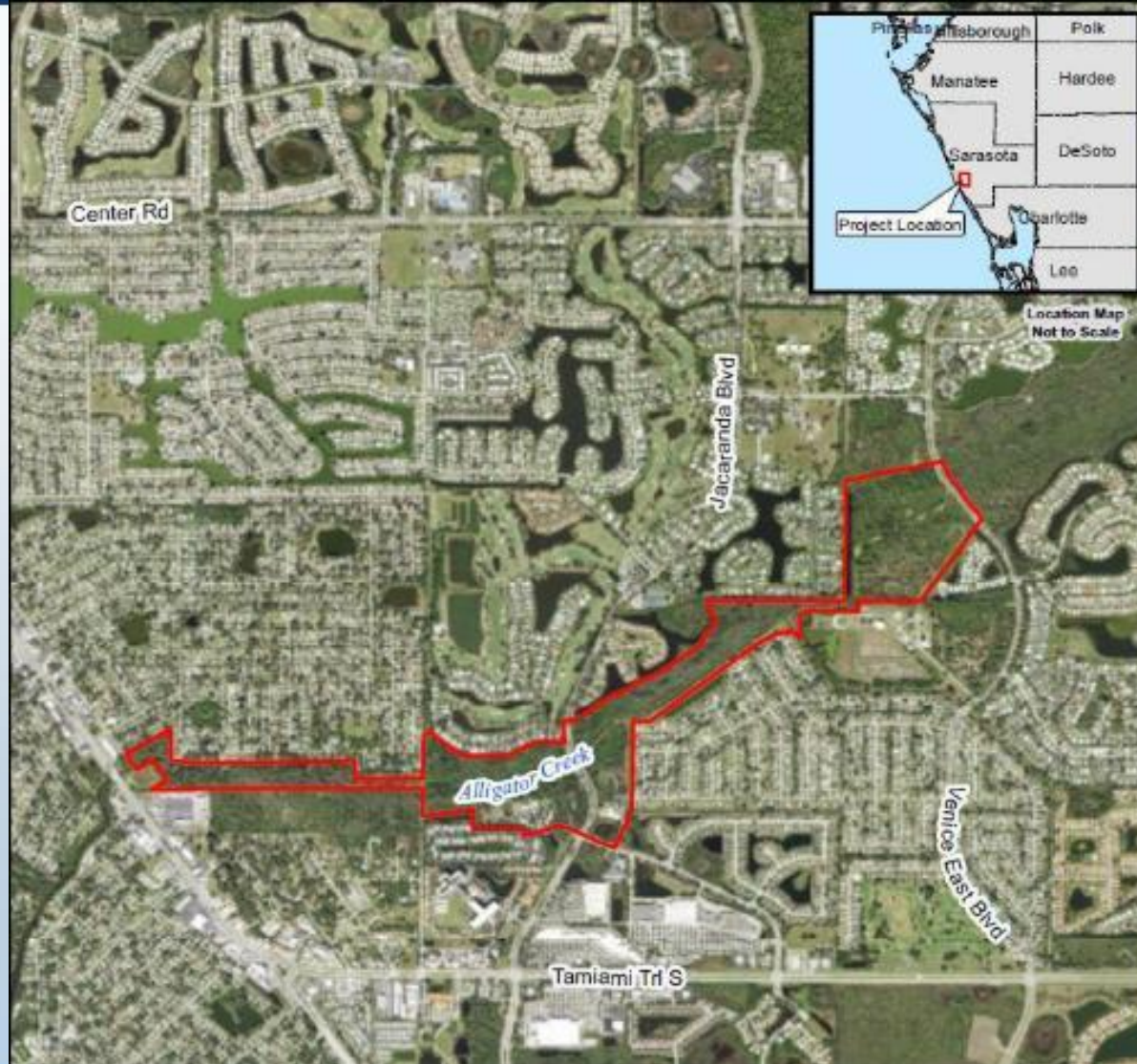


Alligator Creek Stream Restoration  
*A Pioneer Project in Fish-Friendly Design*

*Teresa VanderWaag, PMP*

# Alligator Creek Stream Restoration



# Alligator Creek Stream Restoration

## Why Alligator Creek?



# Alligator Creek Stream Restoration

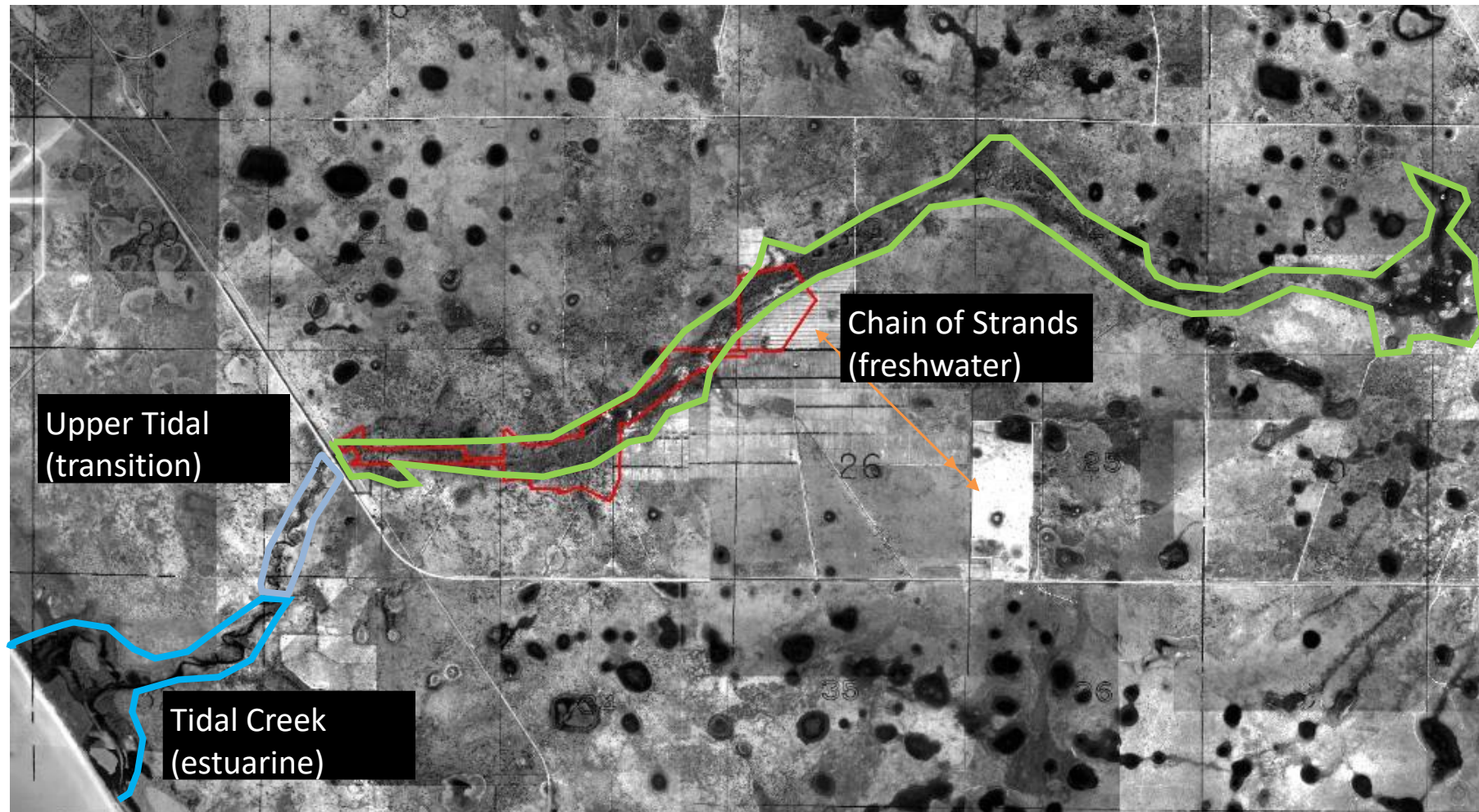
## Project Benefits



- Remove nutrients
- Stabilize banks
- Reduce maintenance
- Improve fisheries habitat
- Improve resiliency
- Enhance recreational area

