COORDINATOR
MARK HANNAFORD, GRANT MANAGER

ALTMAN ENVIRONMENTAL CONSULTING

HEATHER ALTMAN, PUBLIC ENGAGEMENT COORD.
AMANDA HEDGECOCK, OUTREACH SPECIALIST
SHELBY BISACCIO, OUTREACH SPECIALIST

MOFFATT & NICHOL

CHRIS WEBB, PROJECT MANAGER
CAROL ELTON, LEAD ENGINEER
CRAIG FRAMPTON, GRADING DESIGNER
KIM GARVEY, PERMITTING SPECIALIST

MIG

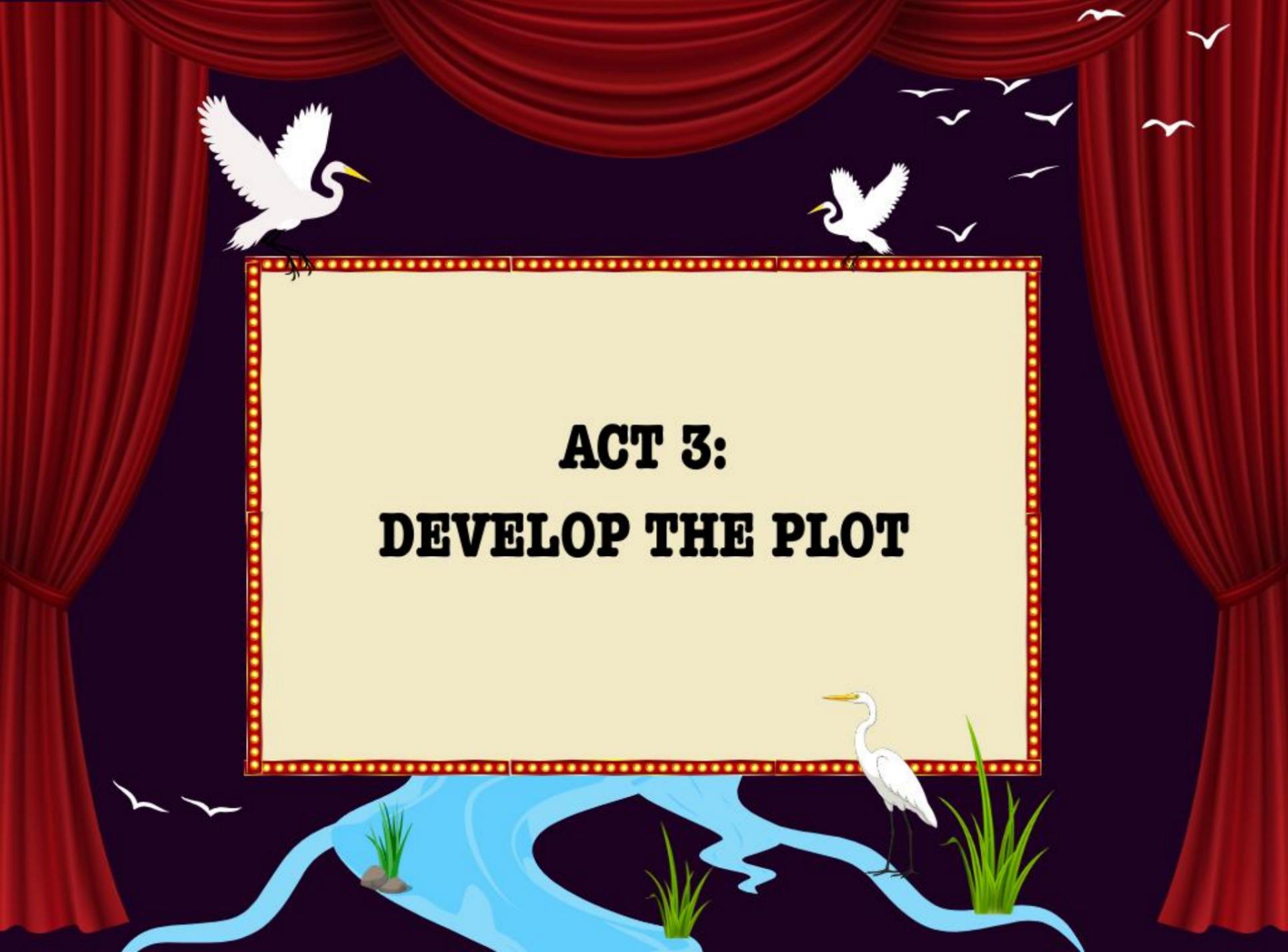
JENNI ZELL, LANDSCAPE ARCHITECT
JESSICA ROBERTS, LANDSCAPE DESIGNER



Construction Team

- *Syrusa Engineering, Inc.,*
Construction Management
- *Philbin Construction Company,*
General Construction
Contractor
- *Cogstone, Cultural Resources*
Management
- Early November start





ACT 3:
DEVELOP THE PLOT

CRP, Minimum Alternative (circa 2015)

