



Sunset Beach Navigation Project  
Update to Town Council  
April 21, 2020





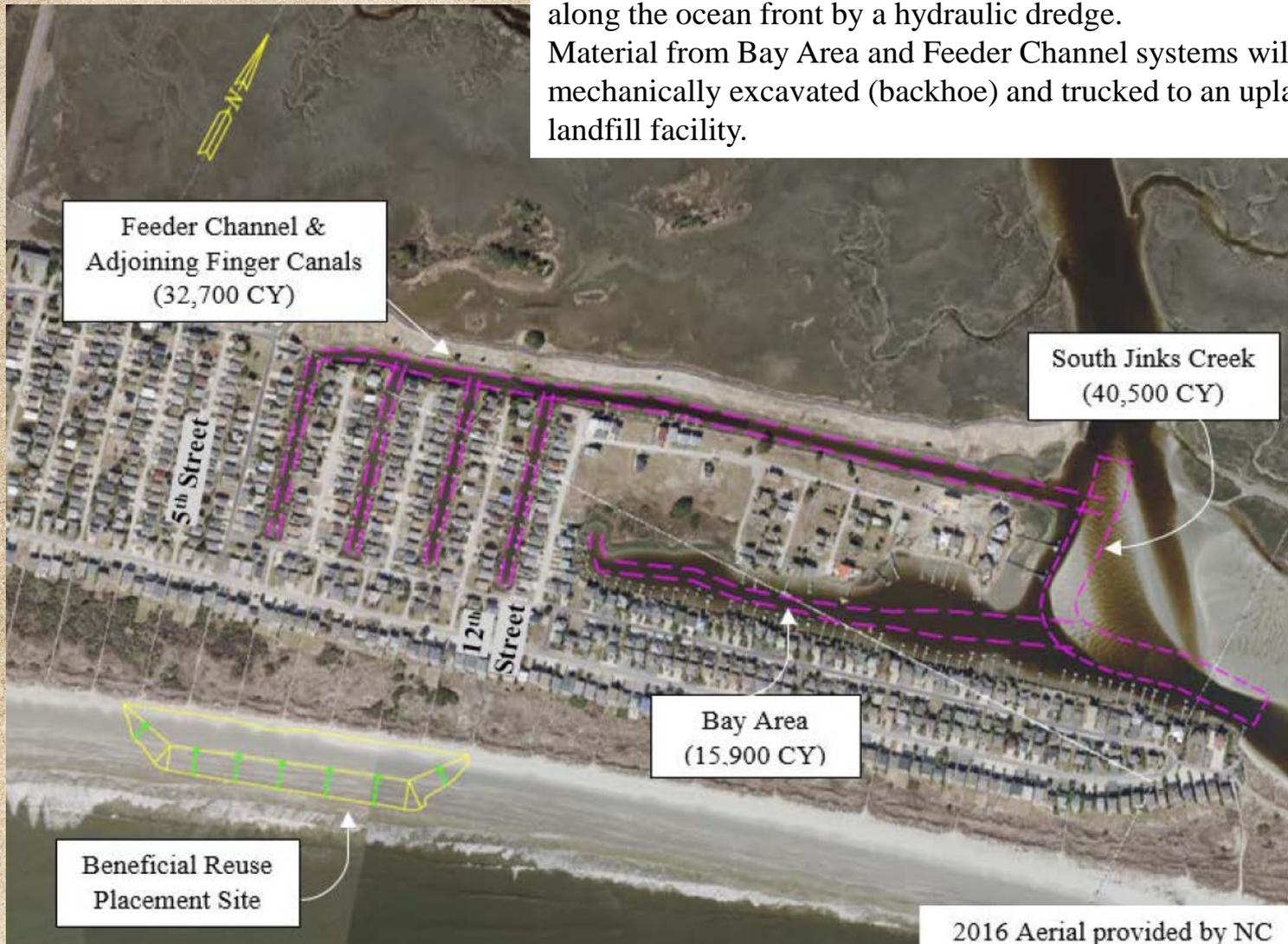
## Discussion Outline

- Permit Review Status for S. Jinks Creek, Bay Area, & Feeder Channel Systems  
CAMA Permit (with variance) issued on March 03, 2020)
- Beneficial Reuse Material Placement Location  
(Ocean Isle Beach)
- USACE Permitting Process
- Next Steps
- Comments & Questions



# Project Site Map

Material from S. Jinks Creek will be placed as beneficial reuse along the ocean front by a hydraulic dredge.  
Material from Bay Area and Feeder Channel systems will be mechanically excavated (backhoe) and trucked to an upland landfill facility.





## Beneficial Reuse Placement Area

- A material placement site has been identified on OIB, and coordination efforts are on-going to contact property owner's to determine if they would accept the sand at no cost.
- The potential site has been reviewed by the Town of OIB, and they support the initiative.
- The Town has supplied surveys to support the permitting process. However, sediment samples will still be required.
- Expect to collect the sediment samples after contacting property owners to get a reasonable expectation if the site is viable.



## Beneficial Reuse Placement Area

### Ocean Isle Beach Beneficial Reuse Placement Plan

The Town of Sunset Beach proposes to place compatible material dredged from S. Jinks Creek as beneficial reuse material along the shoreline of OIB.

#### Legend

-  OIB Permit Area-revised 041320
-  OIB Probable Placement Area



Image provided by Google Earth.



## Beneficial Reuse Material Placement

- DCM has also been contacted to inquire if they have any significant concerns over beach placement on OIB.
- Assuming no concerns expressed, submittal for permit modification should occur in late May.
- Issuance of the modification should occur in mid-August.



## USACE Permitting Process

- USACE has requested additional information pertaining to the purpose and need for the project. The request stemmed from the volume of comments received during the CAMA permitting process. To address the concerns, the USACE will process the S. Jinks Creek permit as an individual permit (IP). This process requires additional detail for the Purpose & Need and an Alternative Analysis to justify the project.



## USACE Permitting Process

- The issues should not be a significant delay, and do not require new data, field work, or analysis to be conducted.
- However, the USACE permit cannot be submitted until the beach placement site has been reasonably identified.
- Therefore, the USACE permit should be submitted in late May and requires a 120 day review.
- Approval could be as late as early October, however, expectations suggest the USACE permit will run concurrent with the State (CAMA) process (August approval).



## Next Steps

- Coordination efforts will be maintained between the USACE and DCM to identify early concerns through the permitting process.
- In early July, M&N will start preparing for construction during FY20-21 (Nov. 2020 – March 2021).
- Additional tasks will include updating the survey dataset to account for shoaled material and updating the construction estimate.
- Preparation of construction plans and specifications.
- Bid solicitation and contractor selection.
- Construction beginning in mid-November.



**Thank you!**

**Questions / Comments**

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