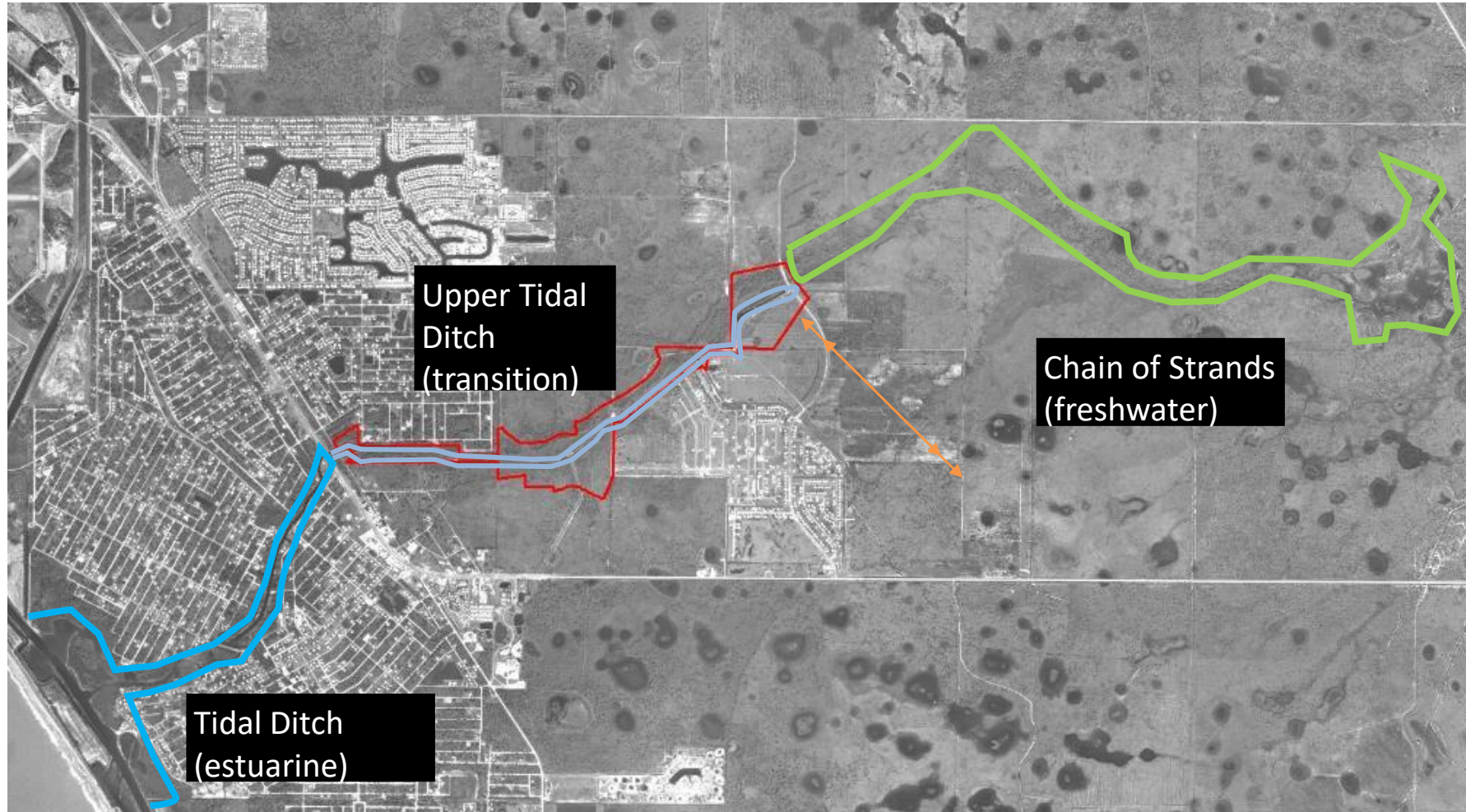
# Alligator Creek Stream Restoration

1948



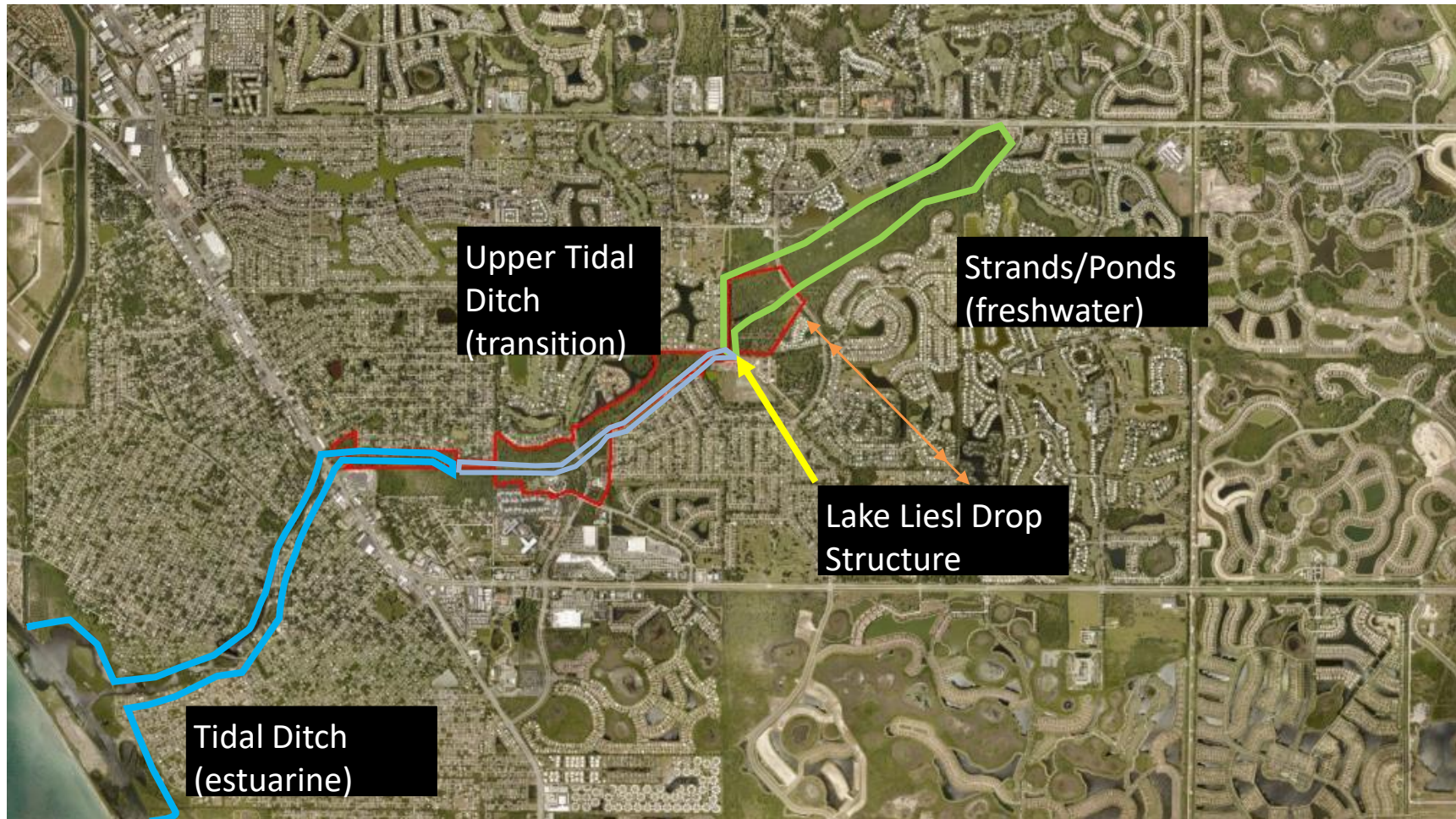
