

# ***Orleans Outer Beach Management Plan***



## ***Orleans Citizens Forum***

*Leslie Fields*

*January 19, 2017*

# *Project Goals*



# Study Area & Components

## Study Area:

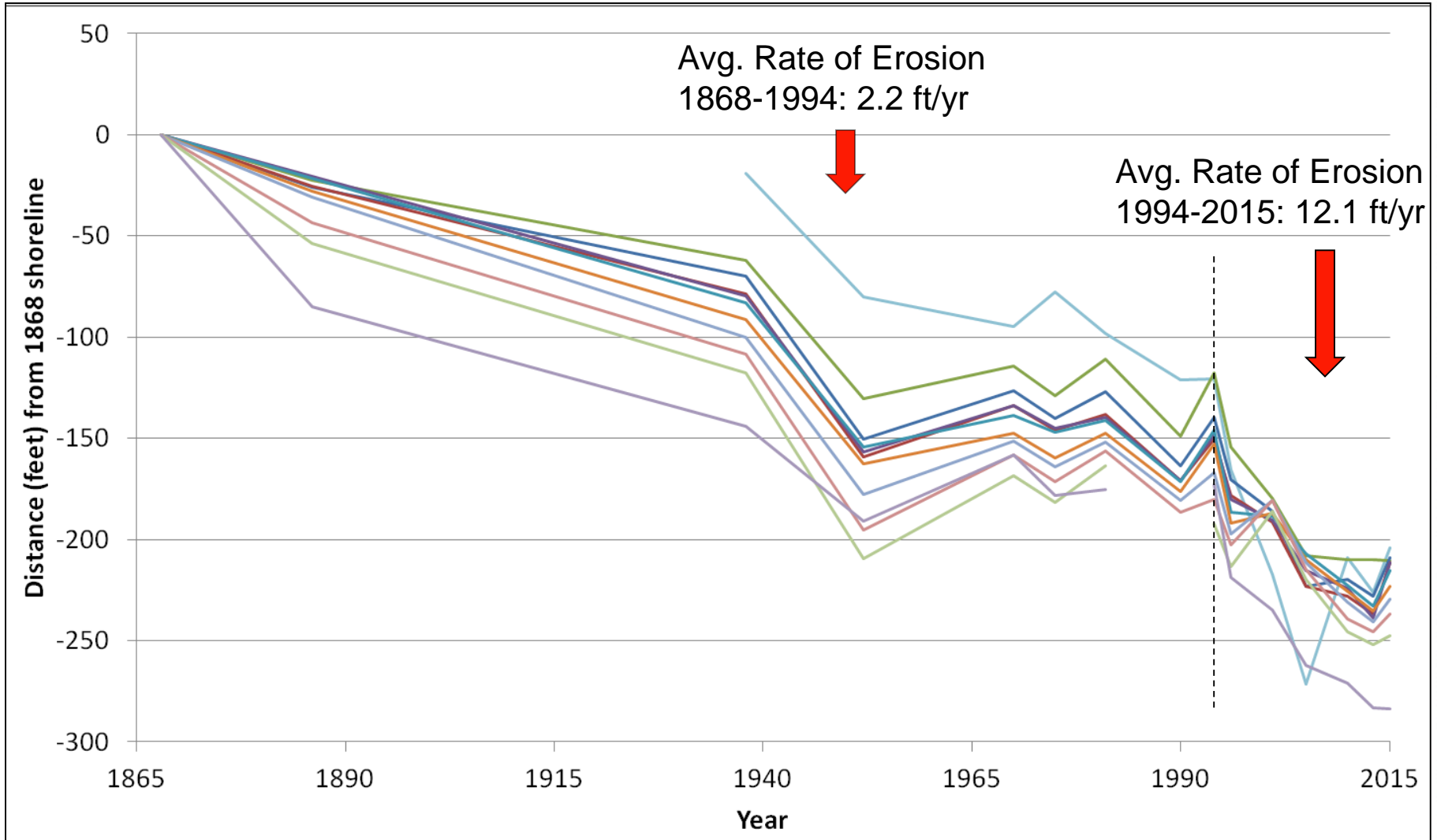
- Callanan's Pass
- South ORV gatehouse
- ~4,000 ft of shoreline



