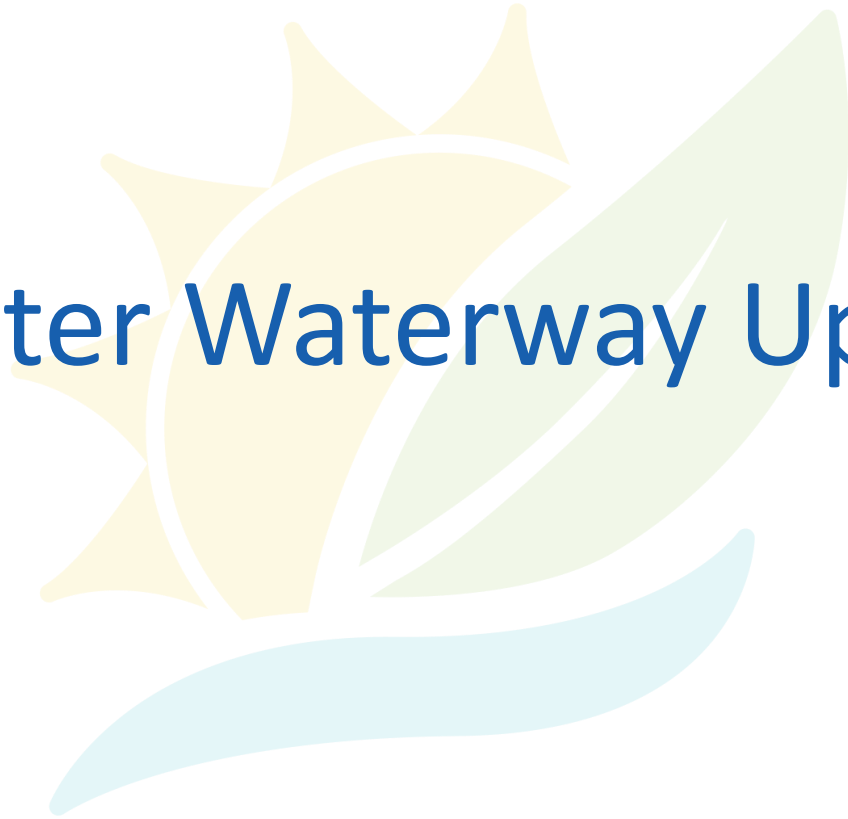


# Manchester Waterway Update



# Background

- Citizen requested project
- Due to the legal requirements of the MSBU they could not fund a feasibility study. Funding was split between various sources.(General fund, WCIND, Manchester Civic Association)
- Feasibility study completed April 2019
  - Staff has reviewed feasibility study and attended several meetings with FDEP

# Background

- Citizens are looking for a way to move forward with the project
- FDEP determined the County needs to be the lead agency to provide the best opportunity to obtain an easement over state lands

# Next Steps

Hire a consultant for design and permitting:

- Estimates provided(cost and timeframes)
- Best educated estimates, based on most current information
  - City of Punta Gorda's recent cut-through (Cut through not over State lands)
  - Feasibility Studies (Manchester Cut Through and South Gulf Cove Lock South End)

# Next Steps

## Challenges:

- New dredge within the aquatic preserve
  - Expect push back from FDEP Aquatic Preserve staff
- Small-tooth sawfish critical habitat
- Cut through is in State lands
  - Easement will be required (FDEP had to discuss how this will work)
  - Cannot get permit without easement; however, State does not want to issue an easement unless a permit is a guarantee.
  - Per FDEP staff, this would require going in front of the Board of Trustees twice for approval

# Next Steps

Design and permitting (\$125,000 - \$200,000) to include all permits listed below and possibly others

- Hydrographic study
- Army Corp of Engineer's Permit
- Environmental Resource Permit
- Easement over State land

# Next Steps

## Additional Needs for Design and Permitting:

- Water Quality Testing \$5,000 - \$12,000 per year for as long as required
- USF Study of Hydrodynamic Effects - \$26,491 (May be required)
- Staff Time \$25,000
- Special Assessment District Study \$15,000 (Based on City's Study)
  - Not everyone in the Manchester Waterway MSBU may receive benefit.
  - Determine who should pay and how much based on their benefit

# Next Steps

## After Design and Permitting Estimates:

- Mitigation Fee \$129,000 - \$523,000+
  - It should be noted that these estimates are based on known impacts captured in the feasibility study.
  - The work associated with the Feasibility Report occurred outside of seagrass growing season and there is a potential for additional impacts outside of those identified.



# Next Steps

## Public Interest Criteria:

- Land Acquisition \$50,000 - \$450,000 +
  - This proposed project has unavoidable impacts due to the State owning the entire peninsula.
  - These cost are not quantifiable but based on conversations with the State Lands representatives during South Gulf Cove Lock feasibility study these are as close as we can get to an estimate.
  - Not sure type of property we would need to acquire.

# Next Steps

Public Interest \$20,000 - \$30,000 +

- According to the Development Feasibility Report “Finally, the bottom line is how much it will cost to meet the Public Interest Test.” This question cannot be answered until conversations occur with the agencies and the total impacts are evaluated.

# Next Steps

- Feasibility Study Cost Estimates
  - Construction \$2,381,107 - \$4,382,620
    - Range for all options
    - No bathometric survey information to review if costs are accurate
    - Channel depth of -4' MHW

# Next Steps

- Staff's Cost Estimates
  - Construction \$3,421,058 - \$6,108,950
    - Range for all options
    - No bathometric survey information
    - Based on feasibility study numbers but increasing depth to -5' MHW

# Next Steps

- Time Estimate:
  - Design and permitting 3-4 years
    - Based on City's cut through timeframes
    - The unknown is the easement over State lands
    - Many tasks can be completed concurrently; however, this is not something that occurs regularly so timeframes are unknown and some delays may occur.
  - Mitigation Fee – This can be done quickly and can be done coinciding with construction.

# Next Steps

- Time Estimate:
  - Mitigation Fee – This can be done quickly and can be done coinciding with construction.
  - Public Interest
    - Land acquisition – Unknown. This depends on how much land, what type of land, and if you have willing sellers.
    - Other public Interest criteria requirements - Unknown. This depends on what the Public Interest requirements are in past experience can usually be done quickly and can be done simultaneously with construction.
  - Construction Time- 8-14 months depending on amount of material to be removed.

# Costs Estimate Total

- Preconstruction design land acquisition and permitting (estimate based on 5 years)  
\$390,500 - \$1,289,500
- Construction \$2,381,107 - \$6,108,950
- Total \$2,771,607 - \$7,398,450