# Alligator Creek Stream Restoration

1974



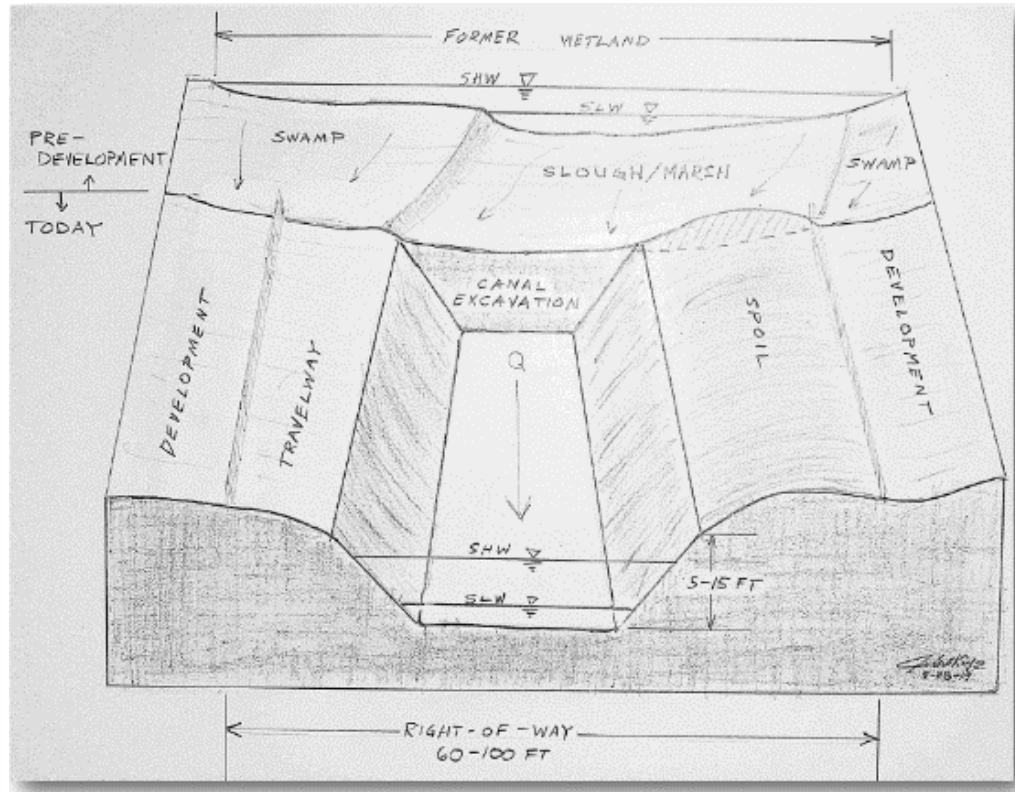
# Alligator Creek Stream Restoration

2019

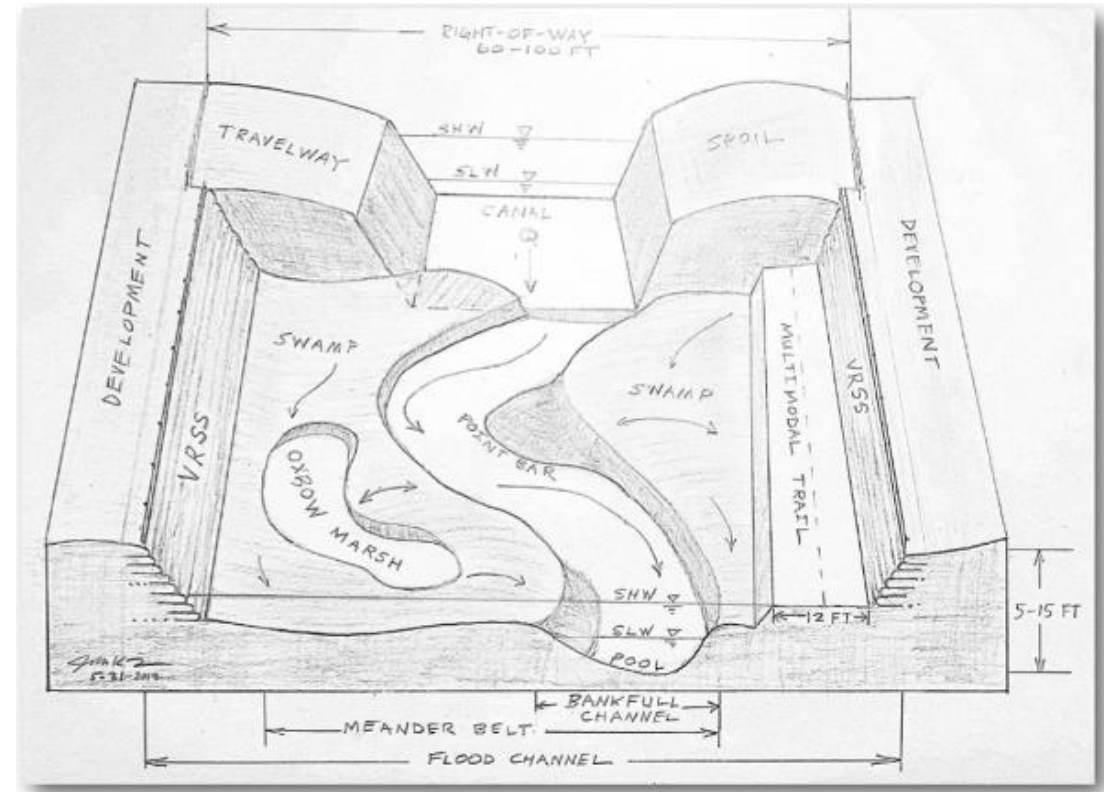


