



Improving Water Quality in the Lake Worth Lagoon

A Cooperative Plan for Creating the “Spoonbill STA” Adjacent to the C-17 Canal

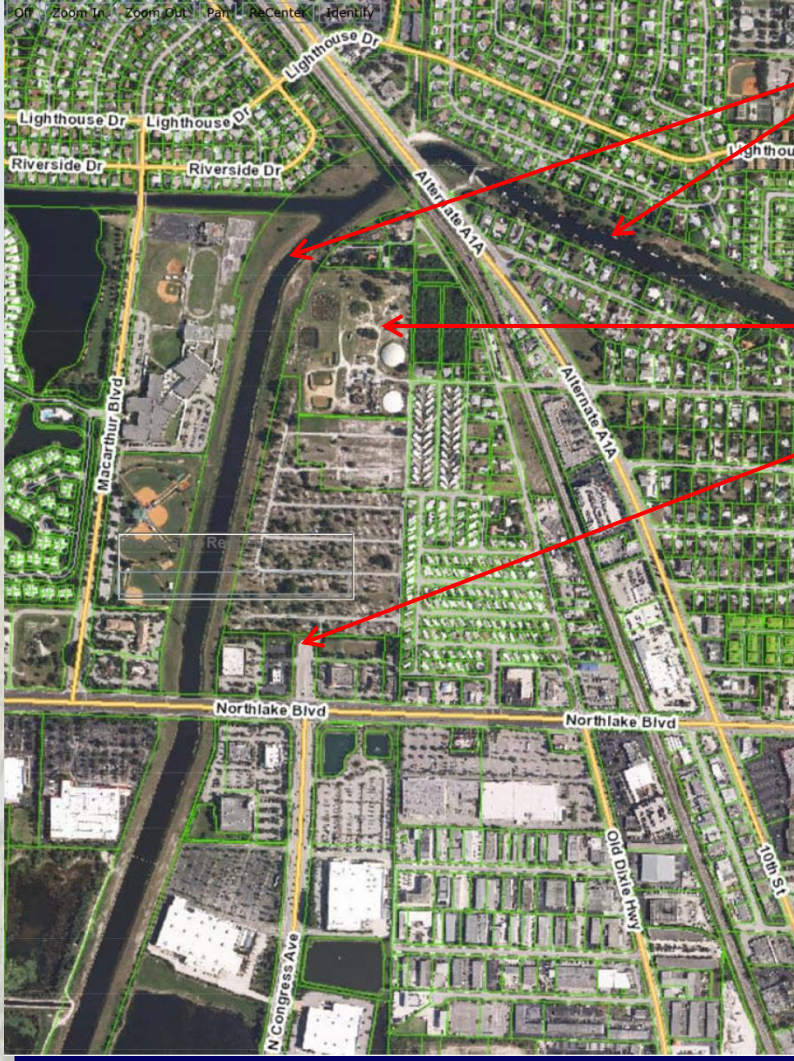
*A Presentation Prepared by:
March, 2016*



