

14. Chapter 376, Pollutant Spill Prevention and Control.

This chapter regulates the transfer, storage, and transportation of pollutants and the cleanup of pollutant discharges.

Response: This work does not involve the transportation or discharging of pollutants. Condition will be placed in the contract to handle any inadvertent spill of pollutants. Therefore, the project would comply with this Act.

15. Chapter 377, Oil and Gas Exploration and Production.

This chapter authorizes the regulation of all phases of exploration, drilling, and production of oil, gas, and other petroleum products.

Response: This work does not involve the exploration, drilling or production of gas, oil or petroleum product and therefore does not apply.

16. Chapter 380, Environmental Land and Water Management.

This chapter establishes criteria and procedures to assure that local land development decisions consider the regional impact nature of proposed large-scale development.

Response: The maintenance dredging of the waterway has been coordinated with the local regional planning commission. Therefore, the work would be consistent with the goals of this chapter.

17. Chapter 388, Arthropod Control.

This chapter provides for a comprehensive approach for abatement or suppression of mosquitoes and other pest arthropods within the state.

Response: The work would not further the propagation of mosquitoes or other pest arthropods.

18. Chapter 403, Environmental Control.

This chapter authorizes the regulation of pollution of the air and waters of the state by the DEP.

Response: The DEP issued a water quality certification for the project. No air pollution permits are necessary for the project. Effects of the operation of construction

equipment on air quality would be minor. Therefore, the work is complying with the intent of this chapter.

19. Chapter 582, Soil and Water Conservation.

This chapter establishes policy for the conservation of the state soil and water through the Department of Agriculture. Land use policies will be evaluated in terms of their tendency to cause or contribute to soil erosion or to conserve, develop, and utilize soil and water resources both onsite or in adjoining properties affected by the work. Particular attention will be given to work on or near agricultural lands.

Response: The proposed work is not located near or on agricultural lands. Therefore, the project would comply with this chapter.

APPENDIX IV

COORDINATION DOCUMENTATION



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
P. O. BOX 4970
JACKSONVILLE, FLORIDA 32232-0019

REPLY TO
ATTENTION OF
Construction-Operations Division
Public Notice No. PN-IWB-150

APR 23 1987

PUBLIC NOTICE

TO WHOM IT MAY CONCERN: The District Engineer, Jacksonville District, U.S. Army Corps of Engineers, has forwarded an application to the State of Florida Department of Environmental Regulation pursuant to Section 404 of the Clean Water Act of 1977. This Federal project is being evaluated and coordinated pursuant to 33 CFR 209.145.

Comments regarding the application should be submitted in writing to the District Engineer at the above address within 30 days from the date of this notice. Any person who has an interest which may be affected by the disposal of this dredged material may request a public hearing. The request must be submitted in writing to the District Engineer within 30 days of the date of this notice and must clearly set forth the interest which may be affected and the manner in which the interest may be affected by this activity.

If you have any questions concerning this application, you may contact Patricia Hanson of this office, telephone 904-791-3729.

WATERWAY AND LOCATION: IWW, vicinity of Bakers Haulover Inlet, Dade County, Florida.

WORK AND PURPOSE: The work consists of dredging an estimated 100,000 cubic yards of sand from the Intracoastal Waterway from an area approximately 150 feet wide by 7,200 feet long and 14 feet deep. The sand material will be placed by pipeline on one or both beaches located immediately north and south of Bakers Haulover Inlet.

PROJECT AUTHORIZATION: Act of 14 July 1960, House Document 189/86/1.