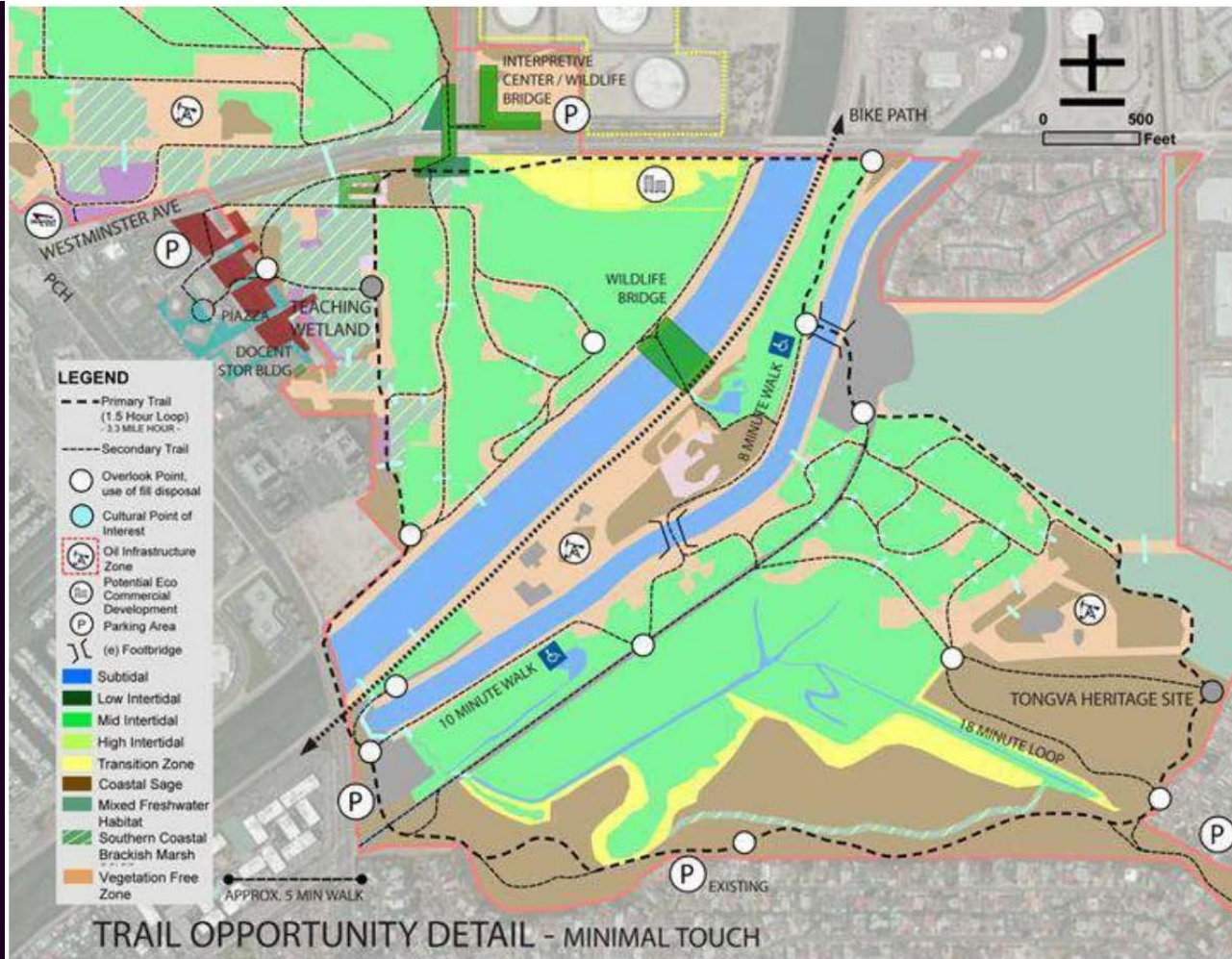


Figure 7-35. Access Plan for Central Area, Isthmus Area, and Southeast Area

CRP, Moderate Alternative (circa 2015)

