

Corte Madera Town Council Meeting

Update on
the

Golden Gate Bridge, Highway and Transportation District

Corte Madera Tidal Marsh Restoration Project

Presented by:

Golden Gate Bridge Highway and
Transportation District

And

WRA, Inc.

October 2, 2018

Project Purpose

- The Golden Gate Bridge, Highway and Transportation District (District) proposes to restore four acres of its tidal marsh property in Corte Madera in order to fulfill outstanding obligations:
 - In 1988 the Army Corps of Engineers issued a permit for the disposal of 90,000 cubic yards of dredge material and required the creation of 2 acres of tidal marsh suitable for California Ridgway's (formerly clapper) rail.
 - In the 1990s, local environmental groups settled with the District on restoring 2 acres of marsh in response to high speed ferry use.



Restore tidal marsh habitat



Create salt marsh harvest mouse habitat



Create California Ridgway's rail habitat

Property Location



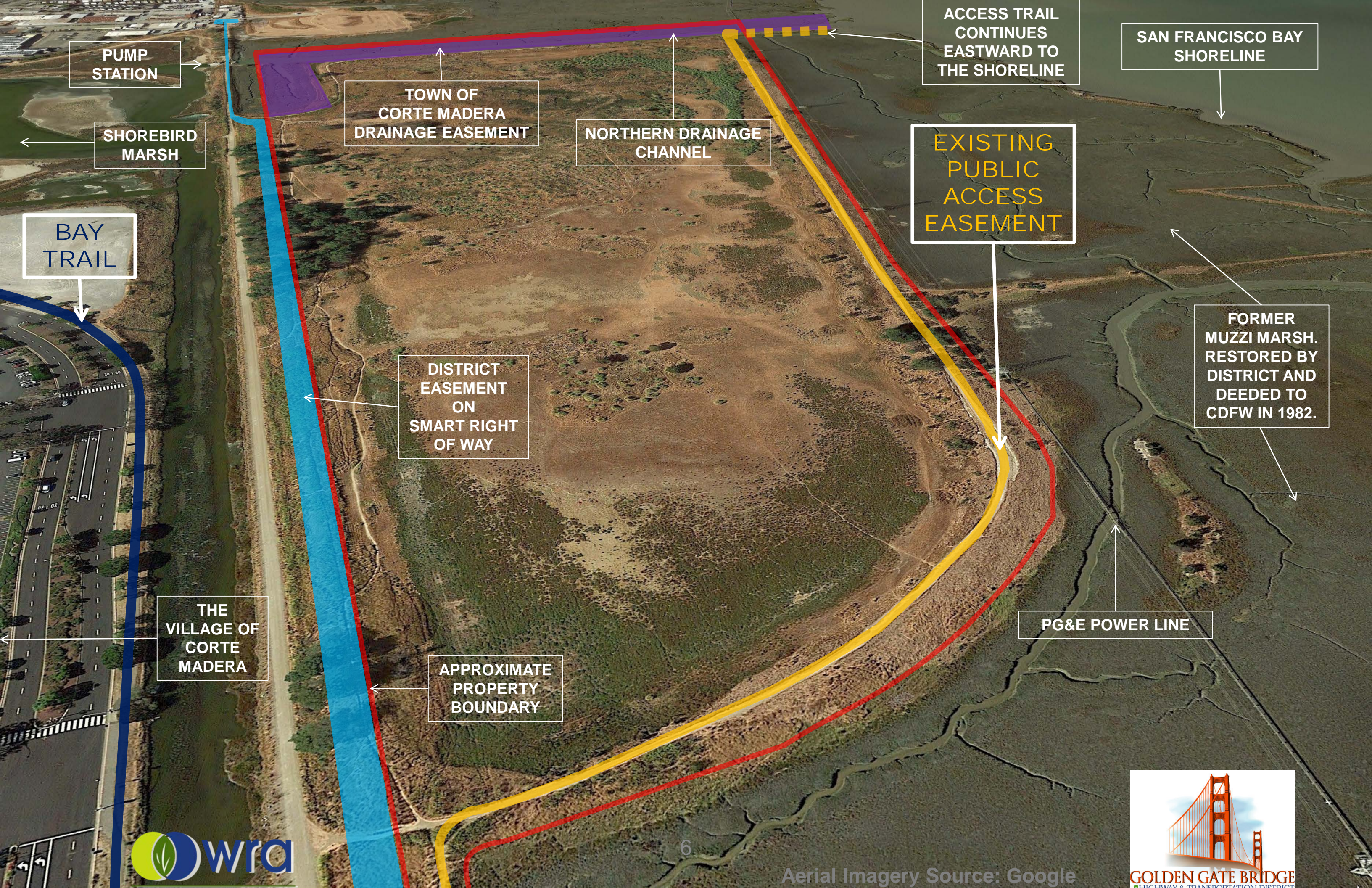
Photo: WRA



Public Access Easement

1. The 1973 BCDC Permit associated with construction of Larkspur Ferry Terminal, and its subsequent amendments, required a 10-foot wide public access easement along the eastern and southern perimeter berms of the property.
2. The District transferred this 10-foot wide public access easement to the Town of Corte Madera by a Grant of Easements and Agreement dated October 1982.
3. The Town of Corte Madera's public access easement is a public access spur and is not part of the Bay Trail. It does not include central areas of property.
4. No public access easement exists along the northern perimeter berm of the property adjacent to the drainage channel (although the public informally uses this area).
5. Existing land uses of the property will resume following project completion, including informal public uses.





PUMP STATION

SHOREBIRD MARSH

BAY TRAIL

THE VILLAGE OF CORTE MADERA

TOWN OF CORTE MADERA DRAINAGE EASEMENT

NORTHERN DRAINAGE CHANNEL

DISTRICT EASEMENT ON SMART RIGHT OF WAY

APPROXIMATE PROPERTY BOUNDARY

EXISTING PUBLIC ACCESS EASEMENT

ACCESS TRAIL CONTINUES EASTWARD TO THE SHORELINE

SAN FRANCISCO BAY SHORELINE

FORMER MUZZI MARSH. RESTORED BY DISTRICT AND DEEDED TO CDFW IN 1982.

