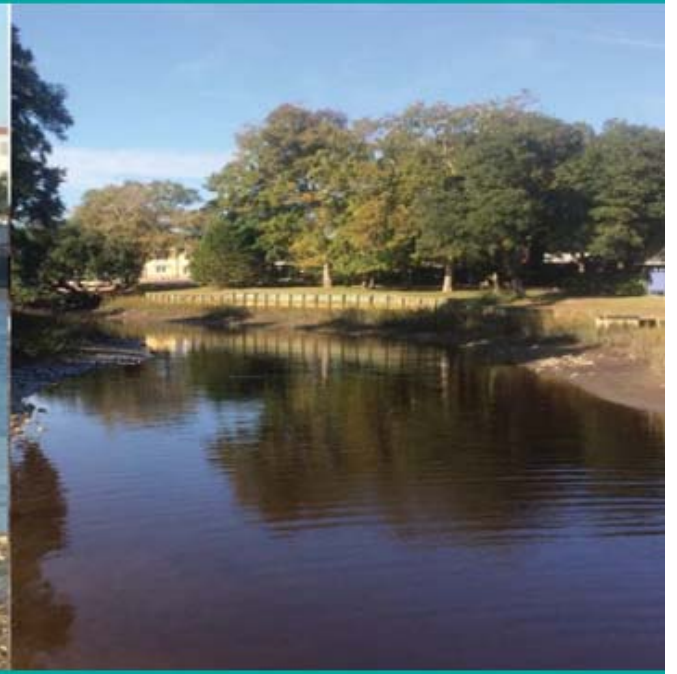




SUNSET BEACH

North Carolina

Sunset Beach Navigation Project
Update to Town Council
September 04, 2018





Discussion Outline

- Review Overall Project Scope
 - Mary's Creek & Turtle Creek
 - Feeder Canal, Bay Area, S. Jinks Creek
- Current Project Status
- Results of USACE Discussions for Disposal Islands
- Conceptual Truck-Haul Project
 - Mary's Creek & Turtle Creek
 - Feeder Canal & Bay Area
- Permit Submittal Status
- Revised Construction Schedule
- Comments & Questions

Reference Map





Reference Map



Feeder Canal &
Finger Canals
(~32,700 CY)

S. Jinks Creek
(~40,500 CY)

Bay Area
(~15,900 CY)

Google earth

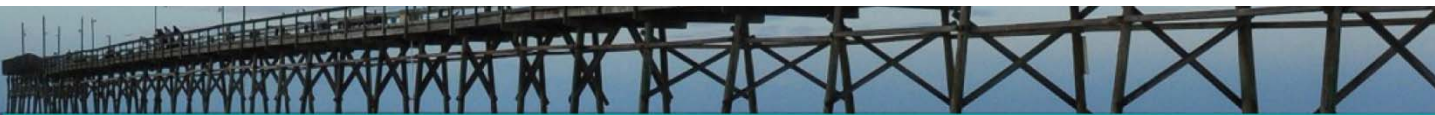
© 2018 Google

Imagery Date: 11/15/2017 lat 33.873172° lon -78.488797° elev 0 ft eye alt 8488 ft



Current Project Status

- Mary's Creek & Turtle Creek permit under review, but on hold due to lack of material placement (disposal) location.
- Feeder Canal, Bay Area & S. Jinks Creek permit has not been submitted due to lack of material placement (disposal) location.
- N. Jinks Creek has been removed from the project due to environmental concerns (shellfish).
- Permitting Agencies have confirmed a variance to rule 15A NCAC 07H.0208(b) F will be required in order to exclude dredging a connection to either the AIWW or the Atlantic Ocean. (N. Jinks Creek has been considered the primary option to satisfy the rule; however, Tubbs Inlet or Eastern Channel may also be options.)



Results of USACE Discussions for Disposal Islands

- USACE has agreed to let us use disposal island 311 along the AIWW under the following conditions:
 - **All placed material must be removed within 1 to 3 years.**
 - Town must pay for improvements to the island such as vegetation clearing, dike improvement, etc..
 - All cost associated with removing the material shall be the responsibility of the Town.
 - May still be responsible for tipping fee.
 - USACE will need financial assurance prior to beginning the work to ensure any placed material would be removed.
 - **Agreement between USACE and Town would need to be circulated through HQ (Washington DC) prior to authorization.**