# Alligator Creek Stream Restoration

## Typical Altered Drainage Network

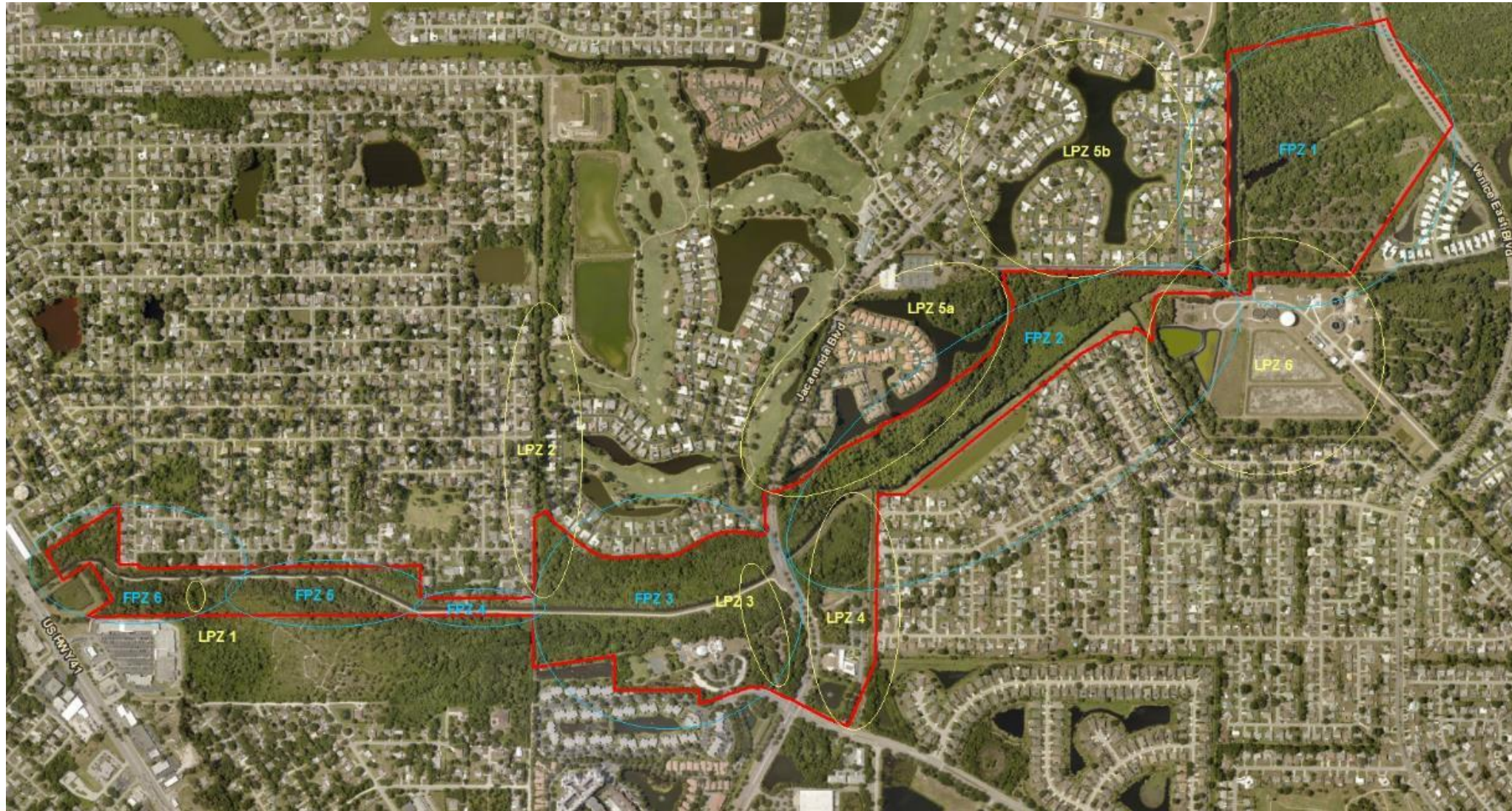


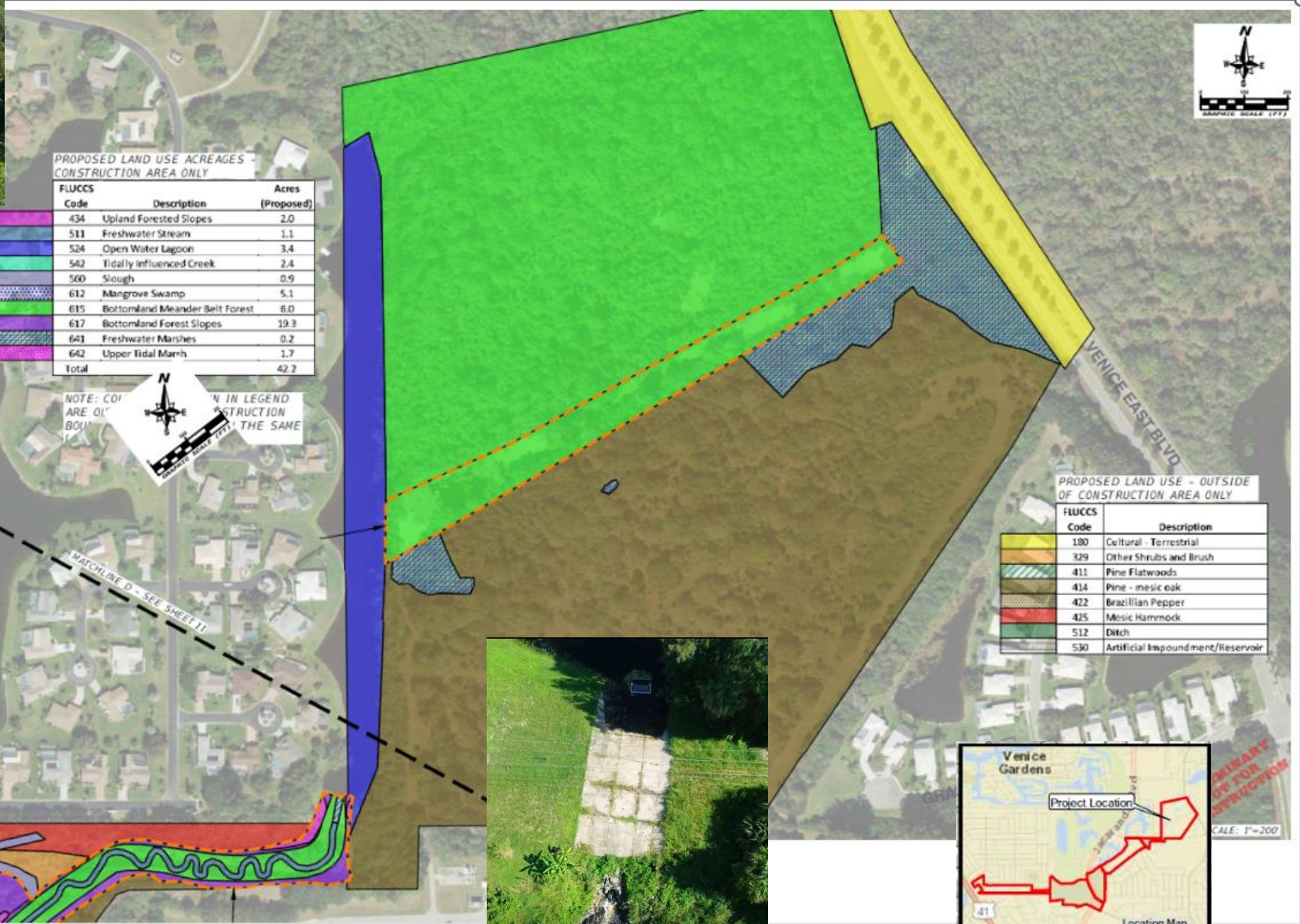
