

BRUNSWICK COUNTY BEACHES (OAK ISLAND PORTION) STUDY, NORTH CAROLINA COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY

BRIEFING TOWN OF OAK ISLAND, NC

Presented by:

Coley Cordeiro/Steve Gager

Project Managers

Wilmington District

U.S. Army Corps of Engineers

2 March 2023



"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."



US Army Corps
of Engineers®





AGENDA

2



- Welcome
- Purpose of Meeting
- Project Overview
- Coastal Storm Risk Management Feasibility Study
 - Purpose
 - Scope
 - Schedule
 - Budget
 - Upcoming Actions
- Questions



Cooperating Federal Agencies



PURPOSE OF THE MEETING

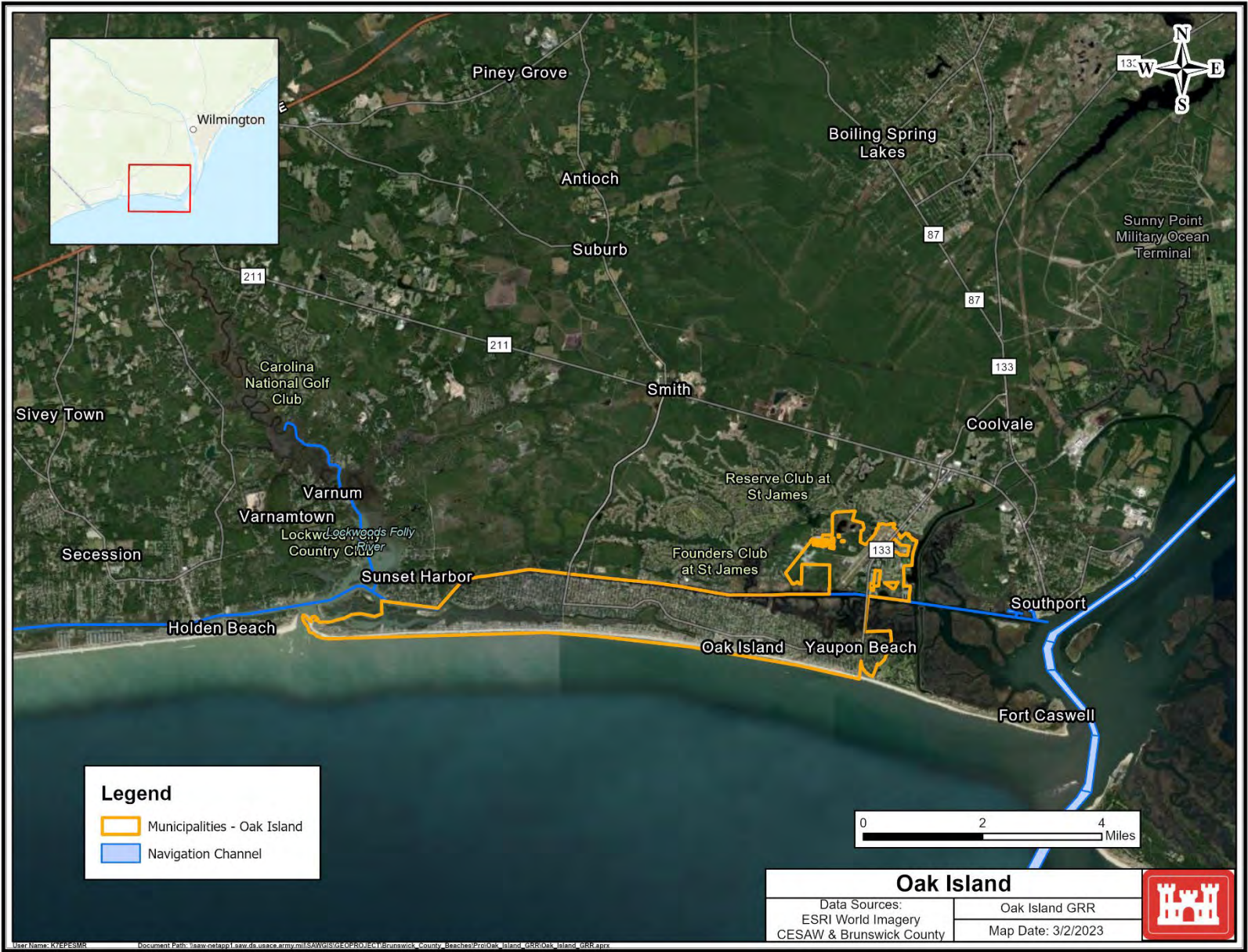


- Describe Purpose and Scope of Feasibility Study
- Obtain Input and Questions Concerning Study





PROJECT OVERVIEW





FEASIBILITY STUDY PURPOSE



Determine Federal interest for coastal storm risk management (CSRM) in Oak Island for a period of 50 years. This is a reformulation of the existing Federal project. The Recommended Plan must be technically feasible, economically justified and environmentally acceptable.