Conceptual Truck Haul Project

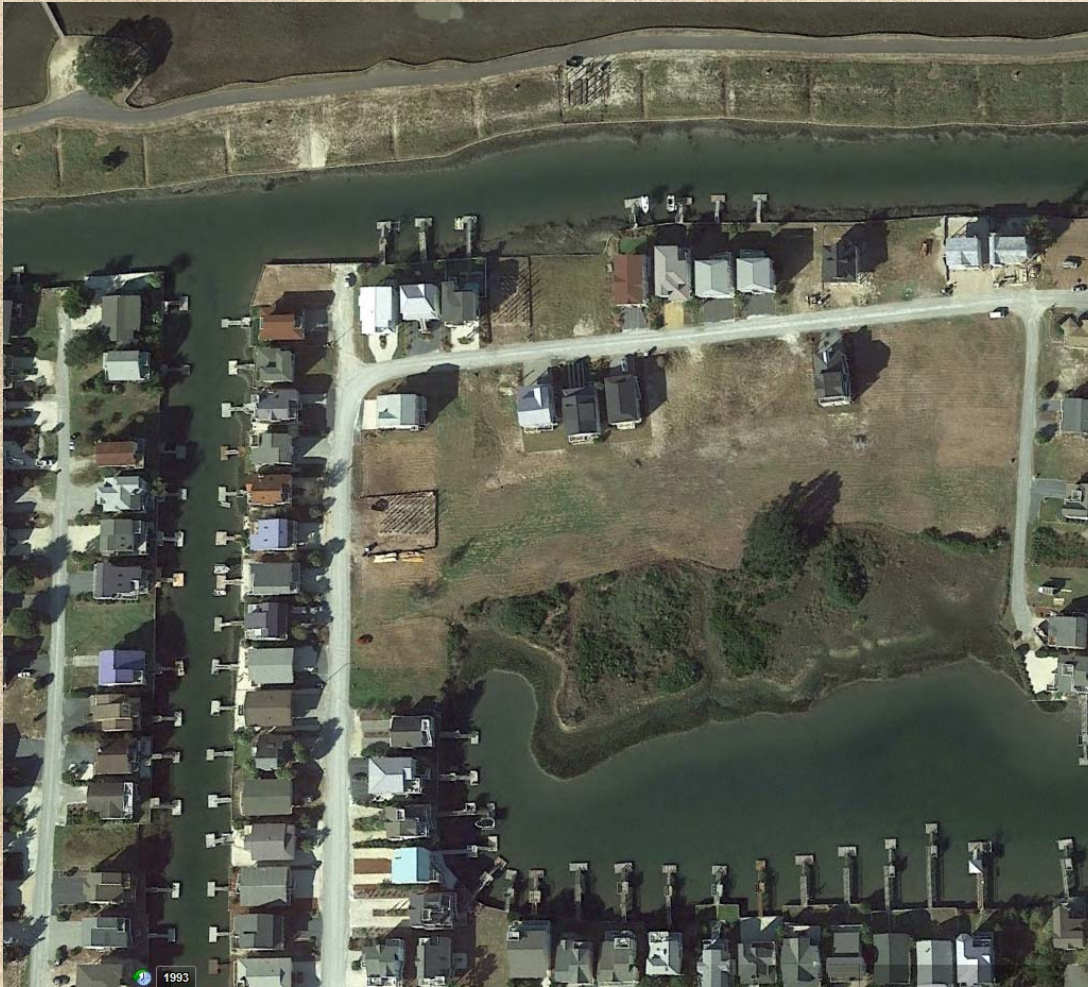
- USACE use agreement unlikely for this year due to timing.
- Truck Haul project would entail dredging by a backhoe or excavator.
- Material would be loaded to a truck and transported to upland site. (Temporary stockpiling may be necessary for dewatering.)
- Currently working to identify offloading site, dewatering site, & disposal location.
- Construction schedule would be considerably longer and cost will increase.
- State grant would still cover 2/3rds of cost.
- Hopeful to remain within the overall project budget due to removal of N. Jinks Creek & the additional cost to improve the USACE spoil islands.

Conceptual Truck Haul Project (Mary's & Turtle Creek)



- Crabby-Oddwaters / Bills Seafood most likely off-loading site.
- Ike Williamson pit most likely end-use site, pending owner approval.
- 3 potential dewatering sites nearby, pending owner approval.

Conceptual Truck Haul Project (Feeder Canal & Bay Area)



- Cobia Street most likely place for off-loading, pending owner approval.
- Majestic Oaks most likely dewatering site, pending owner approval.
- Ike Williamson pit most likely end-use site, pending owner approval.