## Natural Channel Design



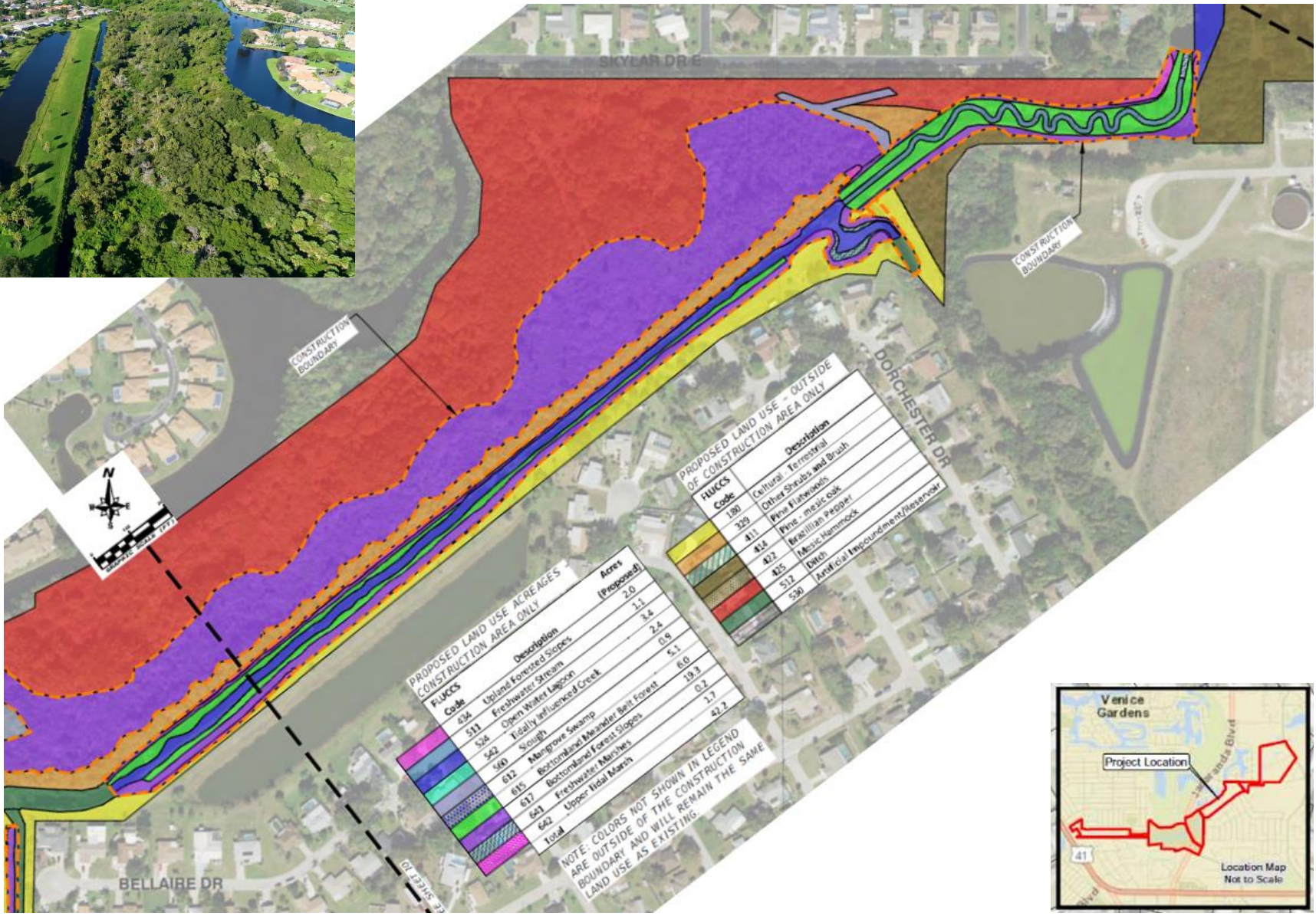


# Alligator Creek Stream Restoration



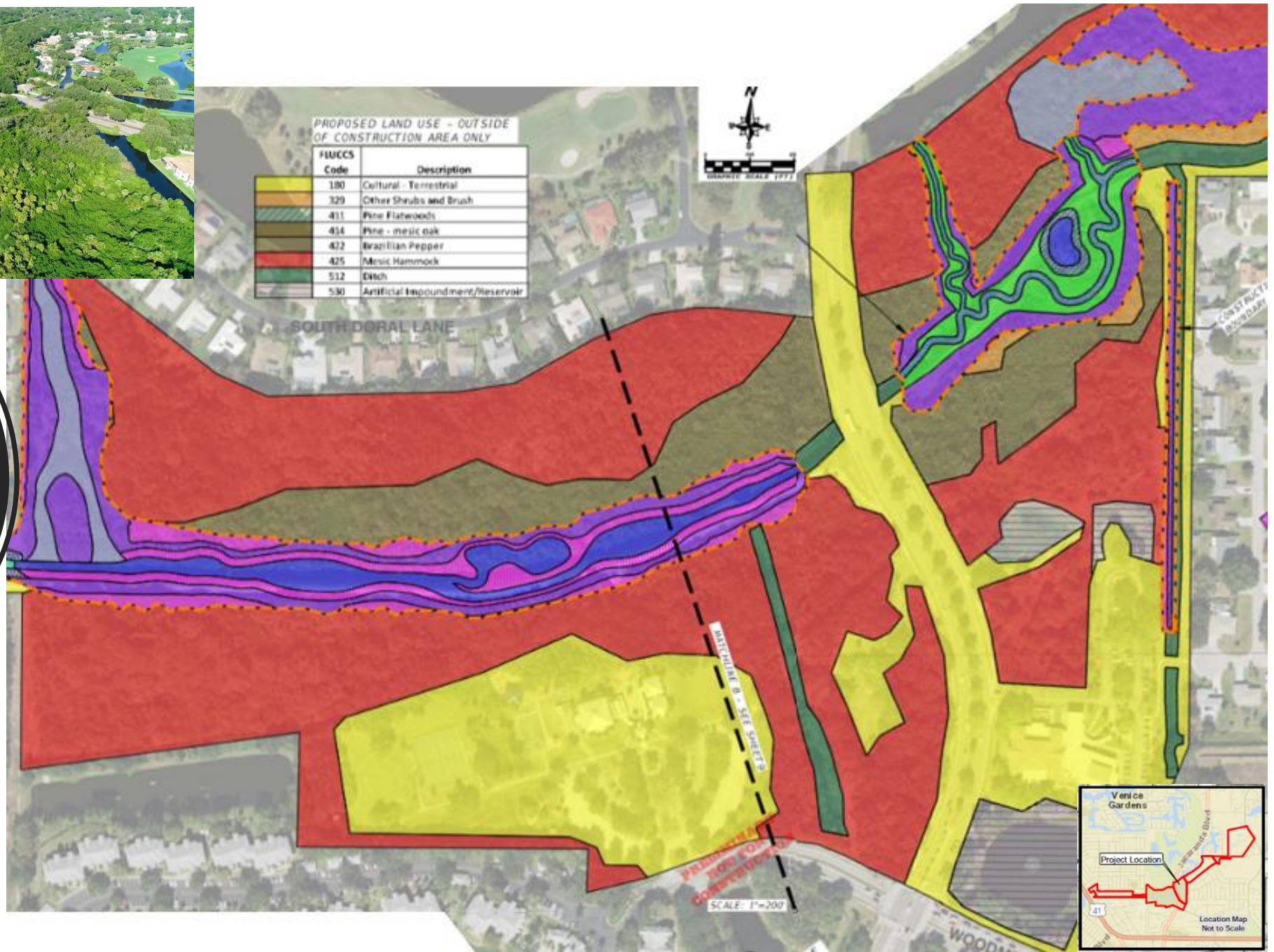