Sustainable
Palm Beach County



C-17 Spoonbill STA at Congress Extension

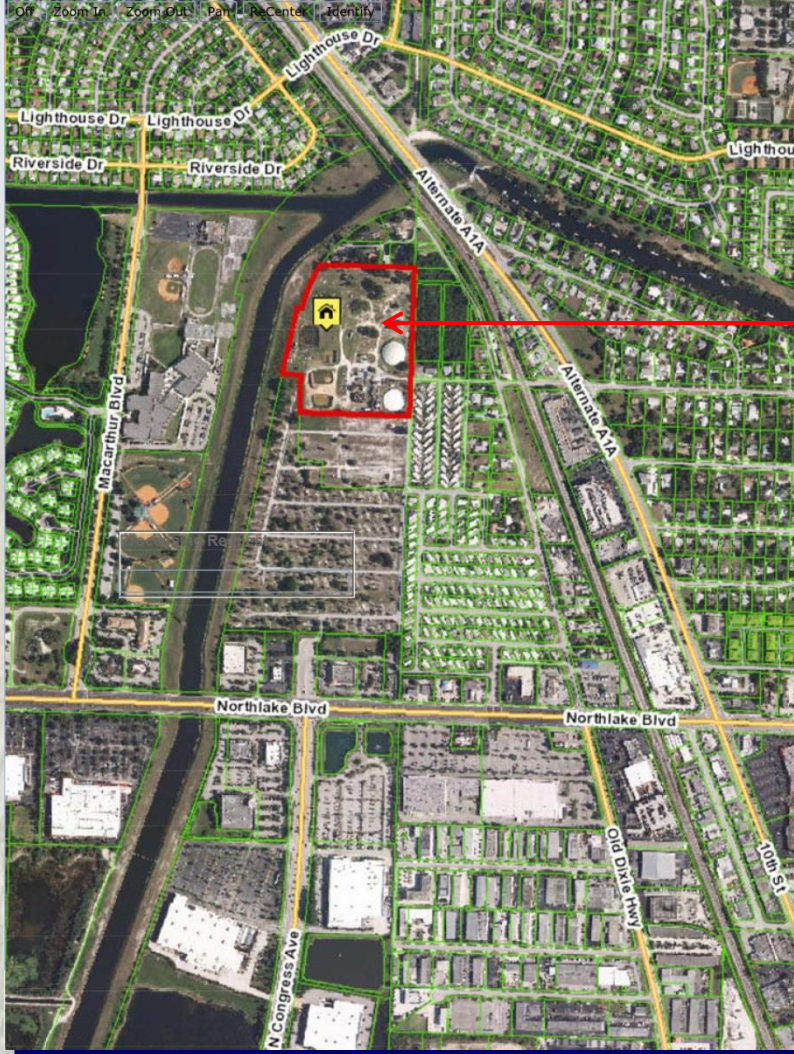


C-17 Canal (Earman River) flows directly into the Lake Worth Lagoon.

East of the canal, two significant things are planned:

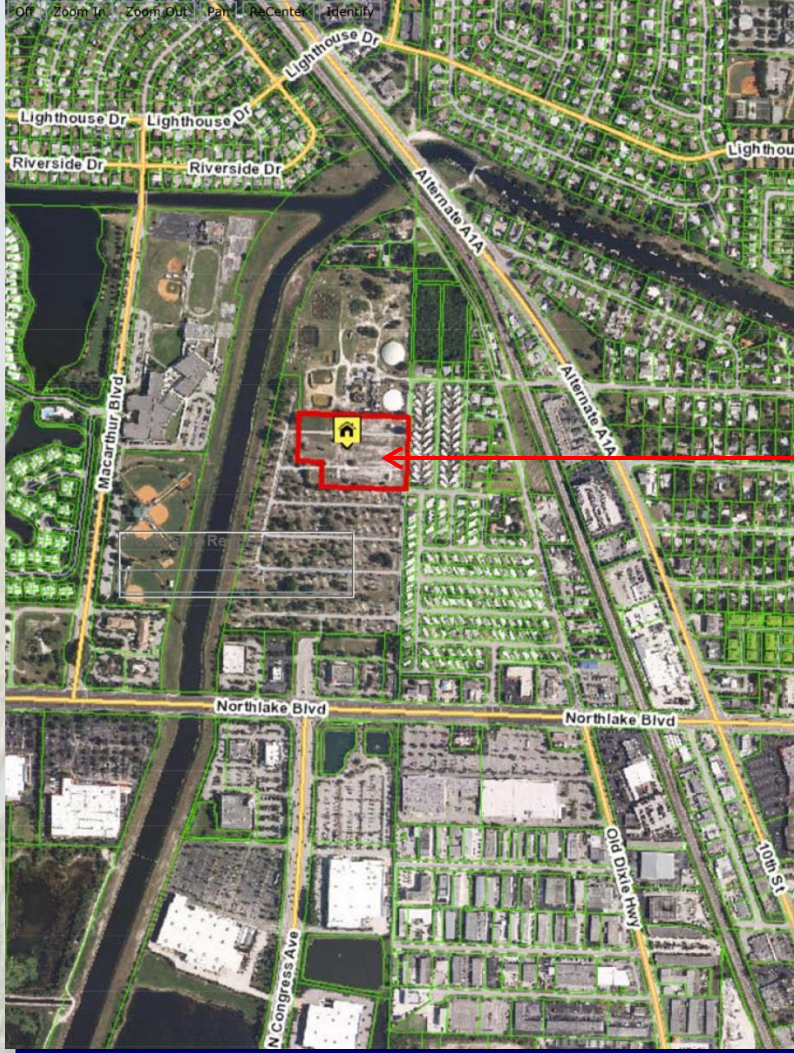
1. Seacoast Utilities wants to lease some of the land they own here.
2. Congress Avenue is scheduled to be extended north from here.

