

WILMINGTON DISTRICT AIWW STATUS

BRENNAN DOOLEY
AIWW PROJECT MANAGER

14 NOVEMBER 2023



US Army Corps
of Engineers®



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AIWW (NC) OVERVIEW



Wilmington Responsible for 300 miles of AIWW in North Carolina

Divided into 3 Areas

- Norfolk, VA to Beaufort, NC
- Beaufort, NC to Cape Fear River, NC
- Cape Fear River, NC to Little River, SC

Authorized Depth is -12 feet

6 Associated Shallow Draft Inlets

- Bogue Inlet
- New River Inlet
- New Topsail Inlet
- Masonboro Inlet
- Carolina Beach Inlet
- Lockwoods Folly Inlet

COMPLETED, ONGOING AND PLANNED AIWW DREDGING CONTRACTS

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FY22-23 AIWW North Maintenance Dredging (Completed)



LOCATION: Onslow County, North Carolina

DREDGE TYPE: Pipeline

PLACEMENT: Beach (N. Topsail) & Upland

QUANTITY: 380,000 CY

DEPTH: 12 feet

BUSINESS TYPE: Small Business

AWARDED: 26 August 2022

COMPLETED: 30 April 2024

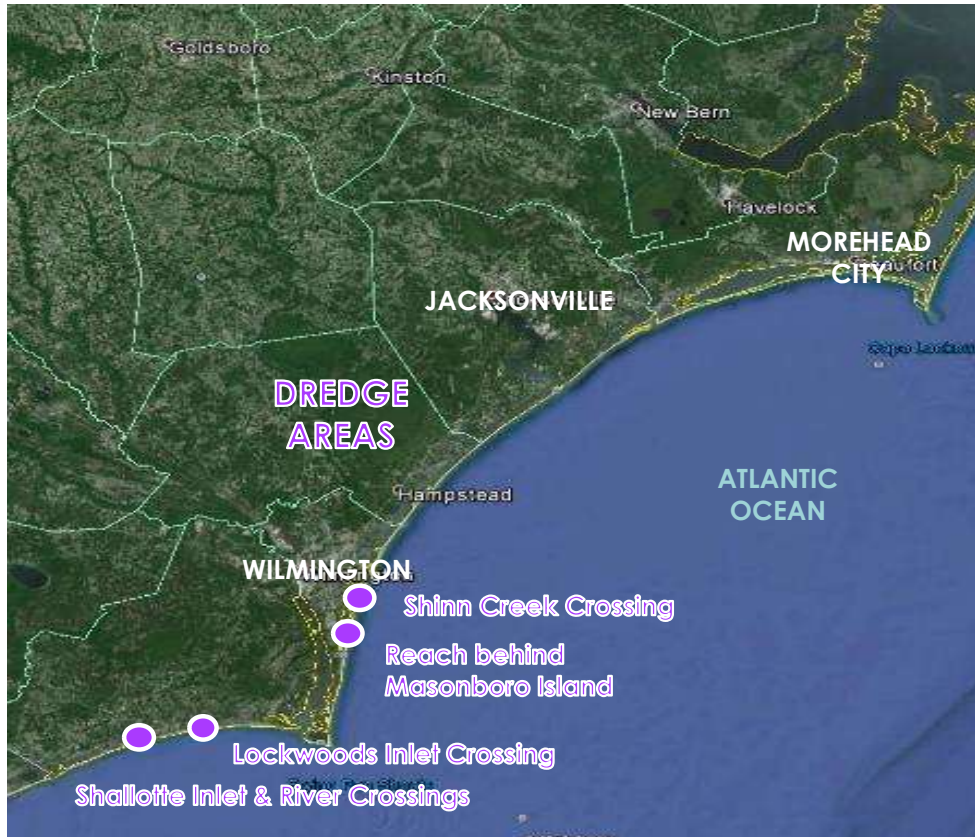
CONTRACTOR: Cottrell Contracting Corp.

WORK RESTRICTIONS/WINDOW:

Beach Placement between 16 November and 30 April



FY22-23 AIWW South Maintenance Dredging (Completed)



LOCATION: New Hanover and Brunswick Counties, North Carolina

DREDGE TYPE: Pipeline

PLACEMENT: Beach & Upland

QUANTITY: 350,000 CY

DEPTH: 12 feet

BUSINESS TYPE: Small Business

AWARDED: 16 September 2022

COMPLETED: 1 September 2023

CONTRACTOR: Southwind Construction Corp.