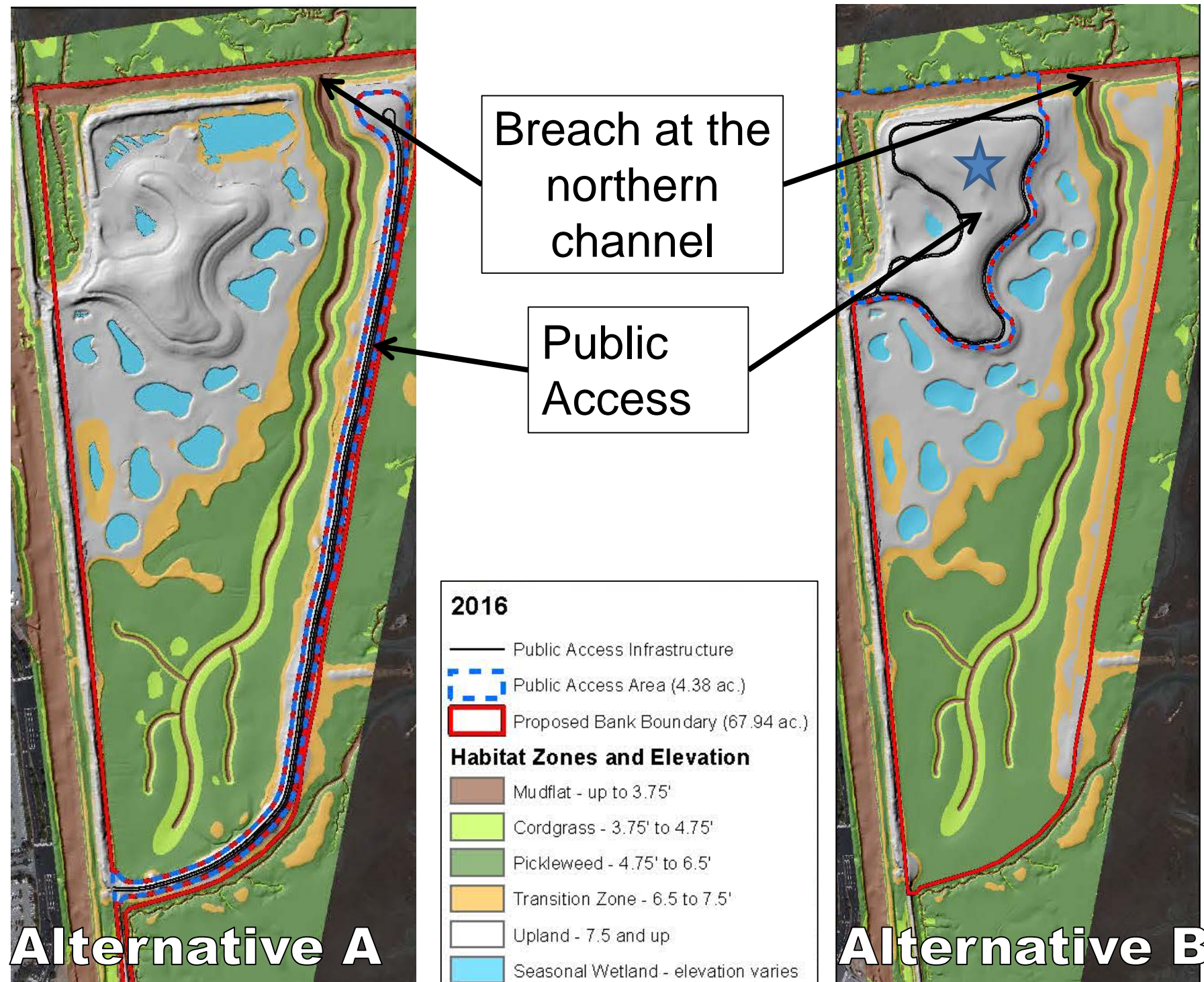
PG&E POWER LINE



Aerial Imagery Source: Google