C-17 Spoonbill STA at Congress Extension



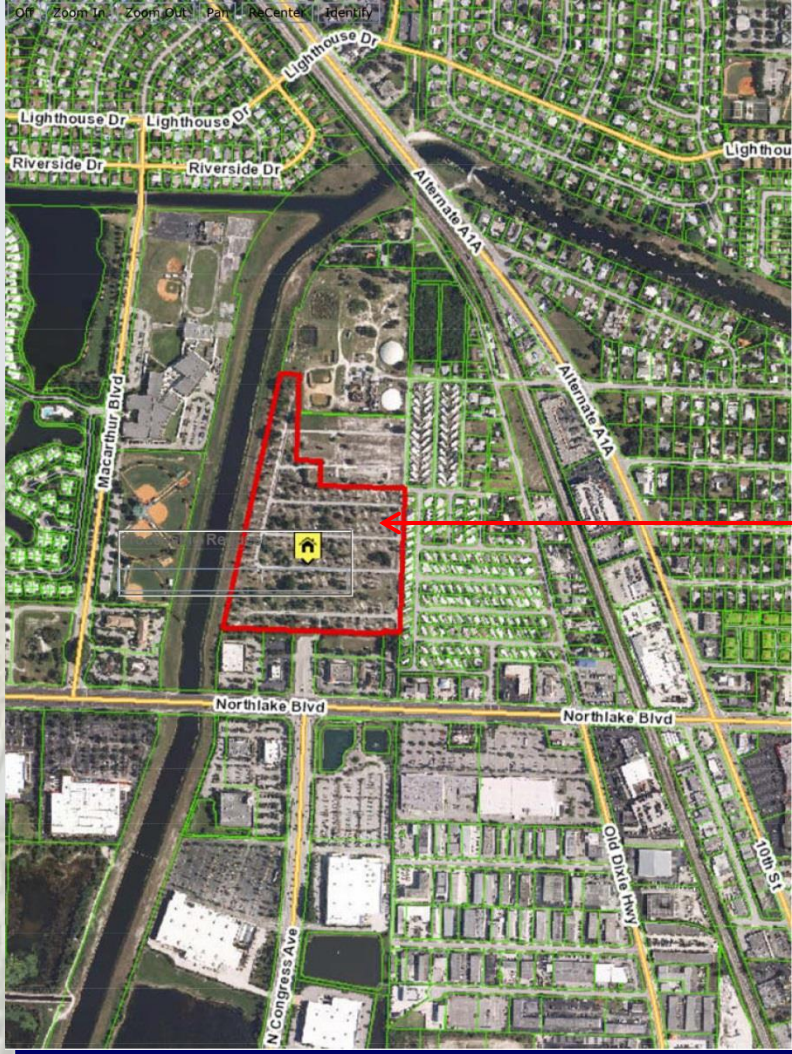
Seacoast Utilities owns 14.07 acres at this location. They are presently seeking proposals to lease approximately 9 of those acres.