WORK RESTRICTIONS/WINDOW:
Beach Placement 16 November to 30 April



FY23-24 AIWW Maintenance Dredging (Ongoing)



LOCATION: Hyde, Carteret, Onslow, New Hanover, and Brunswick Counties, North Carolina

DREDGE TYPE: Pipeline

PLACEMENT: Beach and Upland

QUANTITY: 600,000 CY

DEPTH: 12 feet

BUSINESS TYPE: Small Business

AWARDED: 1 July 2023

START DREDGING: November 2023

COMPLETE: April 2024

WORK RESTRICTIONS/WINDOW:
Beach Placement 16 November to 30 April



FY24-25 AIWW Maintenance Dredging (Planned)



LOCATION: Carteret, Onslow, New Hanover, and Brunswick Counties, North Carolina

DREDGE TYPE: Pipeline

PLACEMENT: Beach and Upland

QUANTITY: 400,000 CY

DEPTH: 12 feet

BUSINESS TYPE: Small Business

ADVERTISE: July 2024

PROPOSALS DUE: August 2024

SCHEDULED AWARD: September 2024

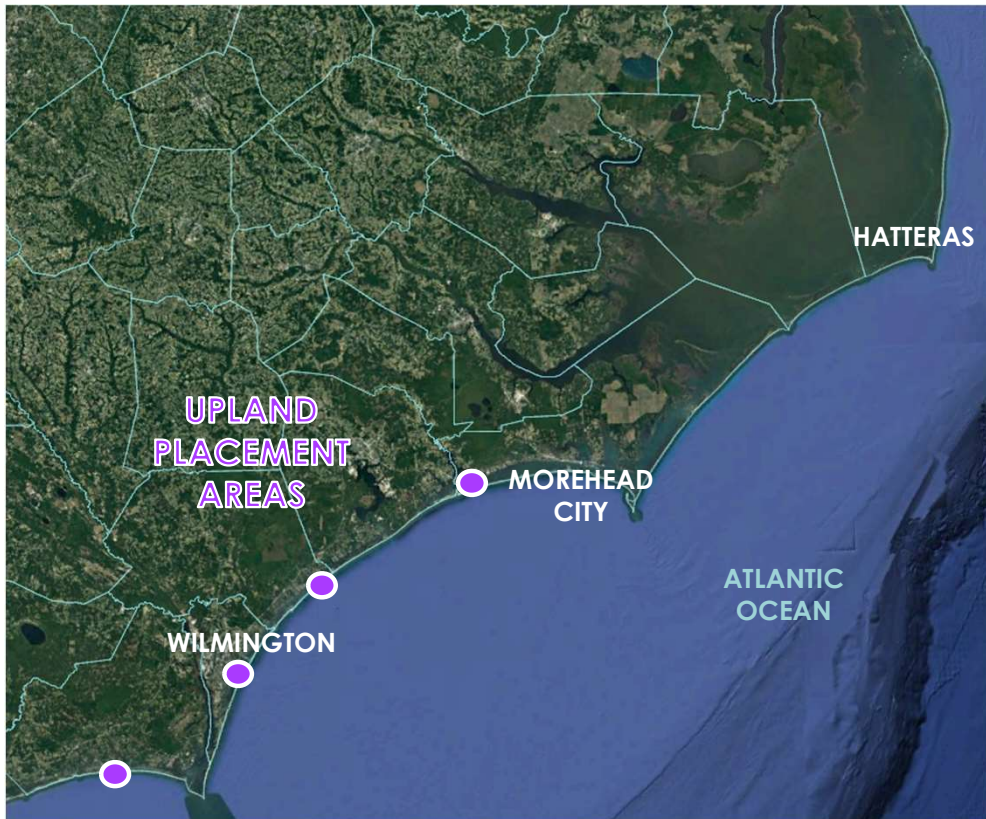
START DREDGING: November 2024

DREDGE COMPLETE: April 2025

WORK RESTRICTIONS/WINDOW:
Beach Placement 16 November to 30 April



FY24-25 AIWW Placement Maintenance (Planned)