# Shoreline Change



# Shoreline Change

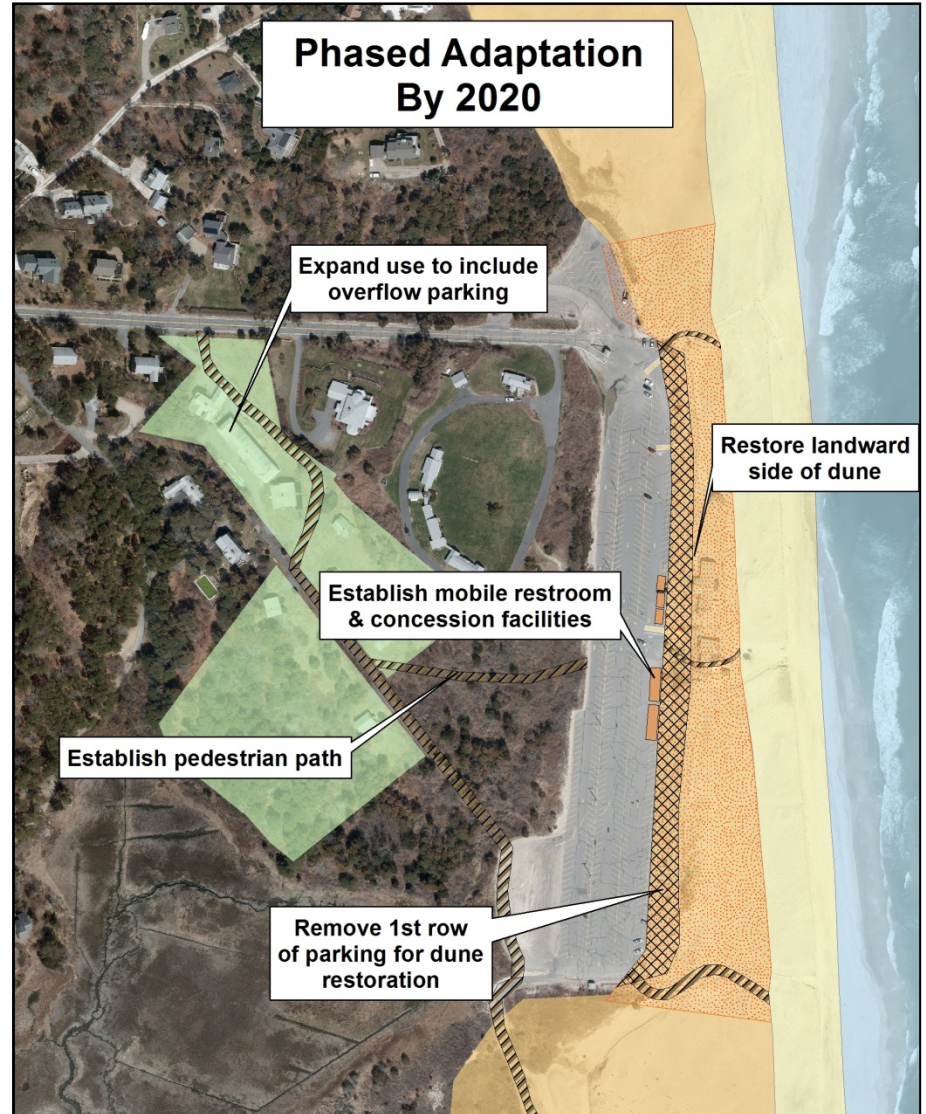


# *Future Change*

