

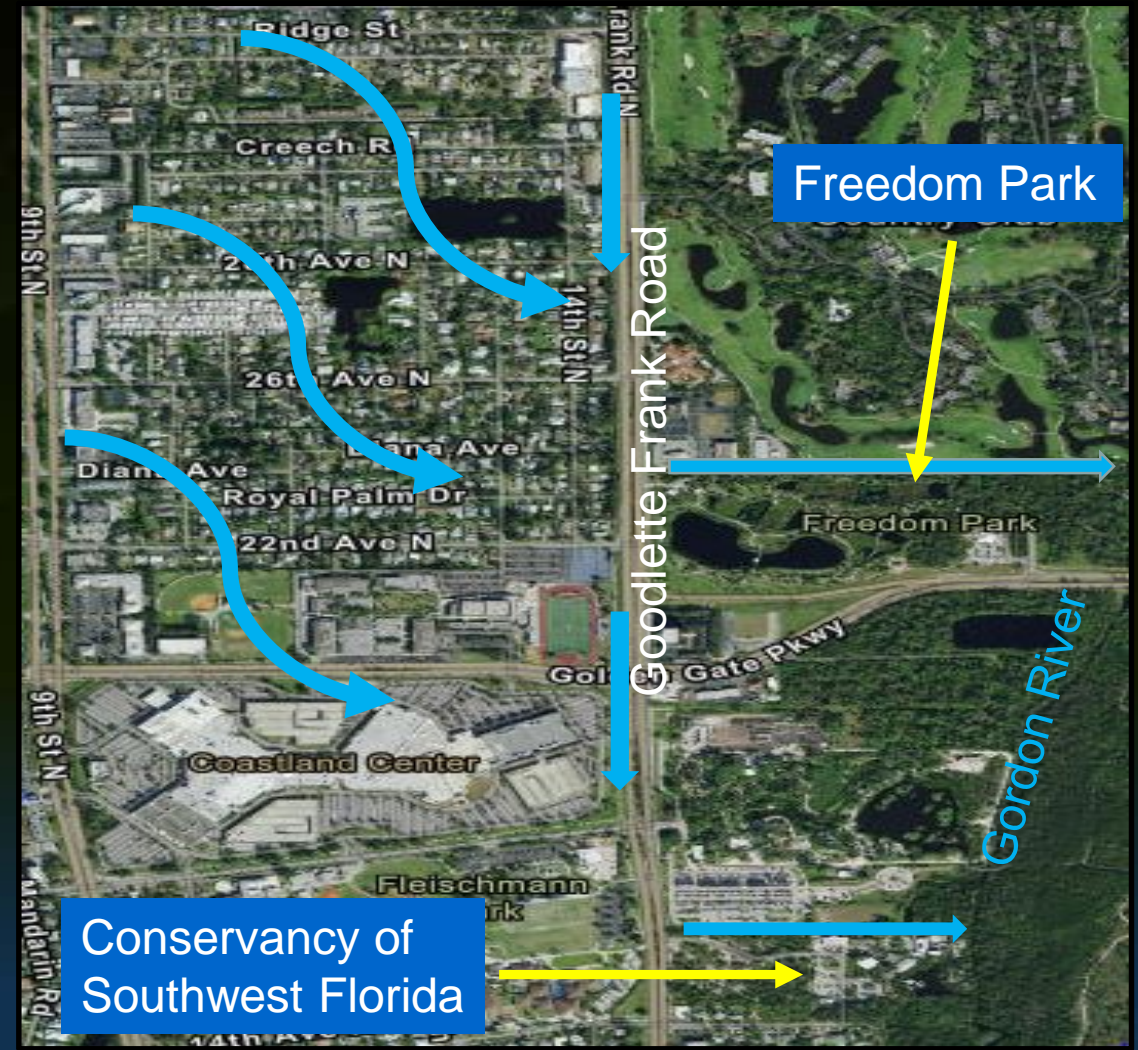
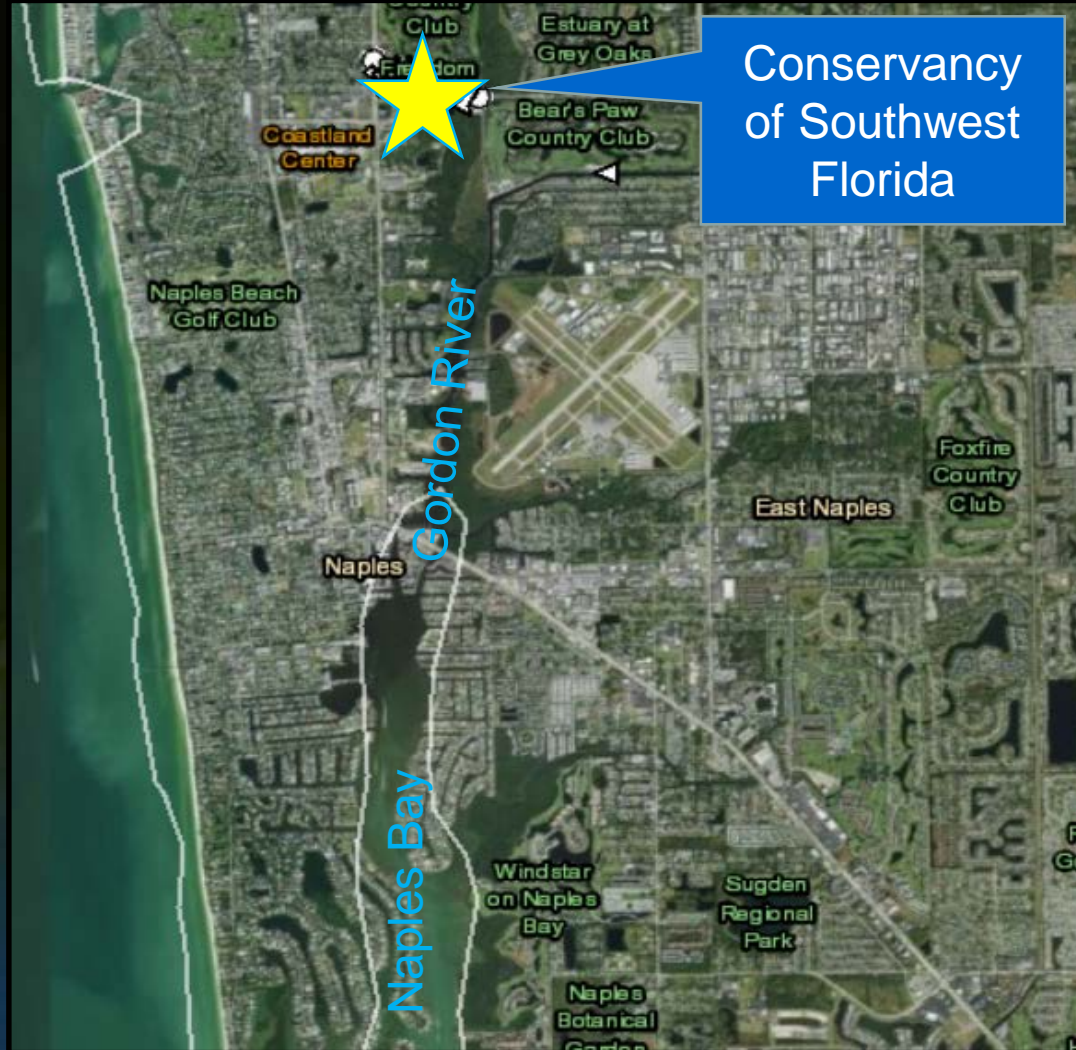


# Filter Marsh Expansion Project for Improved Water Quality with the Conservancy of Southwest Florida

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February 21, 2020



# Filter Marsh Expansion for Improved Water Quality





# Filter Marsh Expansion for Improved Water Quality





# Filter Marsh Expansion for Improved Water Quality



## Existing Filter Marsh Water Quality:

- Mean Total Nitrogen and Total Phosphorus reduced by 16%
- Ammonia concentrations decreased by 41%
- Fecal coliform levels dropped by 20%





# Filter Marsh Expansion for Improved Water Quality





# Filter Marsh Expansion for Improved Water Quality



## Benefits of filter marsh expansion:

- Stormwater treatment
- Improve water quality
- Habitat for aquatic wildlife
- Continued educational value



# Recommendation

- Provide funding to the Conservancy of Southwest Florida for Filter Marsh Expansion for Improved Water Quality in an amount not to exceed \$150,000.



# QUESTIONS?