# FPZ-2

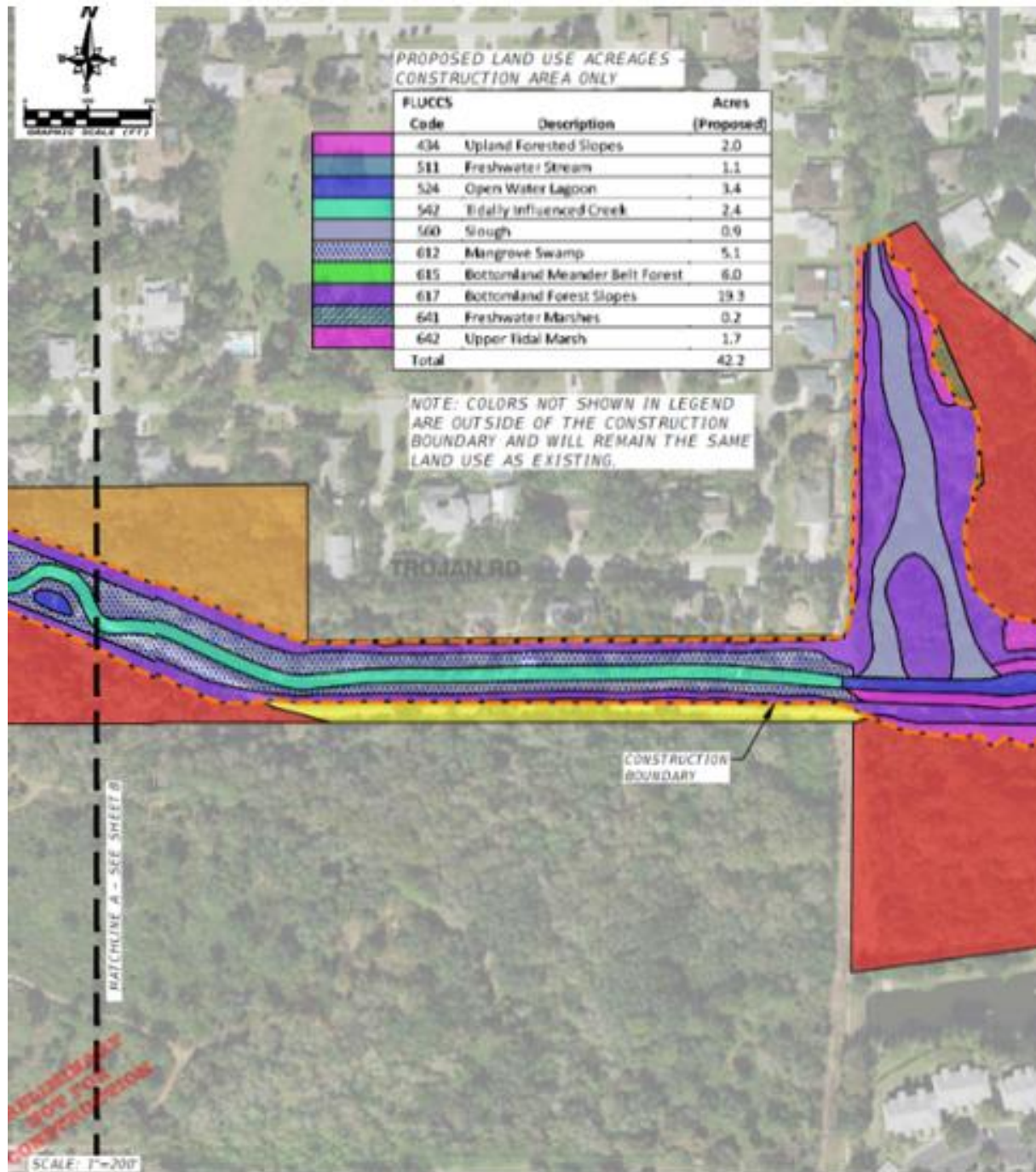




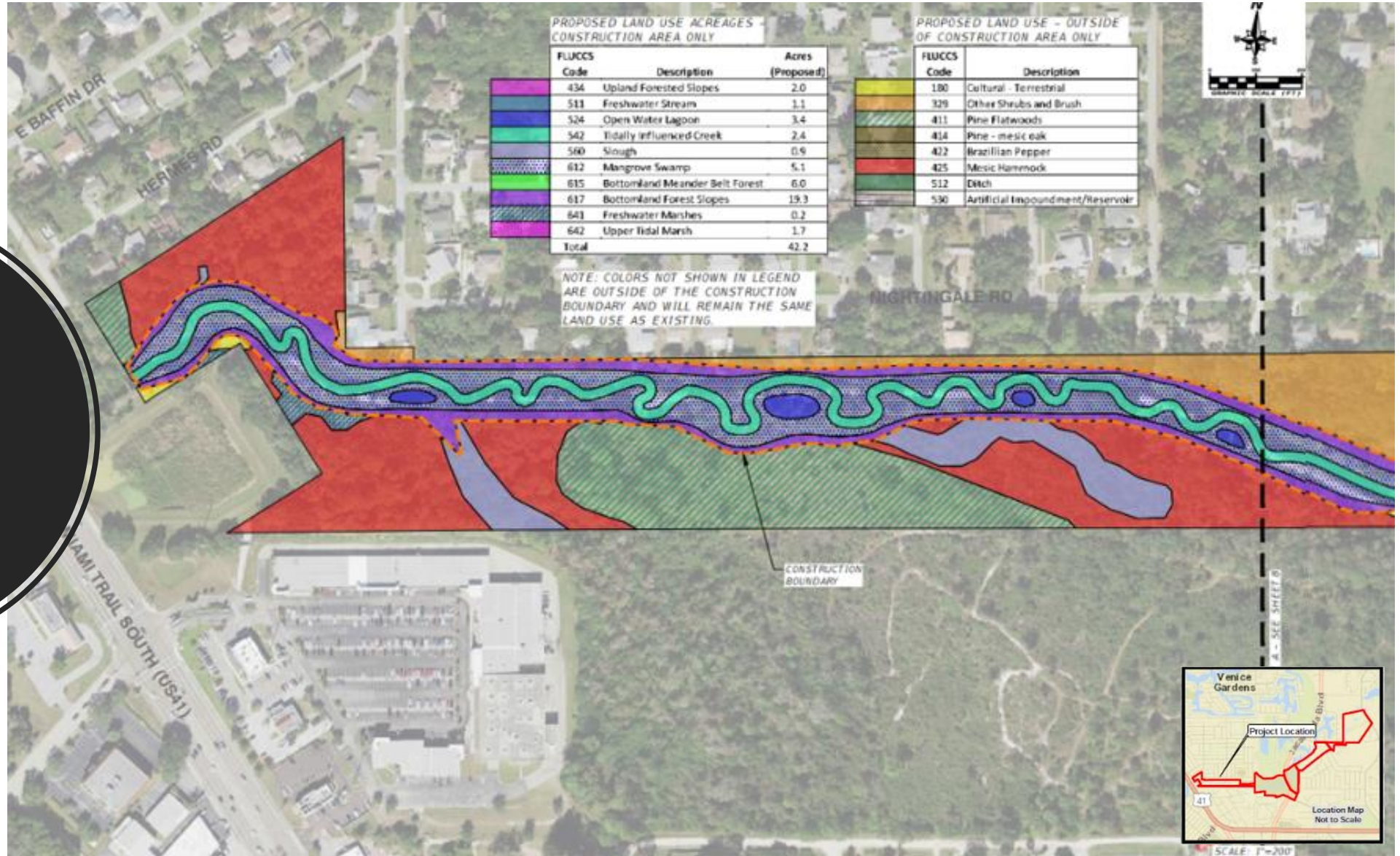
FPZ-3



# FPZ-4



# FPZ-5