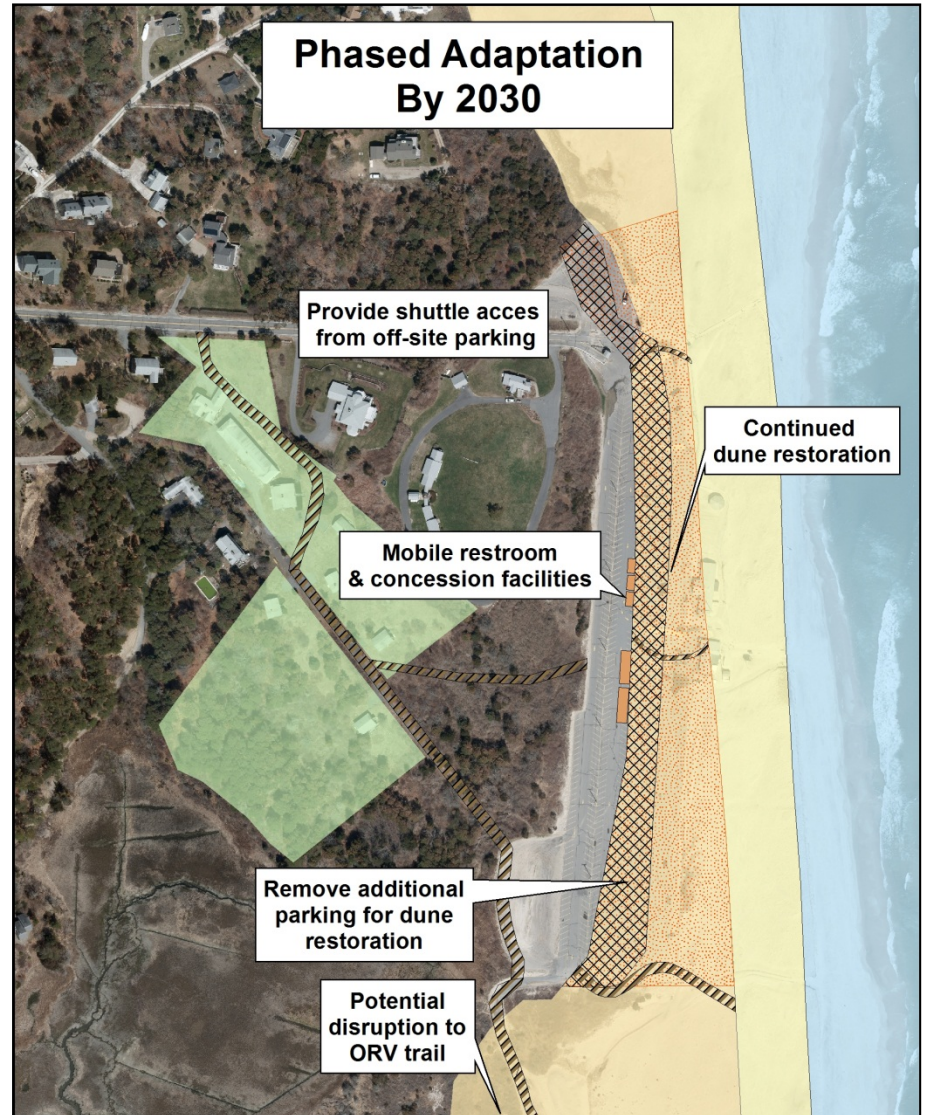


***Time to  
Consider  
Adaptations  
to Minimize Risk***

# Phase I Retreat (2 to 5 yrs)