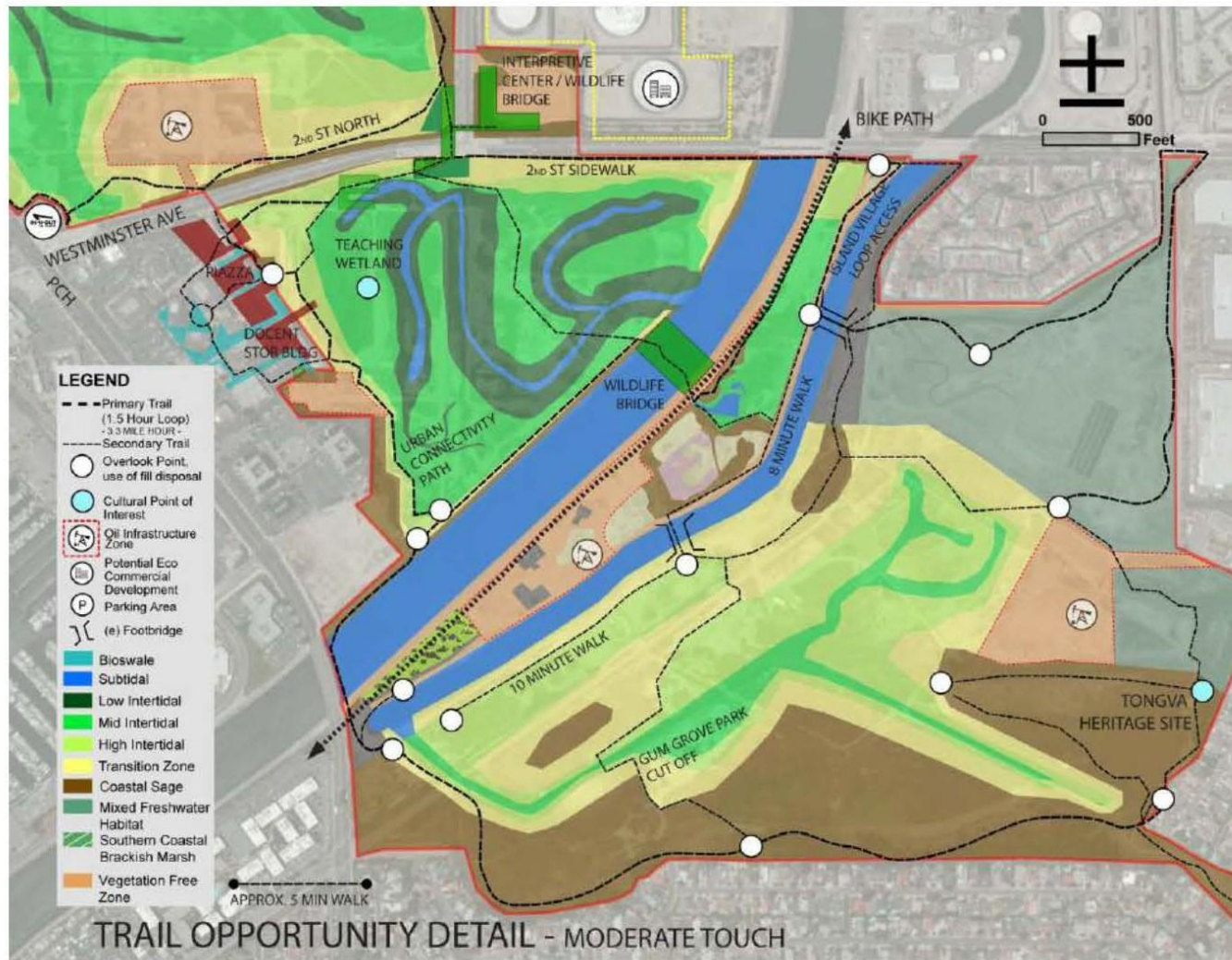


Figure 7-76. Trail Opportunity Detail – Moderate Alteration, Southern Half

CRP, Maximum Alternative (circa 2015)



l, Maximum Alterati
Concept



Figure 7-113. Trail Opportunity Detail, Maximum Alteration, South Half, Perimeter Concept

Figure 7-114. Trail Opportunity Detail, Maximum Alteration, South Half, Loop Concept

Program EIR, Near Term (circa 2021)