March 21, 2017 Presentation of Concepts Alternatives A and B



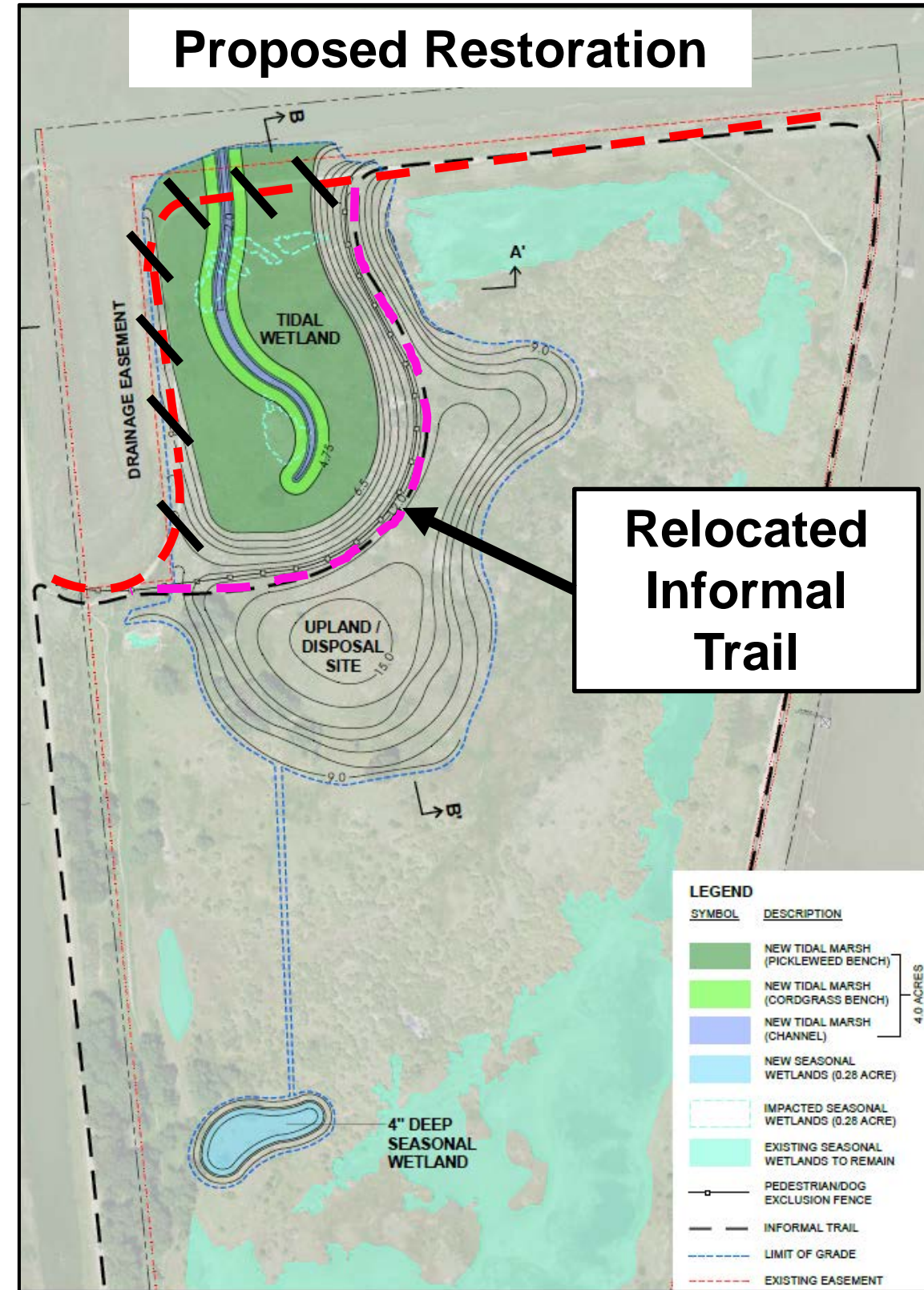
Both Alternatives:

- Restore:
 - ~**25** acres of tidal marsh
 - ~**6** acres of seasonal wetlands
- Habitats resilient to sea level rise
- Opportunity for the restoration areas to be annexed into the Corte Madera Ecological Reserve

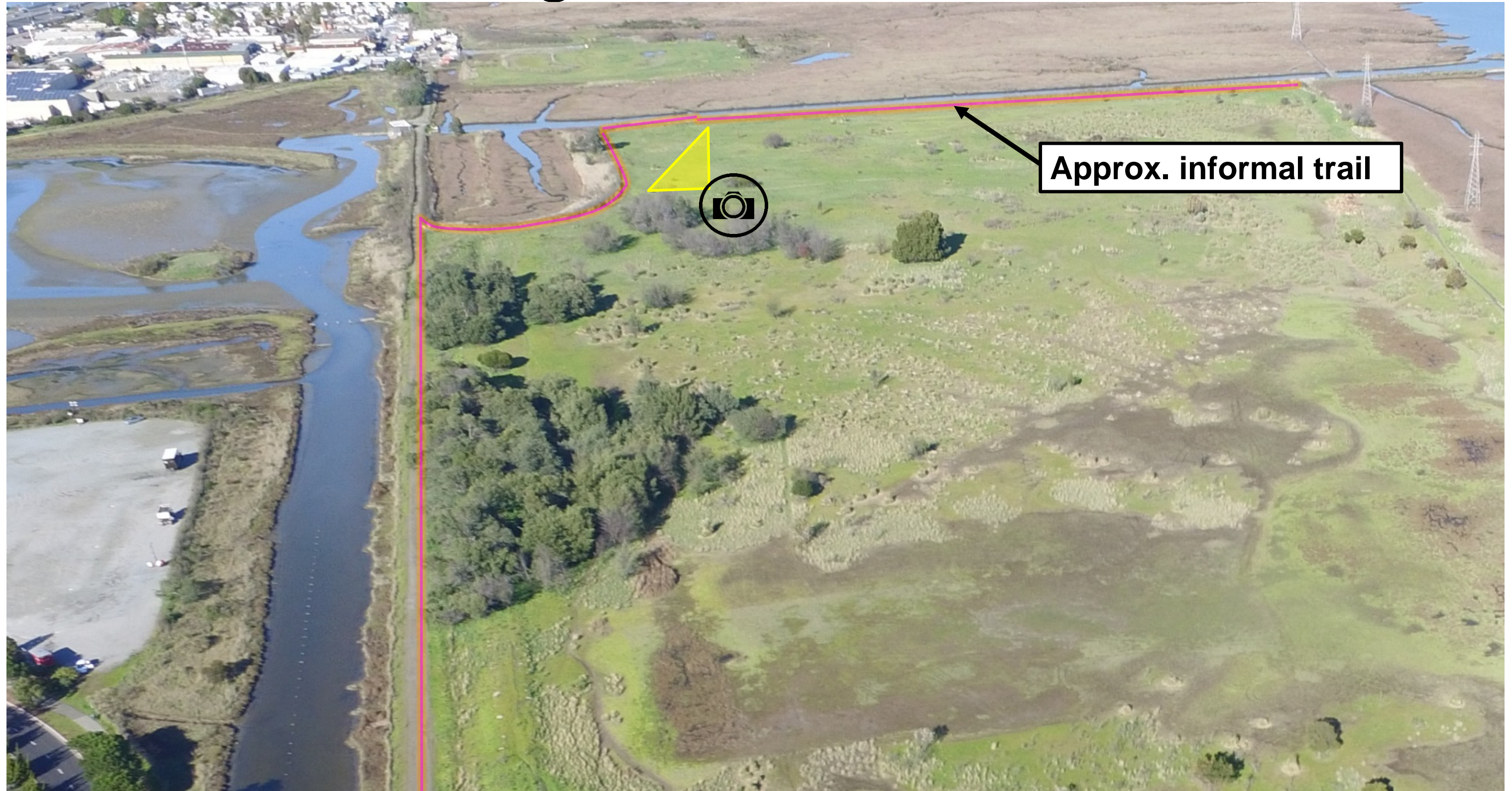
Following the March 21, 2017 Presentation