EVALUATION:

a. Disposal Alternatives: Designation of the proposed disposal site for dredged material associated with this Federal project shall be made through the application of guidelines promulgated by the Administrator, EPA, in conjunction with the Secretary of the Army. If these guidelines alone prohibit the designation of this proposed disposal site, any potential impairment to the maintenance of navigation, including any economic impact on navigation and anchorage which would result from the failure to use this disposal site, will also be considered.)

b. Historical Resources: The National Register of Historic Places and the latest supplement to the Register were consulted. No resources have been listed in the Register that may be affected by the project's operations. Existing historical, archeological, and cultural resources within the work area will be so designated by the Corps and precautions taken to preserve all such resources as they existed at the time they were located. If during construction activities the Corps observes unusual items that might have historical or archeological value, such observations shall be reported as soon as practicable.

c. Fish and Wildlife Resources: Construction activities will be kept under surveillance, management, and control to minimize interference with, disturbance to, and damage of fish and wildlife. The surveillance, management, and control will be performed by either Corps or Contractor depending upon who is performing the work. Contract work is under the supervision of the Corps.

d. Threatened or Endangered Species: The Corps or Contractor will monitor and instruct all personnel associated with the construction of the project about the presence of manatees and/or sea turtles in the area and the need to avoid collisions. All vessels associated with the project will be required to operate at "no wake" speeds at all times while in shallow waters, or channels, where the draft of the boat provides less than 3 feet clearance of the bottom. Boats used to transport personnel will be shallow draft vessels, preferably of the light displacement category, where navigational safety permits. Vessels transporting personnel between the landing and the dredge shall follow routes of deep water to the extent possible. The Corps or Contractor will brief their personnel concerning the civil and criminal penalties for harming, harassing, or killing manatees and/or sea turtles, which are protected under the Endangered Species Act and the Marine Mammal Protection Act. The Corps or Contractor will be held responsible for any manatee and/or sea turtles harmed, harassed, or killed as a result of the construction of the project. The Corps or Contractor will keep a log detailing all sightings, collisions, damage, or killing of manatees and/or sea turtles which have occurred during the maintenance dredging period. Any collision with a manatee and/or sea turtle resulting in death or injury to the animal shall be reported immediately to the Corps' Environmental Resources Branch for Contractor work and to the Fish and Wildlife Service (Jacksonville Area Office) for Corps' work for investigations so the appropriate course of action can be taken. Following project completion, the Corps will submit a report summarizing the above incidents to the U.S. Fish and Wildlife Service.

APPLICABLE LAWS: The following laws are, or may be, applicable to the review of the proposed disposal sites and to the activities affiliated with this Federal project:

1. Section 404 of the Clean Water Act of 1977 (PL 95-217) (33 U.S.C. 1344).

2. Section 103 of the Marine Protection, Research, and Sanctuaries Act of 1972 (PL 92#532) (33 U.S.C. 1413, 86 Stat. 1052).

3. Section 302 of the Marine Protection, Research, and Sanctuaries Act of 1972 (PL 92#532, 86 Stat. 1052).

4. The National Environmental Policy Act of 1969 (PL 91#190) (42 U.S.C. 4321#4347).

5. Sections 307(c) (1) and (2) of the Coastal Zone Management Act of 1972 (16 U.S.C. 1456(c) (1) and (2), 86 Stat. 1280).

6. The Fish and Wildlife Act of 1956 (16 U.S.C. 472a et seq).

7. The Migratory Marine Game#Fish Act of 1959 (16 U.S.C. 760c#760g).

8. The Fish and Wildlife Coordination Act of 1958 (16 U.S.C. 661#666c).

9. The Endangered Species Act of 1973 (PL 93#205) (16 U.S.C. 668aa#668cc#6, 87 Stat. 884).

10. The National Historic Preservation Act of 1966 (16 U.S.C. 470, 80 Stat. 915).

11. Section 313 of the Clean Water Act of 1977 (33 U.S.C. 1323, 82 Stat. 816).

DISSEMINATION OF NOTICE: You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have an interest in this matter.