Brunswick County Beaches (Oak Island Portion) Study:

1966: Rivers and Harbors Act (PL 89-789) – Authorized the Brunswick County Beaches Project for hurricane-flood control protection from the Cape Fear River to the North Carolina-South Carolina State line of which Oak Island, NC is a separable element over a ten-year project life from project construction.

1976: Water Resources Development Act of 1976 (PL 94-587) – Extends periodic beach nourishment up to 15 years.

1986: Water Resources Development Act of 1986 (PL 99-662) – Extends periodic beach nourishment up to 50 years and specifies the cost sharing requirements for additional feasibility Studies.

2019: The Consolidated Appropriations Act of 2023 (PL 117-328), authorizes the Government to conduct a General Reevaluation Study of the Oak Island Portion of the Brunswick County Beaches CSRM Project.

PROJECT SPONSOR AND STAKEHOLDERS:

Town of Oak Island
Brunswick County
State of North Carolina

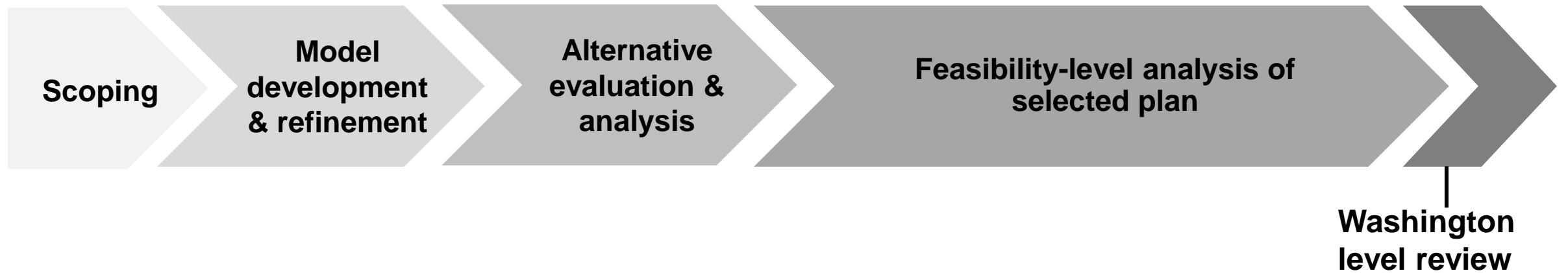
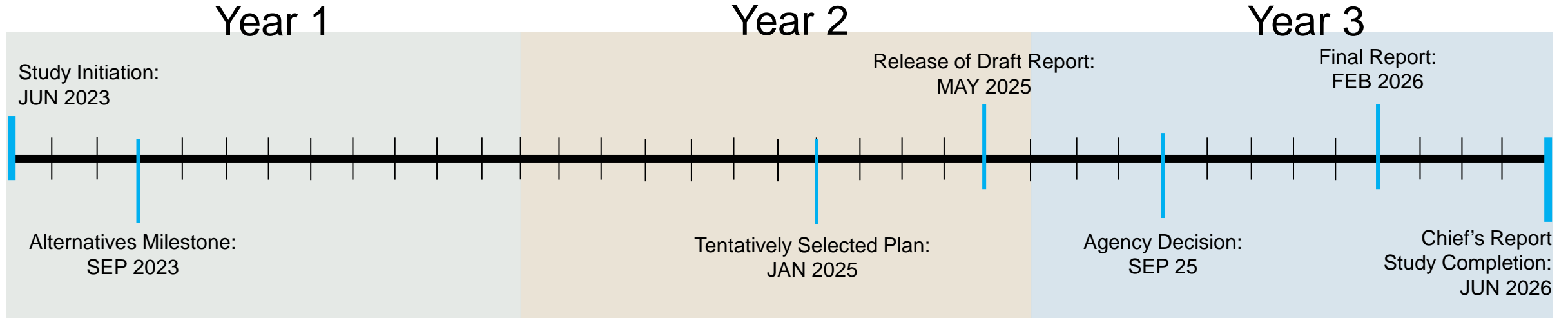
FEASIBILITY STUDY SCOPE

- Reformulate existing project
- Update project costs and benefits
- Validate project parking and access
- Confirm adequacy of borrow sources
- Address potential sea level rise
- Confirm environmental compliance





TENTATIVE SCHEDULE AND PLANNING PROCESS OAK ISLAND GRR STUDY





FEASIBILITY STUDY COSTS



	Costs
Federal	\$1,500,000
Non-Federal	\$1,500,000
Total	\$3,000,000



TENTATIVE UPCOMING ACTIONS

1. USACE Receive a signed letter of intent – 15 March 2023
2. Negotiate and Execute the Feasibility Cost Share Agreement – 13 June 2023
3. Receive Funds (\$500,000) from Non-Federal Sponsor – 28 June 2023
3. Hold first public information meeting within first 12 months of study



POINTS OF CONTACT FOR STUDY

Dr. Coley Cordeiro, Coley.H.Cordeiro@usace.army.mil, 910-251-4671

Mr. Steven Gager, Steven.M.Gager@usace.army.mil, 910-530-4692

Wilmington District
U.S. Army Corps of Engineers
69 Darlington Avenue
Wilmington, NC 28403



QUESTIONS