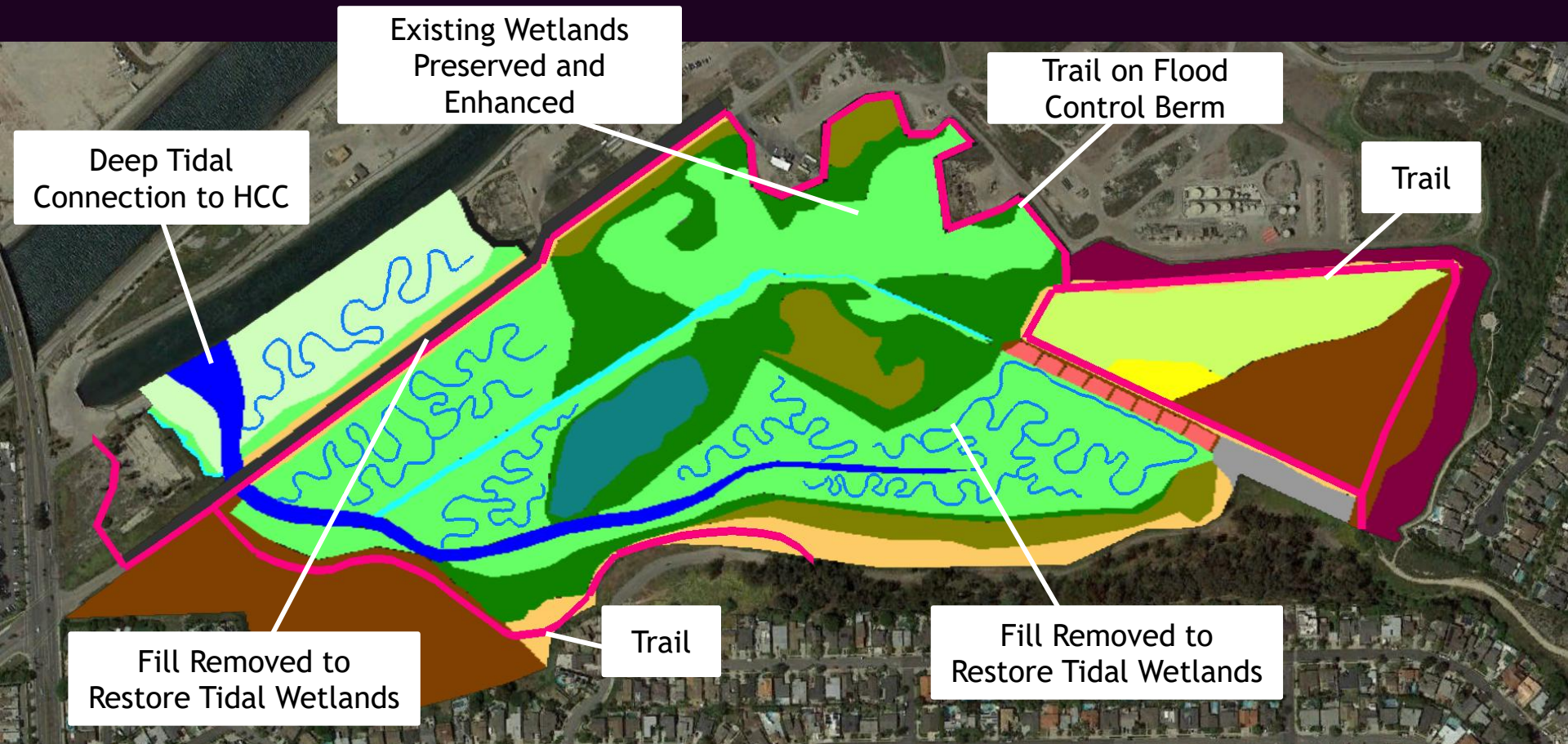
SOURCE: ESRI, LCWA, ESA

Los Cerritos Wetlands Restoration Plan Draft Program EIR

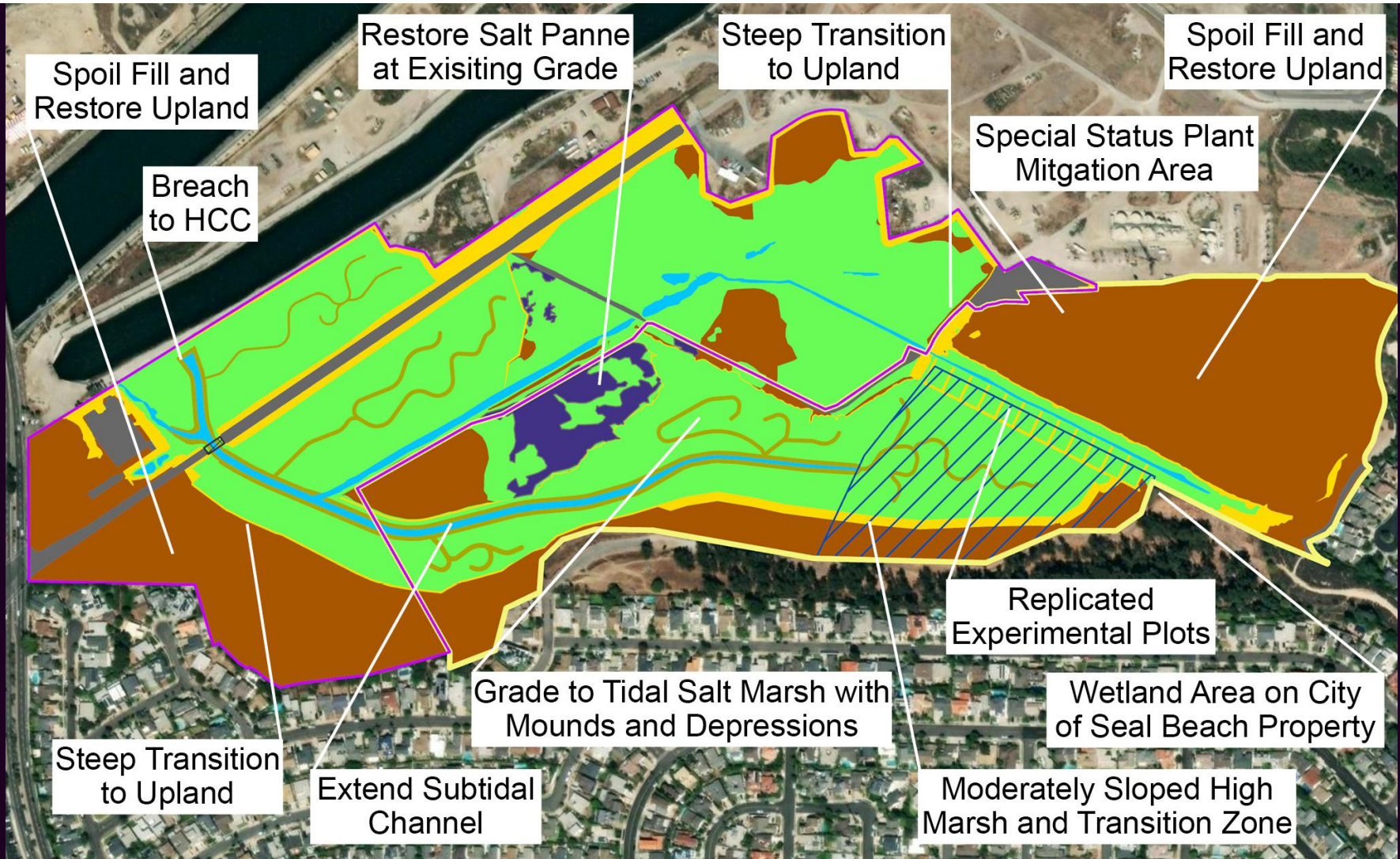
Figure 2-16

Revised Proposed South Area Near-Term Public Access

Restoration Plan (circa 2021)



65% Design Phase (circa 2023)



90% Design Phase (2024)



The image depicts a theatrical stage set. At the top, heavy red curtains are drawn back, revealing a dark blue background. Two large white birds, resembling egrets or herons, are perched on the top edge of a central rectangular sign. Several smaller white birds are flying in the dark blue space above the sign. The sign itself is a light cream color with a decorative border of small yellow lights. Below the sign, a light blue stream flows across the stage floor. A single white bird stands in the stream, facing right. There are small tufts of green grass on the banks of the stream. The overall scene is designed to look like a stage production for a play or performance.

ACT 4:
PREMIERE THE DESIGN!

Final Title Page



LOS CERRITOS WETLANDS AUTHORITY (LCWA)

SOUTHERN LOS CERRITOS WETLANDS RESTORATION PROJECT

[FINAL DESIGN PLANS]

APPROVED: _____ DATE: _____
MARK STANLEY, EXECUTIVE DIRECTOR

APPROVED: _____ DATE: _____
CHAD OBERLY, STAFF SERVICES MANAGER

PROJECT FUNDED BY:

CALIFORNIA STATE COASTAL CONSERVANCY (SCC)

CALIFORNIA OCEAN PROTECTION COUNCIL (OPC)

APPLIED ENERGY SERVICES (AES)

ORANGE COUNTY COMMUNITY FOUNDATION



LOCATION MAP
SCALE: NTS

DATUM STATEMENT

HORIZONTAL DATUM:
NAD83(2011) 2017.50 EPOCH
VERTICAL DATUM:
GEOID MODEL
BENCHMARK ID:
BENCHMARK ELEVATION:
BENCHMARK DESCRIPTION:

CALIFORNIA COORDINATE SYSTEM OF 1983, CGCS83, ZONE VI, CGRS
NAVD83
GEOID19
ORANGE COUNTY BM 12-54-80
12.57' (1985-UL 1955ADJ)
DESCRIBED BY OCS 2002 - FOUND 3-3/4" OCS ALUMINUM BENCHMARK DISK
STAMPED "12-54-80", SET IN THE NORTHERLY CORNER OF 4.3 FT. BY 4.3 FT.
CONCRETE VAULT. MONUMENT IS LOCATED IN THE NORTHEASTERLY
CORNER OF THE INTERSECTION OF PACIFIC COAST HIGHWAY AND FIRST
STREET, 76 FT. NORTHERLY OF THE CENTERLINE OF FIRST STREET AND 48 FT.
EASTERLY OF THE CENTERLINE OF PCH. MONUMENT IS SET LEVEL WITH THE
SIDEWALK.

NOTE: ALL COORDINATES, ELEVATIONS, AND DISTANCES SHOWN, UNLESS OTHERWISE NOTED, ARE IN TERMS OF
THE U.S. SURVEY FOOT (US FT).

CGRS STATIONS USED AND PUBLISHED ACCURACIES

STATION	LATITUDE	LONGITUDE	SLANT (US FT)	SLONG (US FT)
UBCI	37°45'51.444504"	-118°10'13.197281"	0.0070	0.0078
VTIS	33°42'45.499578"	-118°17'37.723039"	0.0062	0.0062
HBCO 3	34°50'1.20865"	-118°17'09.529649"	0.0072	0.0074

SOURCE OF TOPO

AERIAL AND GROUND SURVEY BY:
KSM MERIDIAN
1340 REYNOLDS AVE., SUITE 110
IRVINE, CA 92614
DATE OF SURVEY: JULY 2023

UTILITY AND AGENCY INDEX

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

PUBLIC WORKS
ALTAIR (ALL BRAND)
GLENN LECHE
JIM DENICCO
NICK WARDENS
TBD
LARRY LILLY
S&I
TBD

905-491-2527
857-868-8444
905-375-5705
714-260-3123
714-465-0210
TBD
714-661-4571
S&I
TBD



Underground Service Alert
Call: TOLL FREE
811
TWO WORKING DAYS BEFORE YOU DIG



LOS CERRITOS WETLANDS AUTHORITY
100 N. OLD SAN GABRIEL CANYON ROAD
AZUSA, CA 91702



SCALE: 1"=100'-0"