COORDINATION: This notice is being sent to, and coordinated with, the following agencies:

FEDERAL AGENCIES:

Commander, Seventh Coast Guard District, Miami, FL
Director, Atlantic Marine Center, National Ocean Service, Norfolk, VA
FDA, Regional Shellfish Specialist, Atlanta, GA
Director, National Park Service, Southeast Region, Atlanta, GA
Regional Director, National Park Service, Southeast Region, Atlanta, GA
Regional Director, Fish & Wildlife Service, Atlanta, GA
Field Supervisor, Fish & Wildlife Service, Jacksonville, FL
Field Supervisor, Fish & Wildlife Service, Vero Beach, FL
Regional Hydrologist, U.S. Geological Survey, Atlanta, GA
District Chief, U.S. Geological Survey, WRD, Tallahassee, FL
Regional Hydrologist, NOAA, National Weather Service, Ft. Worth, TX
Southeast River Forecast Center, NOAA, National Weather Service, Atlanta, GA

Environmental Protection Agency, EA Branch, Review Section, Atlanta, GA
Environmental Protection Agency, Ofc of Fed Activities, Washington, DC
Federal Energy Regulatory Commission, Atlanta, GA
National Marine Fisheries Service, EA Branch, Panama City, FL
National Marine Fisheries Service, EA Branch, St. Petersburg, FL
Federal Maritime Commission, Ofc of Energy & Environ. Impact, Wash, DC
USDA, Soil Conservation Service, Gainesville, FL

STATE AGENCIES:

Executive Dir, DNR, Tallahassee, FL
DNR, Div of Beaches & Shores, Tallahassee, FL
Fla. Game & Fresh Water Fish Comm, Lakeland, FL
Secretary, Dept of Environmental Regulation, Tallahassee, FL
Dept of Agriculture, Bureau of Soil & Water Conservation, Gainesville, FL
Director, Florida Game & Fresh Water Fish Commission, Tallahassee, FL
Dir, Div of Archives, History & Records Management, Tallahassee, FL
Secretary, Dept of Transportation, Tallahassee, FL
Sanitary Engineer, Dept of HRS, Jacksonville, FL
Federal Highway Admin, Tallahassee, FL

ENVIRONMENTAL ORGANIZATIONS:

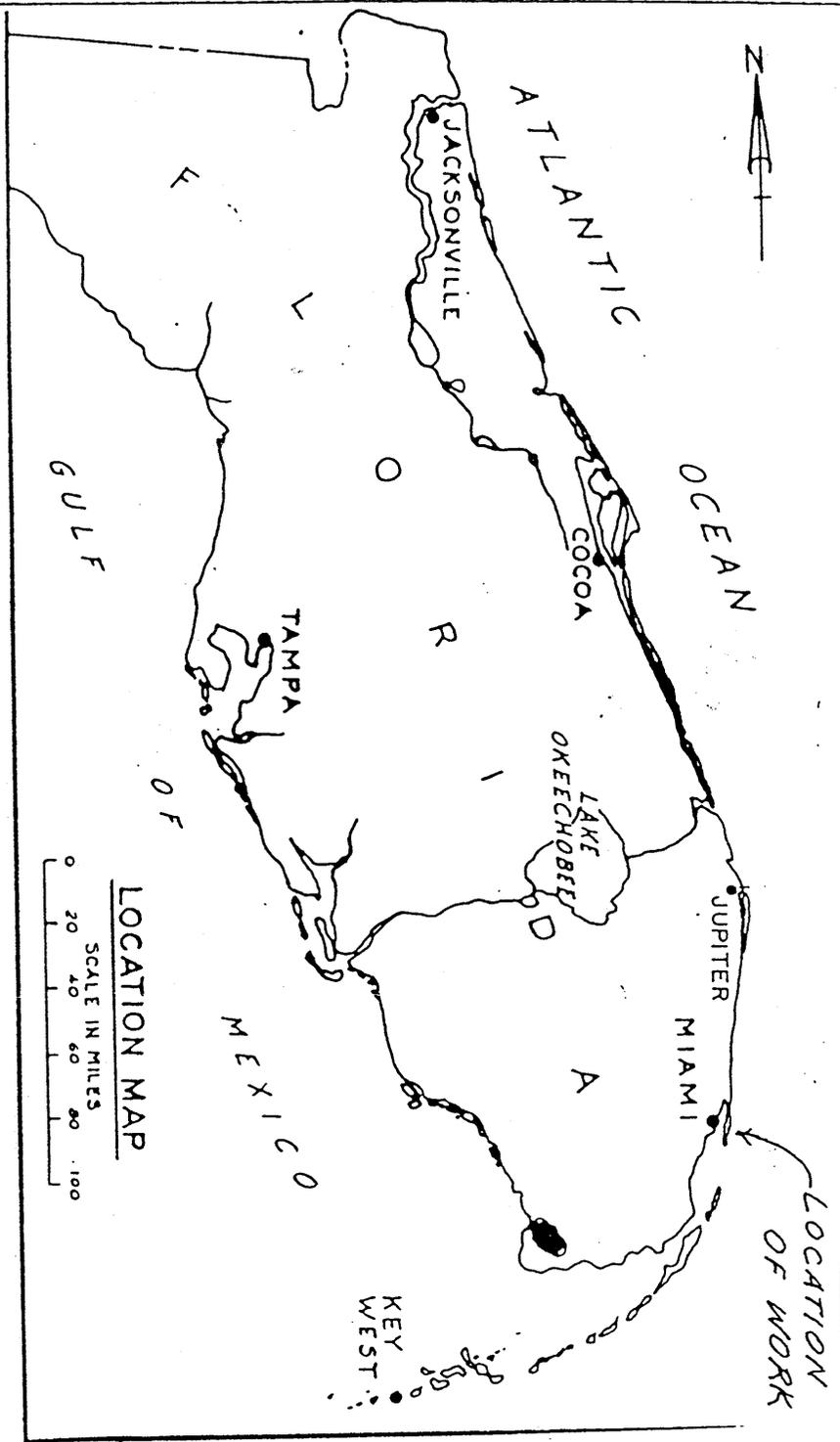
Executive Director, Florida Audubon Society, Maitland, FL
Executive Director, Florida Wildlife Federation, West Palm Beach, FL

LOCAL GOVERNMENTS:

County Commissioner, Palm Beach County, FL
Florida Inland Navigation District, North Palm Beach, FL
Mayor, Bal Harbor, FL
City Engineer, Bal Harbor, FL
Mayor, N. Miami Beach, FL
City Engineer, N. Miami Beach, FL