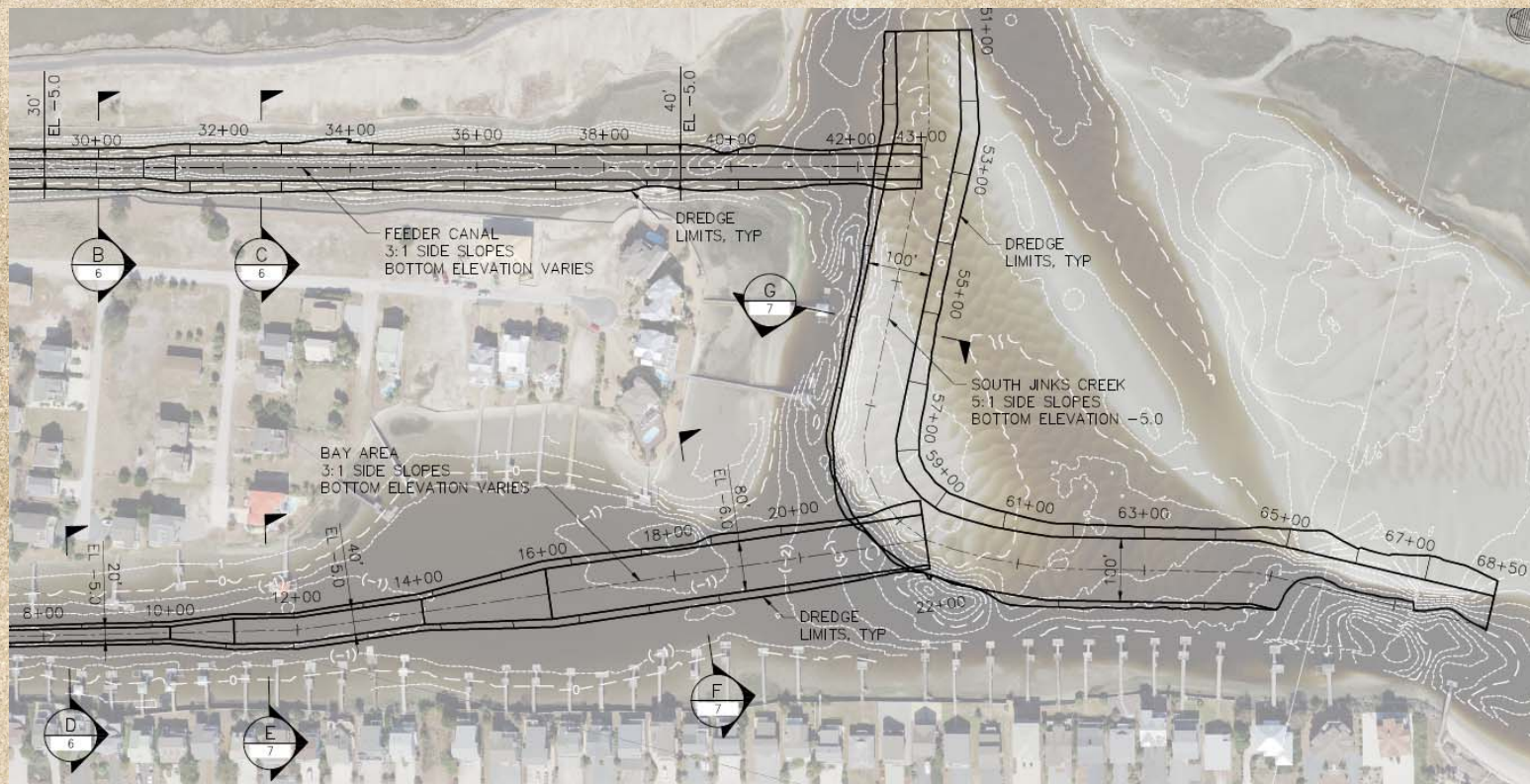
Permit Submittal Status & Construction Schedule

- Permits and cost estimate will be updated based on truck haul strategy by early October (pending successful negotiations of off-loading sites, dewatering sites, and final placement areas).
- Mary's & Turtle Creek could begin construction as early as December with completion in early March.
- Feeder Canal & Bay Area could begin construction as early as February with a 3 ~ 5 month construction period, assuming approval of variance request.
- Construction activities most likely would not be allowed past April, allowing only an approx. 3 month construction period this year.
- A second operation would be necessary next November for final completion.



Construction Schedule

- S. Jinks Creek could begin construction as early as February with completion in late March.





Thank you!

Questions / Comments

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