C-17 Spoonbill STA at Congress Extension



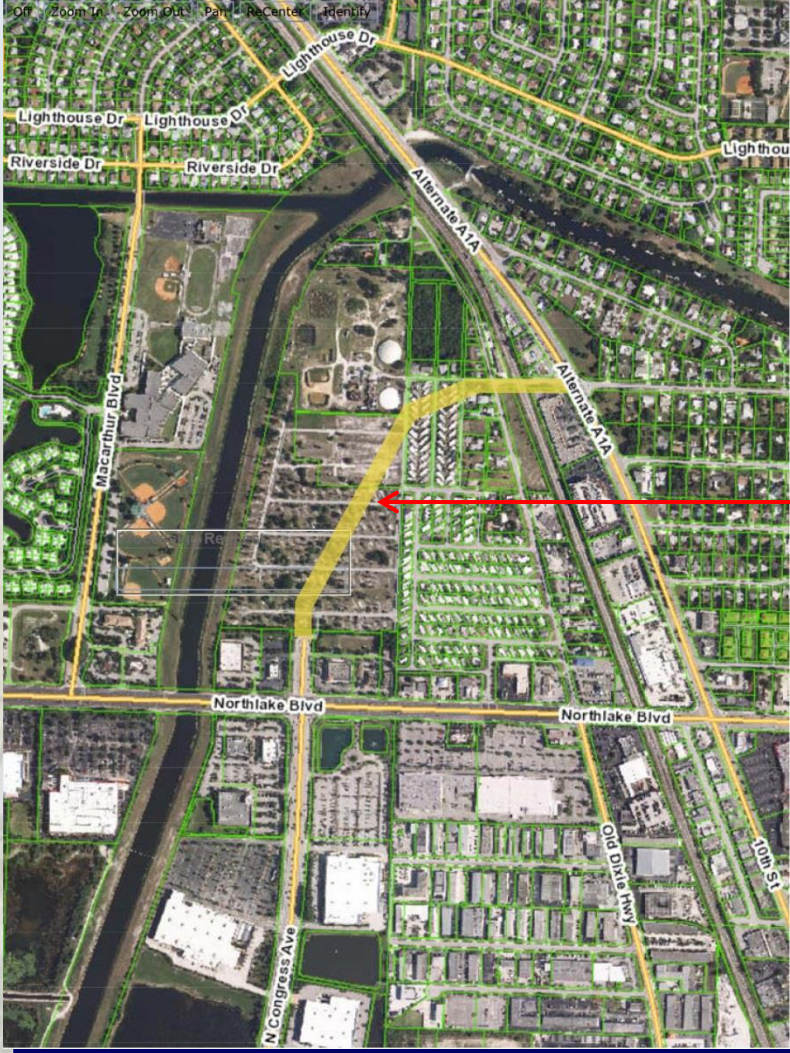
The City of Palm Beach Gardens owns 6.12 acres at this location. It will be bisected by the Congress Avenue extension to the north.

C-17 Spoonbill STA at Congress Extension



This 23.16 acre site is owned privately by Hilltop Residential, LLC. It also will be bisected by the Congress Avenue extension to the north.