Gail G. Gren
Chief, Construction-Operations Division



DEPARTMENT OF THE ARMY
 Jacksonville District, Corps of Engineers

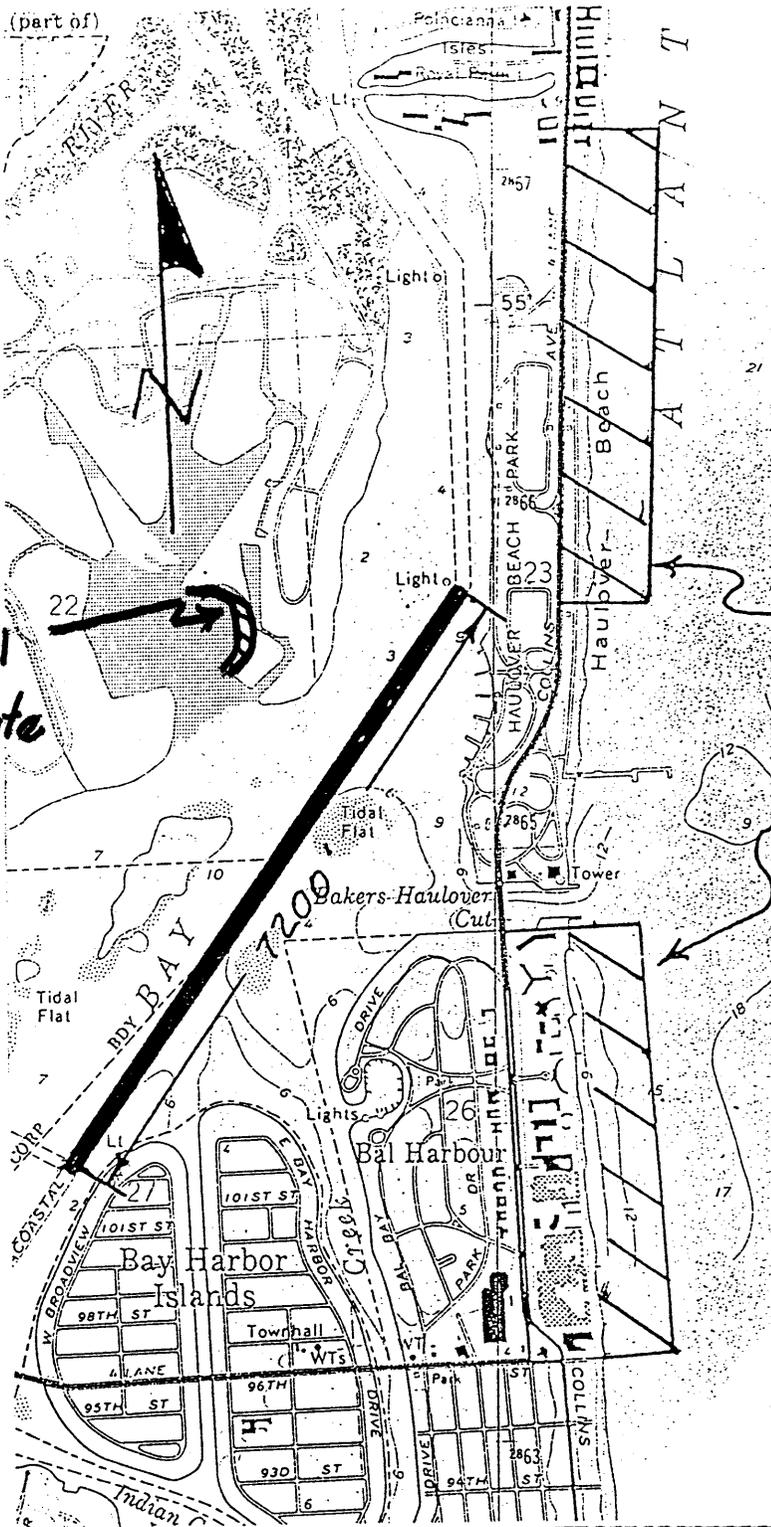
INTERCOASTAL WATERWAY
 Vicinity of Bakers Haulover

Location Map

SCALE AS SHOWN

DATED Mar 1986

Sheet 1 of 4



Possible Beach Disposal Area State Park

Proposed Beach Disposal Areas

SCALE
(In Feet)