- District received public comments
 - Desire to maintain existing public access location and informal loop trail
- District met with regulatory agencies to discuss receiving credits for performing additional marsh restoration
- District determined that it should pursue a smaller project that would fulfill its mitigation obligations
- District reviewed potential locations for a 4-acre wetland restoration project on the parcel that would allow for maintaining an informal loop trail

Proposed Project Location



Existing Site Conditions

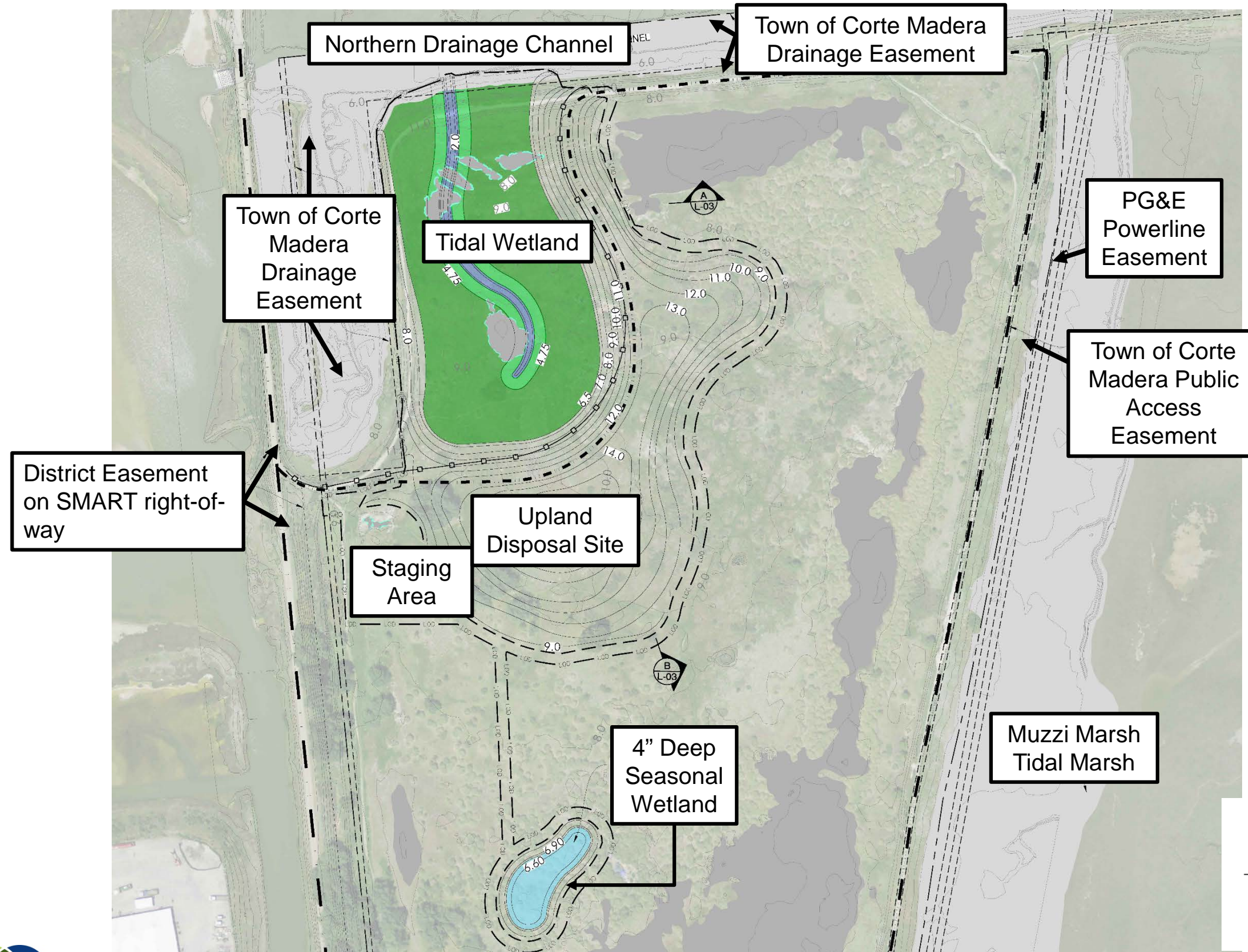


Existing Site Conditions (continued)



Looking Northwest – Aerial
View

Project Design Concept

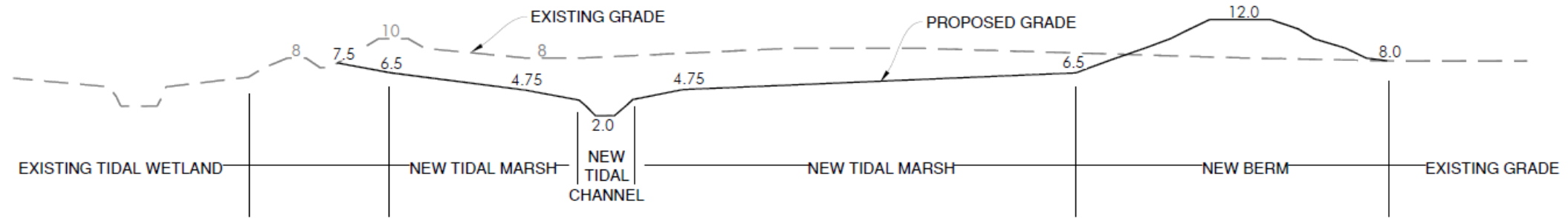


LEGEND:

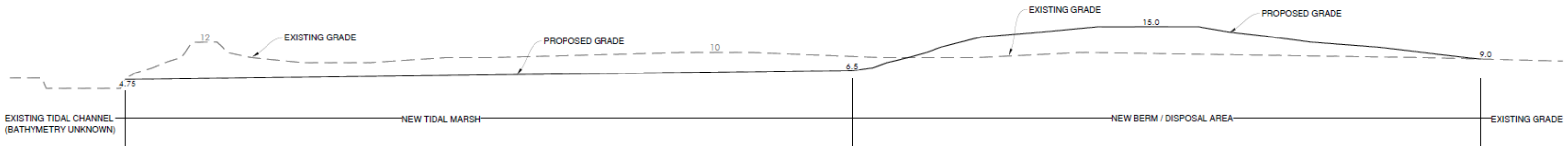
SYMBOL	DESCRIPTION
---	PROPERTY LINE
---	EXISTING EASEMENT
6.5	EXISTING CONTOUR
6.5	PROPOSED CONTOUR
---	LIMIT OF GRADE
LCD	LIMIT OF DISTURBANCE
---	CURRENT PUBLIC ACCESS
---	NEW INFORMAL TRAIL
□	PEDESTRIAN/DOG EXCLUSION FENCE
[Green Box]	NEW TIDAL MARSH (PICKLEWEED BENCH - 3.42 ACRES)
[Light Green Box]	NEW TIDAL MARSH (CORDGRASS BENCH - 0.60 ACRES)
[Blue Box]	NEW TIDAL MARSH (CHANNEL - 0.28 ACRES)
[Light Blue Box]	NEW SEASONAL WETLANDS (0.28 ACRE)
[Grey Box]	IMPACTED SEASONAL WETLANDS (0.28 ACRE)
[Light Grey Box]	EXISTING SEASONAL WETLANDS TO REMAIN
[Dark Grey Box]	EXISTING TIDAL WETLANDS / CHANNELS

4.30 ACRES

Project Design Concept



SECTION A



SECTION B

Questions?

Additional questions and comments may be
sent to:

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