LOCATION: Carteret, Pender, New Hanover, and Brunswick Counties, North Carolina

PLACEMENT: Upland Confined Sites

BUSINESS TYPE: Small Business

ADVERTISE: July 2024

PROPOSALS DUE: August 2024

SCHEDULED AWARD: September 2024

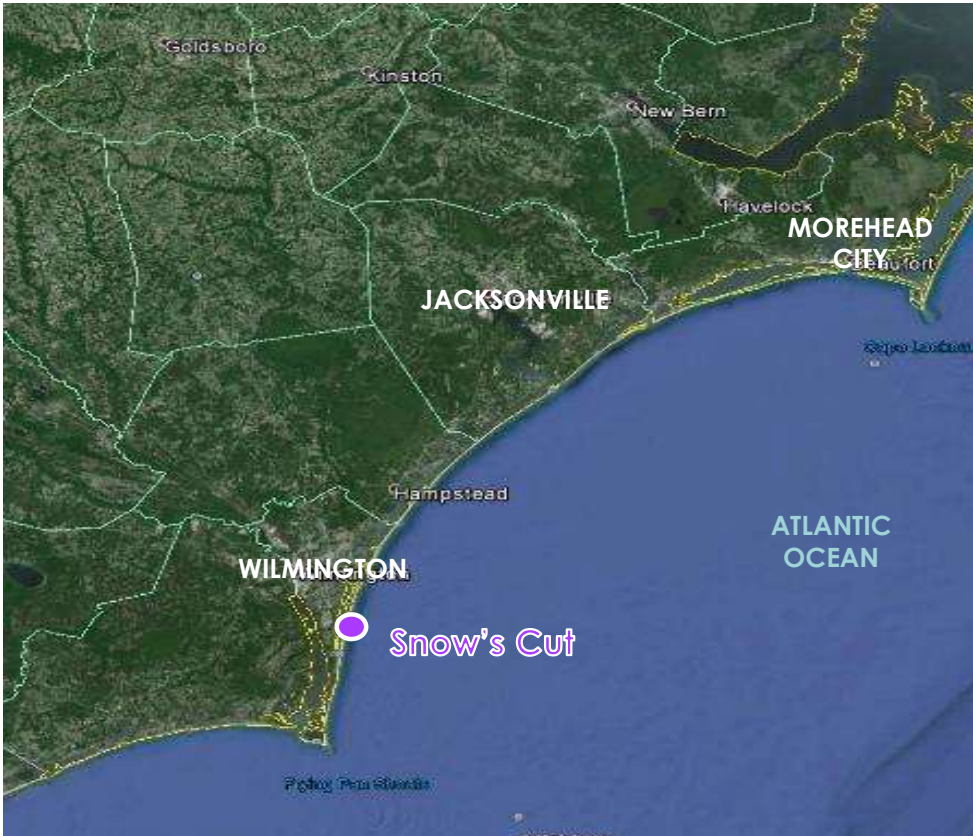
START WORK: September 2024

WORK COMPLETE: April 2025

WORK RESTRICTIONS/WINDOW: None



FY25 AIWW (Snow's Cut) Shoreline Stabilization (Planned)



LOCATION: New Hanover County, North Carolina

BUSINESS TYPE: TBD

ADVERTISE: July 2024

PROPOSALS DUE: August 2024

SCHEDULED AWARD: September 2024

START WORK: September 2024

WORK COMPLETE: April 2025

WORK RESTRICTIONS/WINDOW: None



WILINGTON DISTRICT SUCCESSES



- Potential FY24 Funding
- BIL funding SAW has conducted an assessment of the condition of significant upland placement areas.
- Planning Assistance to States – Non-Federal Dredged Material Placement Site Assessments
- Long-term MOA with North Carolina Department of Environmental Quality
 - Original MOA: 5-year term was executed 14 November 2013.
 - Increased yearly contributions from to \$4.0M to \$12.0M per year.
 - Extended the work period of the MOA through FY26.
 - All Low Use Projects to include the AIWW and shallow-draft coastal inlets



WILINGTON DISTRICT CHALLENGES



- Development and encroachment interferes with our easement rights
- Impacting our ability to maintain waterways
- Private / Public use of Federal Placement Areas – Excess Capacity
- Lack of available placement sites (northern NC)
 - Alligator River
 - Alligator-Pungo Landcut
 - Bogue Sound
- Limited Placement sites (southern NC) - nearing/at capacity
 - Topsail Beach area
 - Wrightsville Beach area
 - Masonboro Island
 - Southport