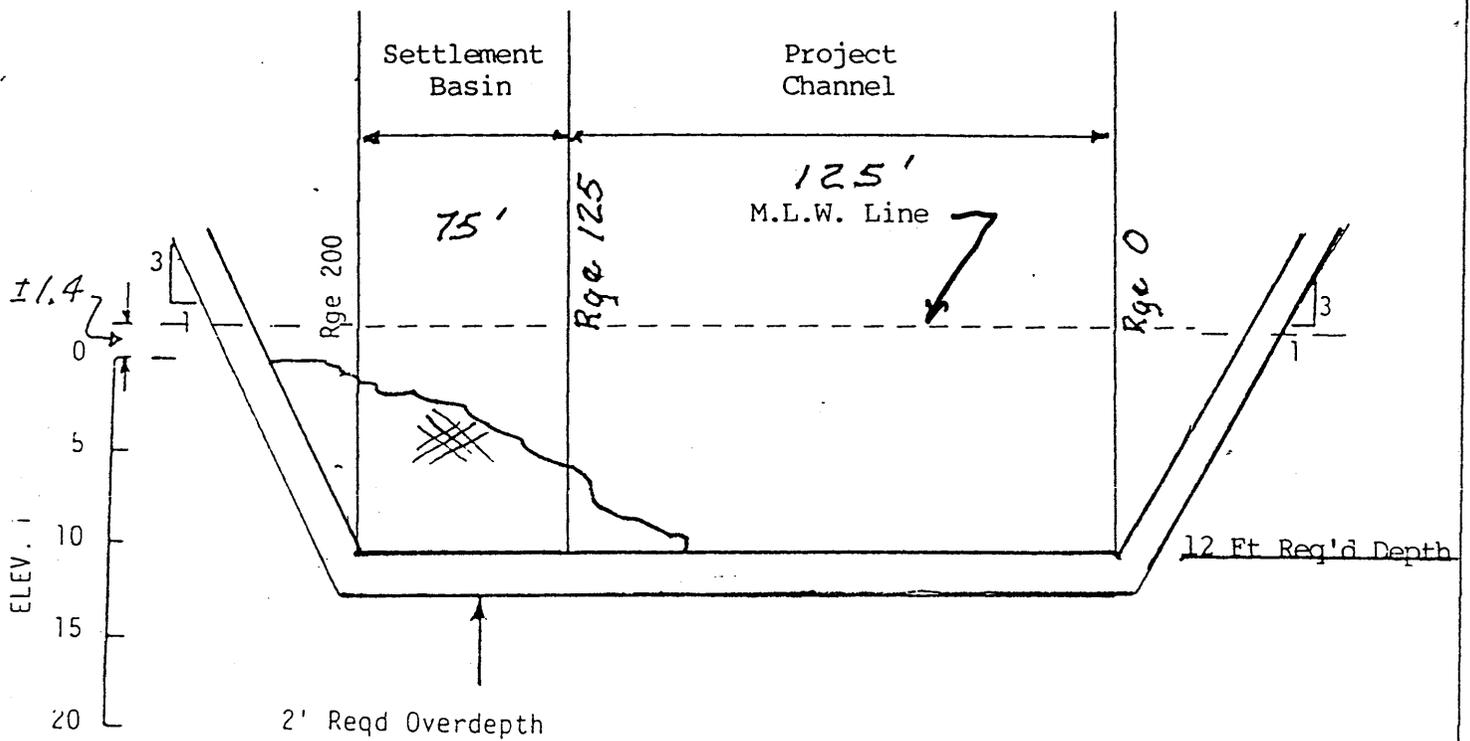
1000 0 1000 2000

DEPARTMENT OF THE ARMY
Jacksonville District, Corps of Engineers

INTERCOASTAL WATERWAY
Vicinity of Baker's Haulover

Proposed Dredging & Beach Disposal Locations

SCALE AS SHOWN	DATED Mar 1986	Sheet 2 of 4
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MEAN LOW WATER (M.L.W.) DATUM AND MEAN HIGH WATER (M.H.W.) LINE RELATIONSHIP IS APPROXIMATE AND IS REFERRED TO MEAN SEA LEVEL DATUM ESTABLISHED BY U.S. COAST AND GEODETIC SURVEY.