DESIGNED BY: CF 7/14/25
DRAWN BY: JS 7/14/25
CHECKED BY: GL 7/14/25

NO.	REVISION	DATE	BY	APP.
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

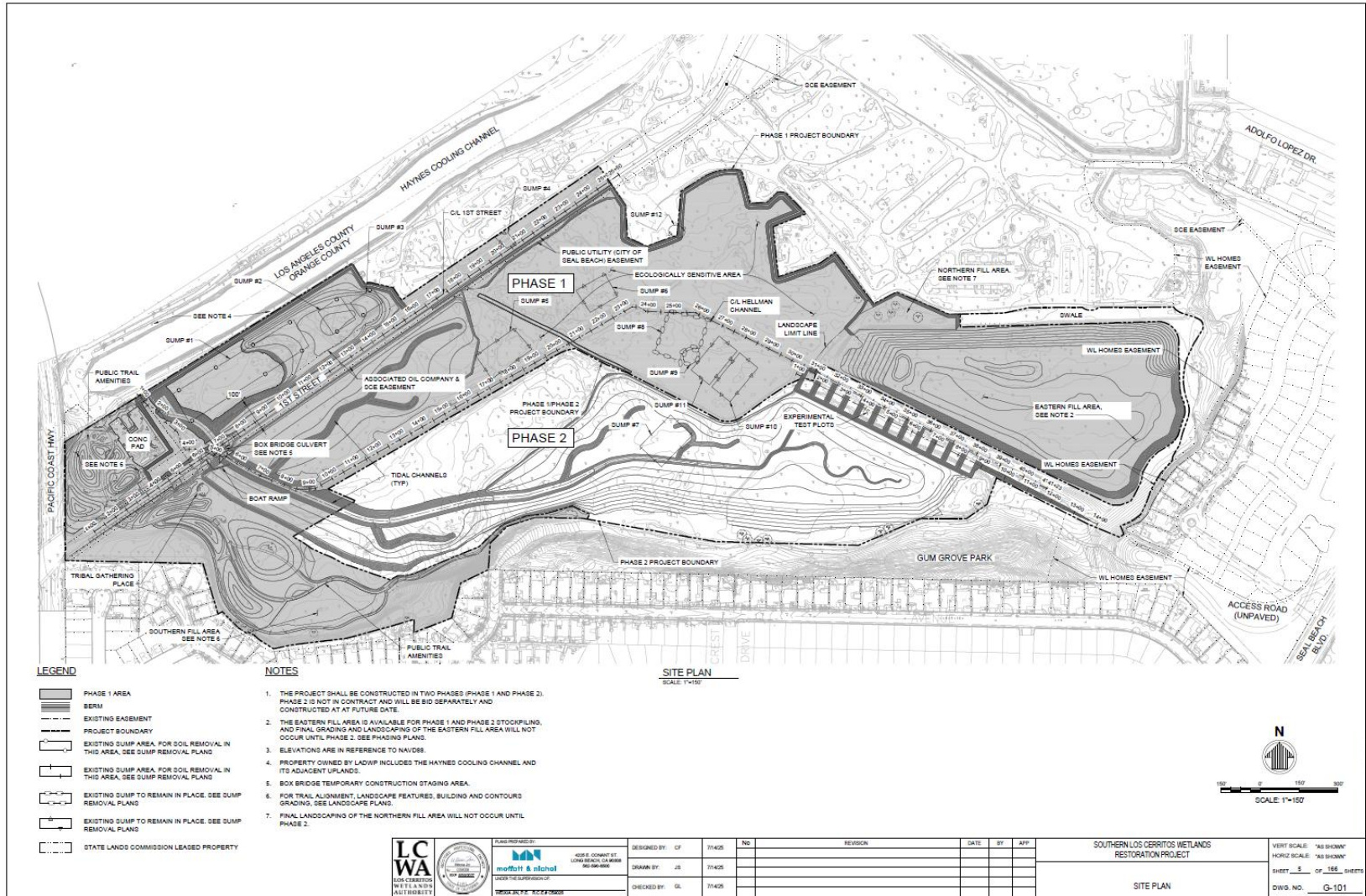
SOUTHERN LOS CERRITOS WETLANDS
RESTORATION PROJECT

TITLE SHEET

VERT SCALE: "AS SHOWN"
HORIZ SCALE: "AS SHOWN"
SHEET 1 OF 155 SHEETS
DWG. NO. G-001



Final Site Plan



Existing



Final Design (Phase 1)



Final Design (Phase 2)



Views from Gum Grove Park



Views from Overhead



Connecting Community

It's time for the tides...

to Connect the Community!



San Gabriel River Bike Trail



Soi

3



Community Hub Viewsheds

It's time for the tides...

to Create a Community Hub!