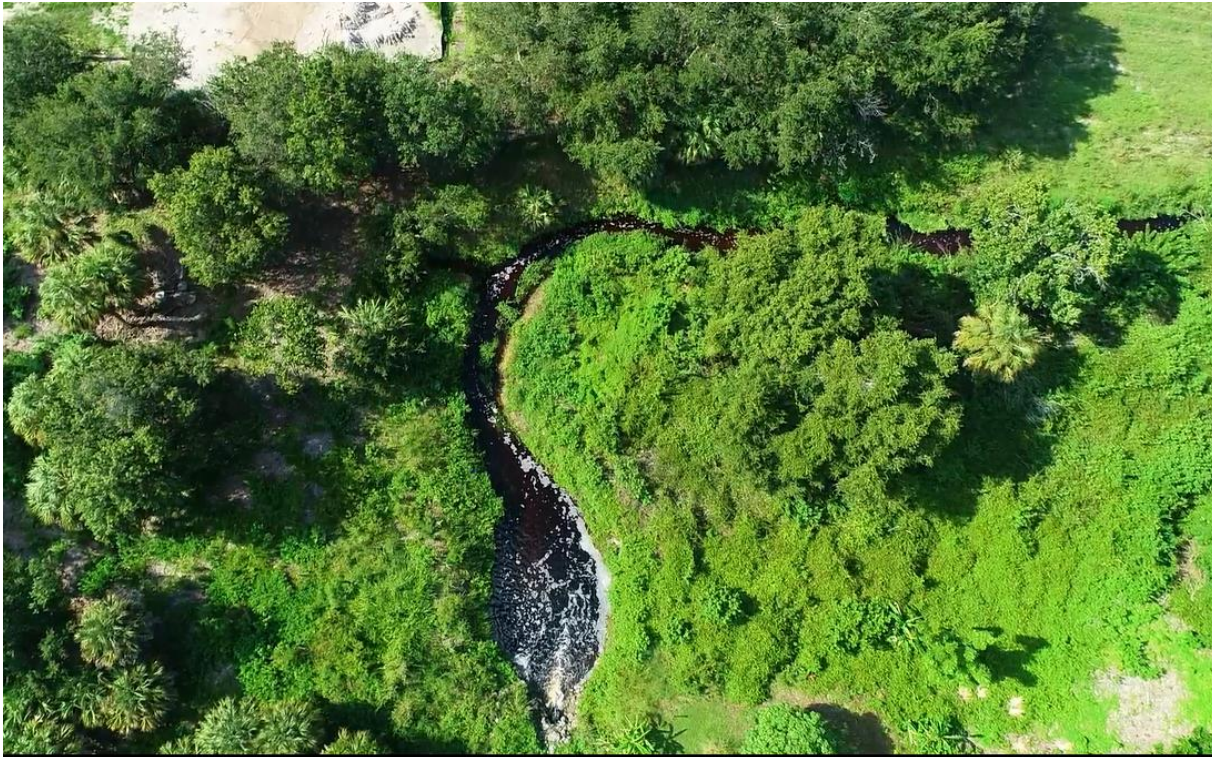
# Alligator Creek Stream Restoration

## Biological Monitoring



# Alligator Creek Stream Restoration

## A Biologically Diverse & Beautiful Bioreactor



*from Dr. Nate Brennan, Mote Marine Laboratory*





# Alligator Creek Stream Restoration

Project Vision