DEPARTMENT OF THE ARMY
Jacksonville District, Corps of Engineers

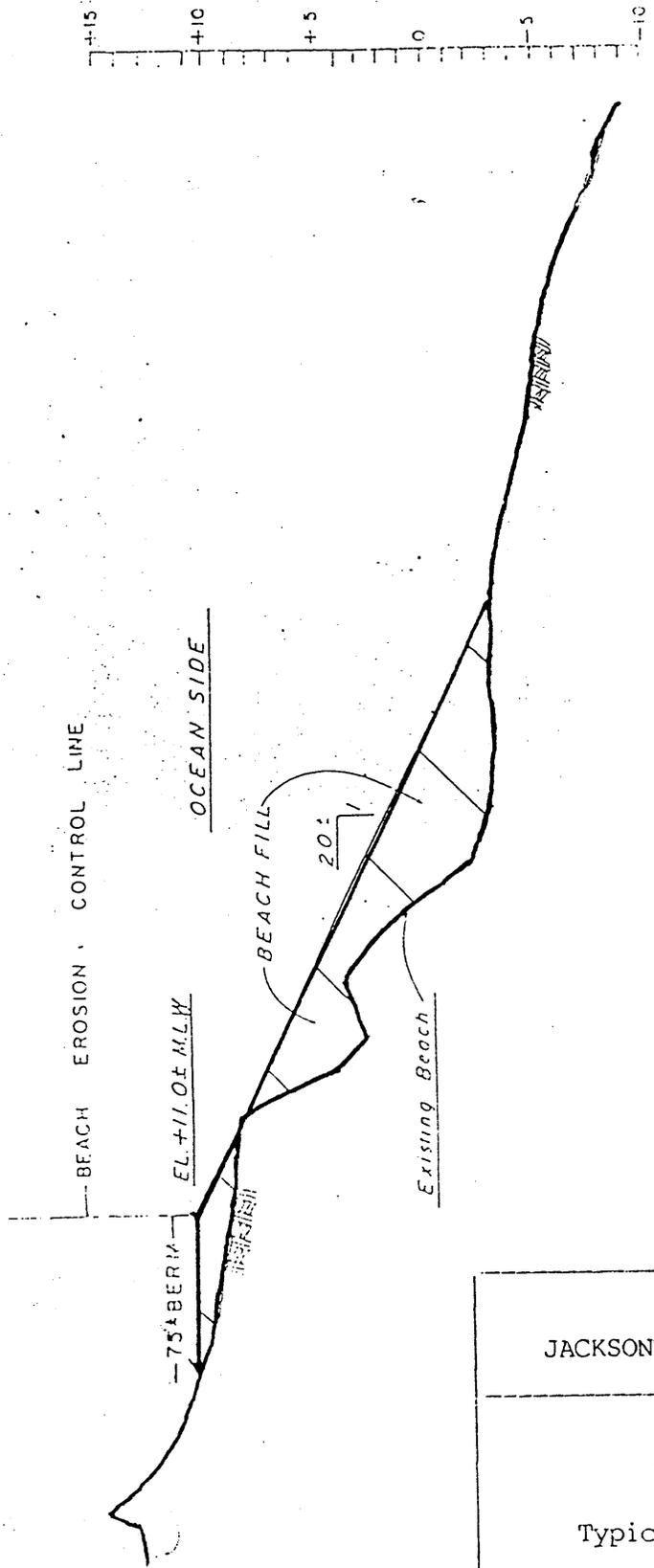
INTERCOASTAL WATERWAY
Vicinity of Bakers Haulover

Typical Cross Section

SCALE AS SHOWN

DATED Mar 1986

Sheet 3 of 4



DEPARTMENT OF THE ARMY
 JACKSONVILLE DISTRICT, CORPS OF ENGINEERS

INTERCOASTAL WATERWAY
 Vicinity of Bakers Haulover
 Typical Cross Section - Disposal Area

SCALE AS SHOWN

DATED Mar 1986

Sheet 4 of 4

DEPARTMENT OF THE ARMY
 U. S. ARMY ENGINEER DISTRICT, JACKSONVILLE
 P. O. BOX 4970
 JACKSONVILLE, FLORIDA 32232-0019

OFFICIAL BUSINESS
 PENALTY FOR PRIVATE USE, \$300

ZIP+4
 POSTAGE & FEES PAID
 DEPARTMENT OF THE ARMY
 PERMIT No. G-5

IMPORTANT

This is NOT a circular.