Viewshed “A”

Looking southwest
from the North Entry



Viewshed “B”

Looking south towards the
depressional wetland feature



Viewshed “C”

Looking across the wetlands from the
Visitor Plaza Amphitheater



Viewshed “D”

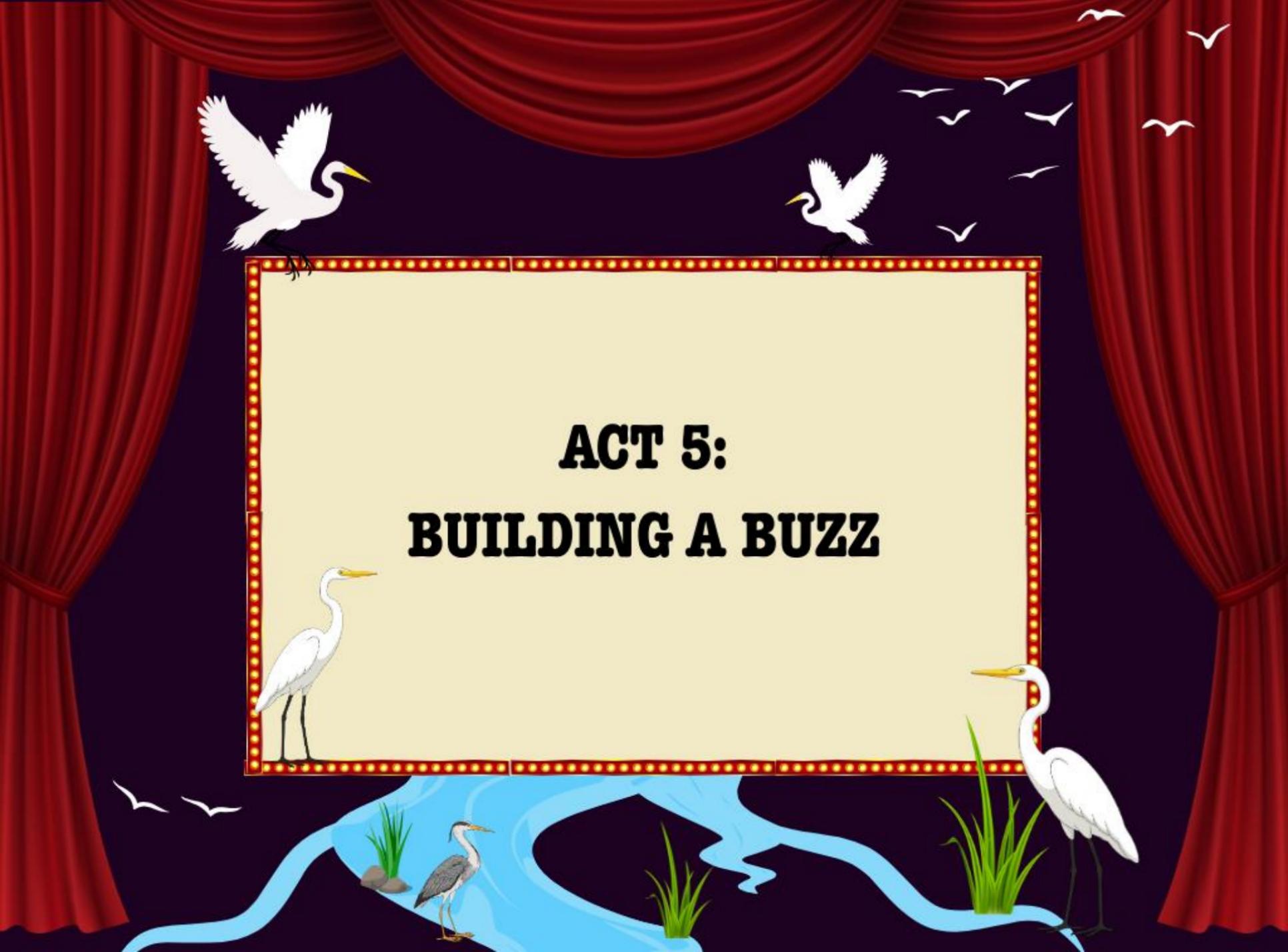
Looking at the new Education Facilities
at the Visitor Plaza



Project Merits

- ✓ Coastal Resiliency
- ✓ Tidal Wetlands Preservation
- ✓ Tribal Access & Engagement
- ✓ Scientific Research
- ✓ Regional Ecological Monitoring Program
- ✓ Youth Workforce Development
- ✓ Public Stewardship & Education Programs
- ✓ Community Connectedness
- ✓ State Funding



The image depicts a theatrical stage set. At the top, heavy red curtains are drawn back, revealing a dark blue background. Several white birds, resembling egrets or herons, are in flight. In the center, a large rectangular sign with a yellow background and a red border of small lights contains the text. Below the sign, a light blue stream flows across the stage. On the left bank of the stream, a grey heron stands near some green reeds. On the right bank, a white egret stands near more reeds. Two more white egrets are perched on the top corners of the central sign.