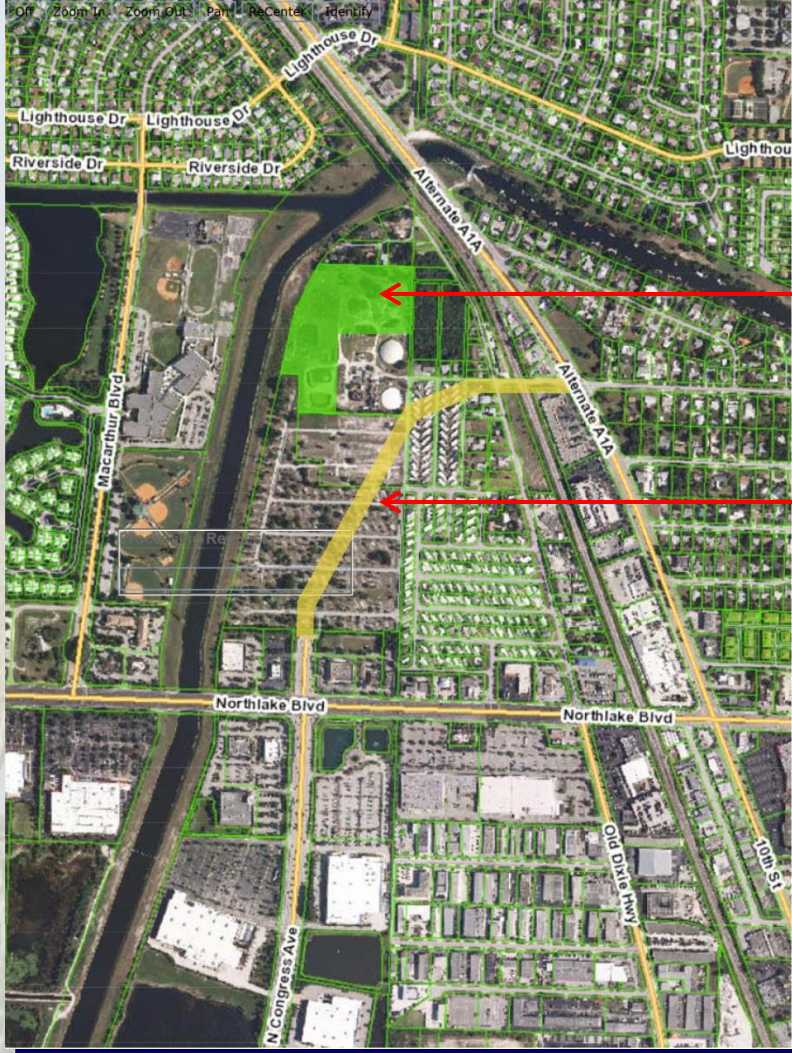
C-17 Spoonbill STA at Congress Extension



The Congress Avenue extension to the north is presently proposed to follow this route.

Congress Extension to Richard Road

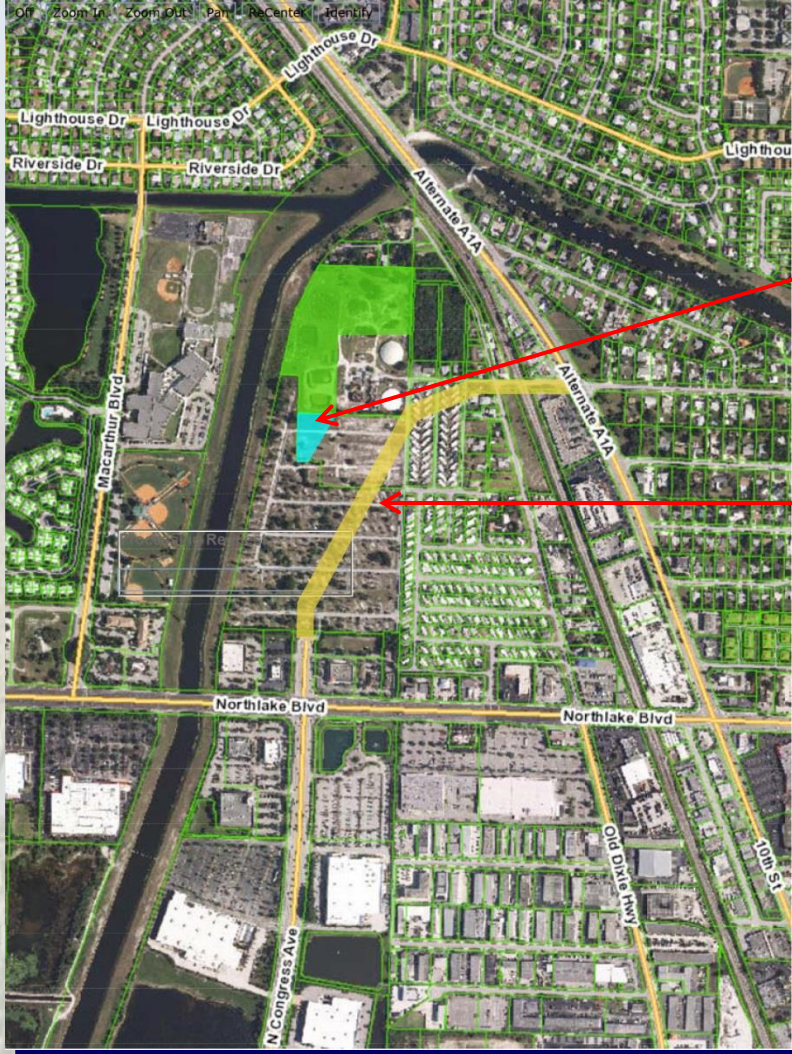
C-17 Spoonbill STA at Congress Extension