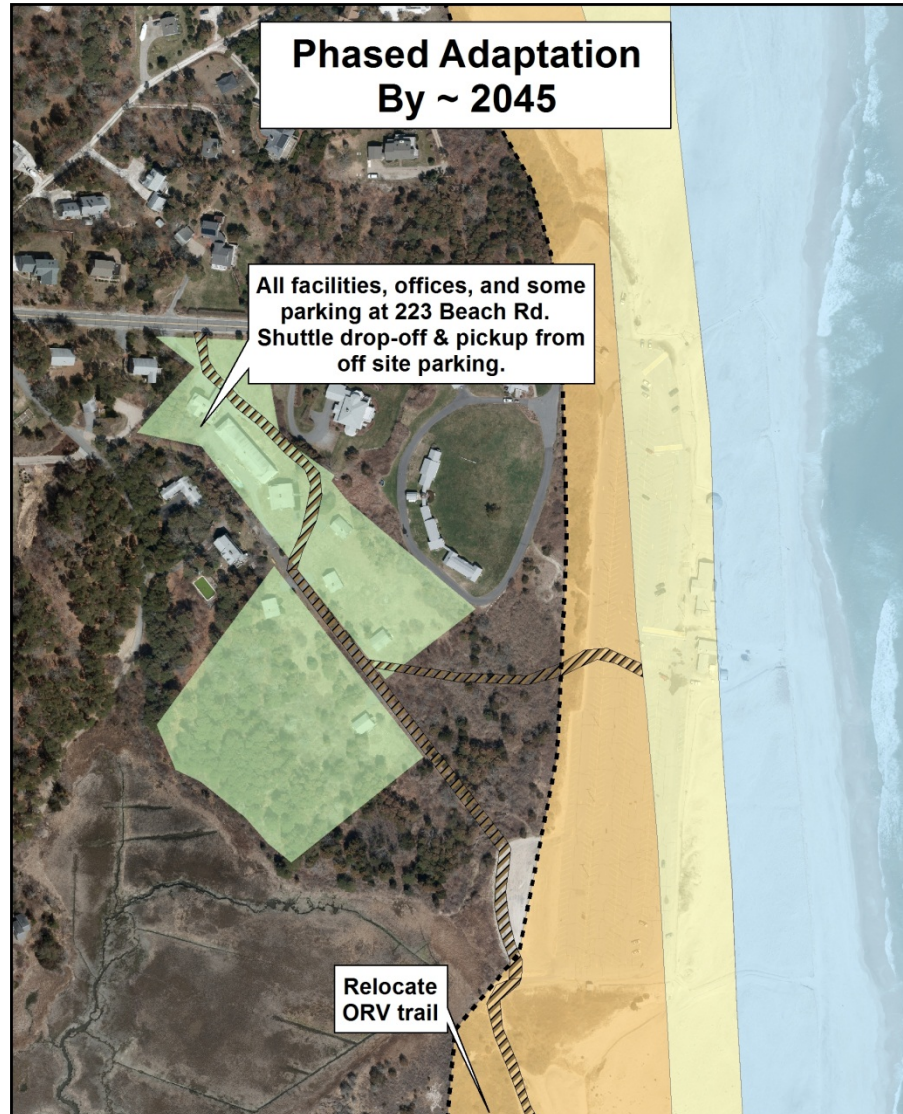


# Phase II Retreat (5 to 15 yrs)

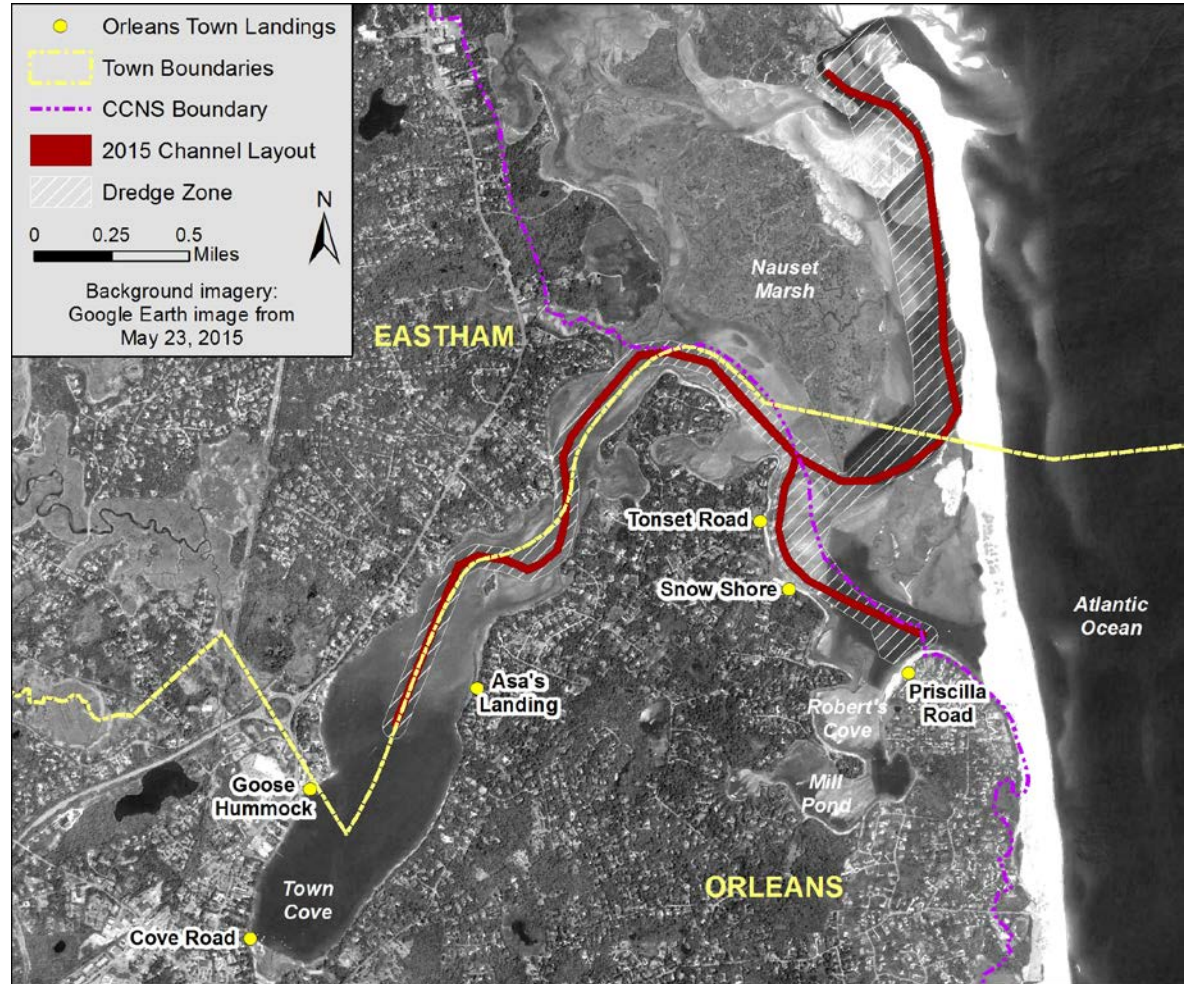