ACT 5:
BUILDING A BUZZ

History of Community Engagement

- Conceptual Restoration Plan
 - 6 public workshops
 - 3 TAC meetings
- Program EIR
 - 2 public workshops
 - 3 public meetings
 - 3 TAC meetings
 - 1 Public Access Survey
- Mitigated Negative Declaration
 - 3 public meetings
 - 2 TAC meetings
 - 1 Public Access Survey
- Focused stakeholder engagement throughout



Public Webinar (December 2024)

Southern Los Cerritos Wetlands Restoration Project: Past, Present, Future

Virtual Community Meeting
December 10th @ 6:30 P.M.



Public Workshop (March 2025)



**ENVISIONING PUBLIC ACCESS
FOR THE SOUTHERN LCW**

**SATURDAY, MARCH 22
 10:00 AM - 12:00 PM**

THE PROJECT
Located in Seal Beach at Pacific Coast Highway and First Street, the **Southern Los Cerritos Wetlands Restoration Project** is the first major restoration project of the Los Cerritos Wetlands.

YOUR INPUT WANTED
We are seeking public input regarding certain design elements for a portion of the project referred to as the **State Lands Parcel**. This long vacant parcel has been closed to the public for 50+ years....until now! So come, learn, and engage with members of our expert design team!

GETTING THERE
The event will be on the State Lands parcel in Seal Beach. To get there, **turn east** on First St. from Pacific Coast Highway. Limited parking will be available along First St.



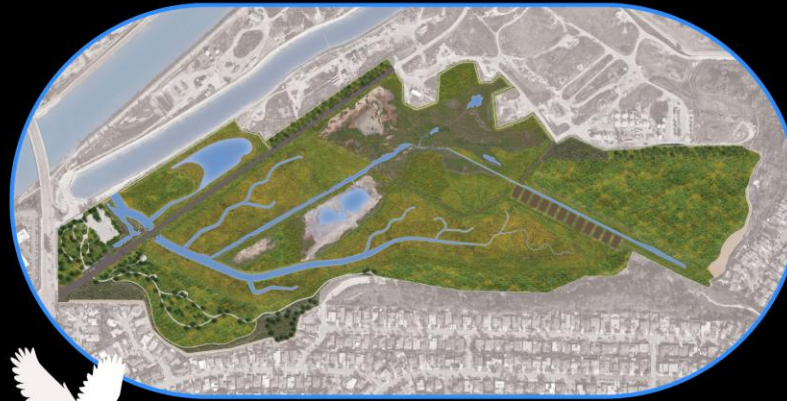
IT'S TIME FOR THE TIDES!
www.intoloscerritoswetlands.org



Upcoming Showings, Groundbreaking

IT'S TIME FOR THE TIDES!

Join the LCWA as we celebrate the groundbreaking of the
Southern Los Cerritos Wetlands Restoration Project



GROUNDBREAKING CEREMONY

FRIDAY, OCTOBER 24
10 A.M.-12 P.M.



PACIFIC COAST HWY. AND FIRST ST., SEAL BEACH

Thank you funders!



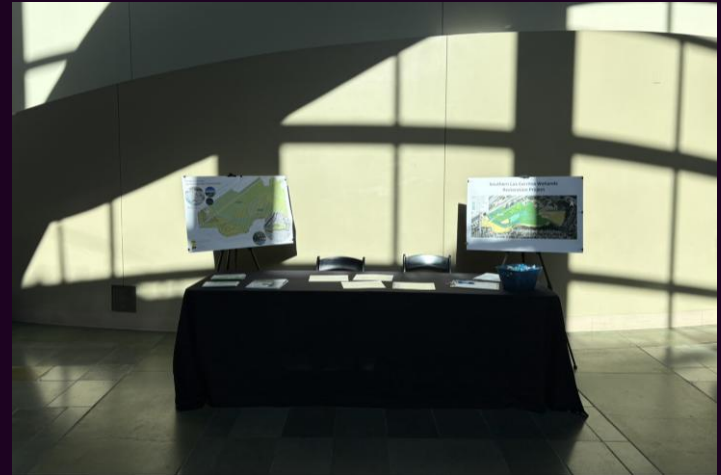
WWW.INTOLOSERRITOSWETLANDS.ORG

FOLLOW US ON INSTAGRAM: @LCWAUTHORITY



Upcoming Showings, All

- 3 mixers
- 1 Virtual Meeting
- Tabling opportunities
- Ribbon Cutting Ceremony



The image depicts a theatrical stage. At the top, heavy red curtains are drawn back, revealing a dark blue background. In the center, a large yellow rectangular sign with a red border of small lights contains the word "QUESTIONS?". Several white birds, resembling egrets or herons, are scattered throughout the scene: one is perched on the top left of the sign, another is flying on the left side, and two are standing on a blue stream at the bottom. The stream flows from the left towards the right, with green reeds growing along its banks. More birds are flying in the upper right corner, and a few are on the ground to the left of the stream.

QUESTIONS?



LCWA Website

www.intoloscerritoswetlands.org

Email

LCWA@tidalinfluence.com

Instagram

@lcwauthority

THANK YOU!

IT'S TIME FOR THE TIDES!