This is the 9-acres Seacoast is seeking to lease. We would like to see it used to create the “Spoonbill STA”.

Proposed Congress Avenue extension

C-17 Spoonbill STA at Congress Extension



Approximately 1-acre of the Palm Beach Gardens parcel could expand it to a 10-acre STA.

Proposed Congress Avenue extension

C-17 Spoonbill STA at Congress Extension

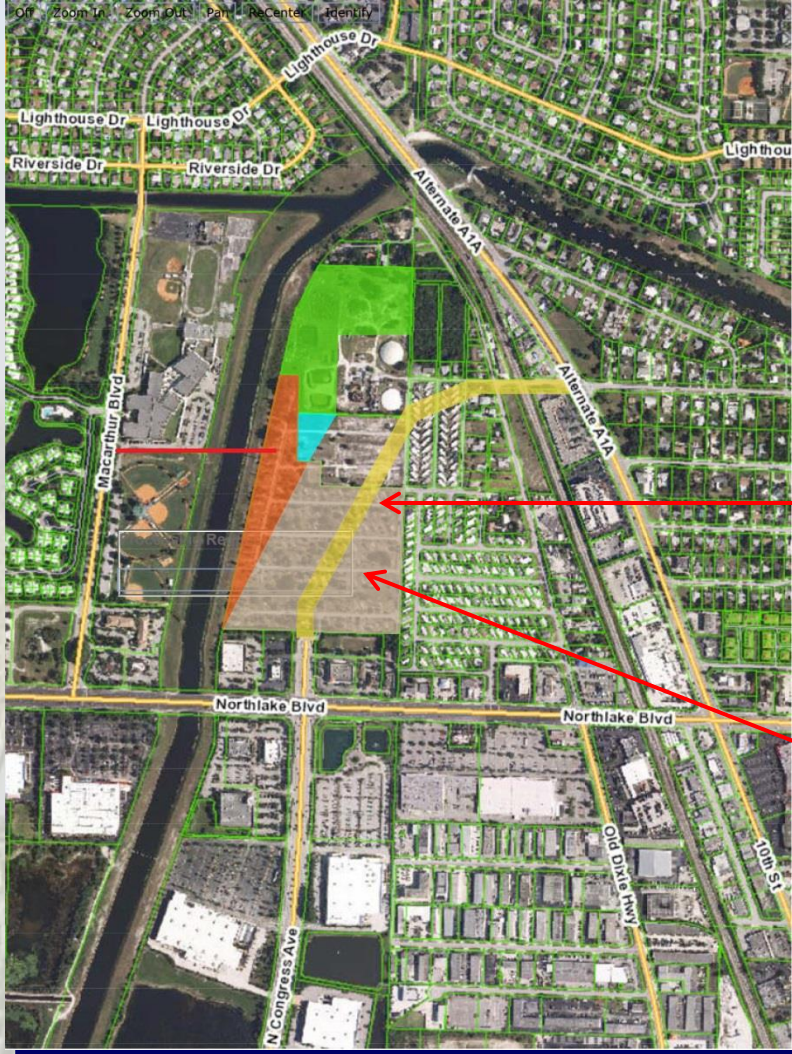


Additionally, if the Hilltop developer could be incentivized (through increased development rights) to donate approximately 6-acres along the canal, the STA grows to a total of 16-acres.