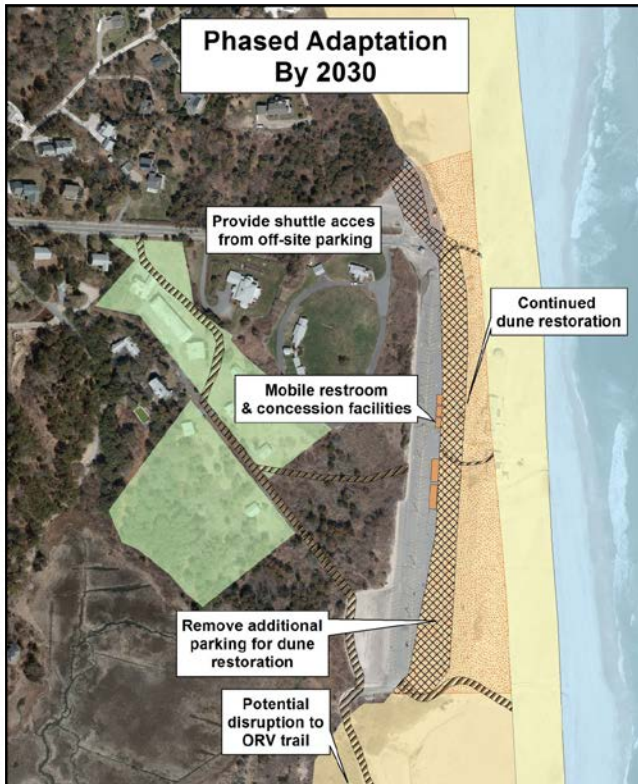




# Phase III Retreat (15 to 30 yrs)



# Sand for Dune Enhancement



# Questions