Proposed Congress Avenue extension

The Hilltop piece also creates the potential for public access to the STA through the Lake Catherine Sports Complex and/or Howell Watkins Middle School.

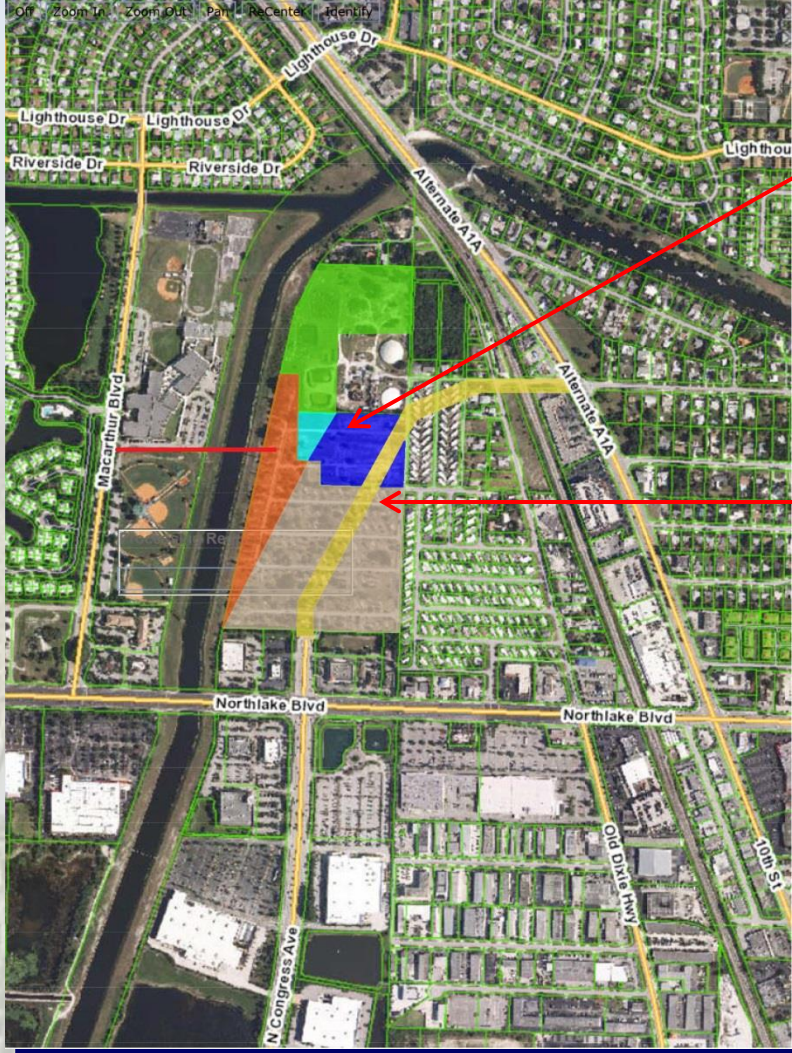
C-17 Spoonbill STA at Congress Extension



Proposed Congress Avenue extension

The remaining 17-acres of the Hilltop Parcel could be rezoned for increased density along Congress Avenue in exchange for the 6-acre donation to the STA project.

C-17 Spoonbill STA at Congress Extension



The remaining 5-acres owned by Palm Beach Gardens would be a welcome addition to the STA, or used for another public purpose.

Proposed Congress Avenue extension

C-17 Spoonbill STA at Congress Extension



Similar to Green Cay STA in Boynton Beach, there are numerous environmental benefits to creating Spoonbill STA:

- Increases storm water storage capacity
- Water polishing and well field recharging
- Cleans C-17 water before entering the Earman River and Lake Worth Lagoon
- Mitigation credits for future development
- Provides a wildlife corridor helping connect other natural areas to the west (Grassy Waters) and east (MacArthur Beach State Park)
- Public recreational opportunities
- Howell Watkins Living Laboratory
- Great example of environmental sensitivity

Environmental Advantages



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Thank you!