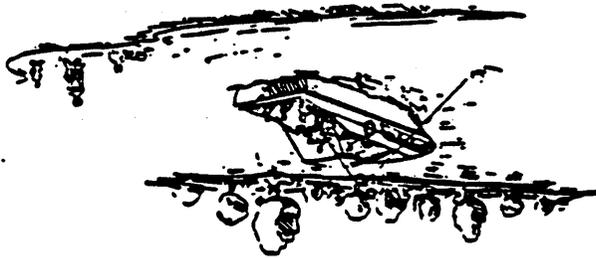
U.S. ARMY
 CORPS OF ENGINEERS



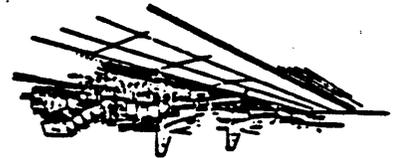
MAPPING THE WORLD



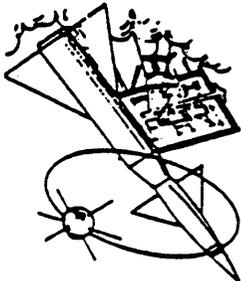
RECREATION & WATER SUPPLY



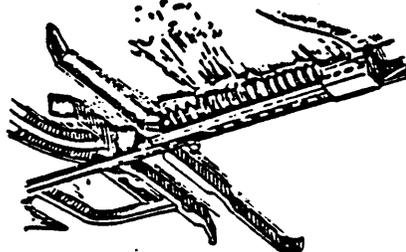
MILITARY CONSTRUCTION



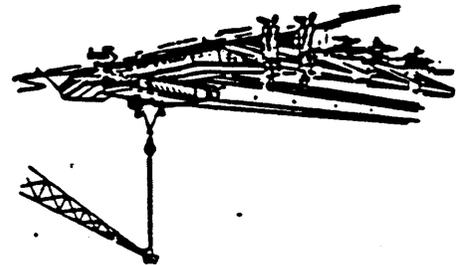
RESEARCH & DEVELOPMENT



NAVIGATION, POWER & FLOOD CONTROL



A FIGHTING ARM



DEFENDING OUR FREEDOM-DEVELOPING OUR RESOURCES

DEC 05 1996

PUBLIC NOTICE

TO WHOM IT MAY CONCERN: The District Engineer, Jacksonville District, U.S. Army Corps of Engineers, has forwarded a request to the State of Florida Department of Environmental Protection for modification to the Water Quality Certification, pursuant to Section 401 of the Clean Water Act of 1977, for maintenance dredging of Bakers Haulover Inlet and the Intracoastal Waterway (IWW), Cut DA-9 in the vicinity of Bakers Haulover Inlet. The project sponsor, the Florida Inland Navigation District, has coordinated with Jacksonville District in developing a plan to have additional material be removed that is outside the limits of the Federal channel. This area will serve as a settling basin which will help to limit future shoaling in the IWW. This Federal project is being evaluated and coordinated pursuant to 33 CFR 335 through 338.

Comments regarding the project should be submitted in writing to the District Engineer at the above address within 30 days from the date of this notice. Any person who has an interest which may be affected by the construction of this project may request a public hearing. The request must be submitted in writing to the District Engineer within 30 days of the date of this notice and must clearly set forth the interest which may be affected and the manner in which the interest may be affected by this activity.

If you have any questions concerning this application, you may contact Mr. Brian Brodehl of this office, telephone 904-232-3600.

WATERWAY & LOCATION: Bakers Haulover Inlet, Intracoastal Waterway Cut DA-9, Dade County, Florida

WORK & PURPOSE: The proposed work consists of dredging approximately 12,000 cubic yards of shoal material from Bakers Haulover Inlet channel (Sta. 2+50 Cut-2 - Sta. 4+00 Cut-3), 22,000 cubic yards from the Intracoastal Waterway channel (Sta. 23+50 - 40+00 Cut DA-9), and an estimated 108,000 cubic yards material from the 28.6 acre region between the two aforementioned Federally authorized navigation channels. All of the material is planned to be transported via pipeline to a 3000' reach of Bal Harbor Beach south of the inlet. Another disposal option available to the

project is the Haulover Beach Park to the north of the inlet. The dredging and disposal areas are depicted in the attached drawings. The composition of the material is predominantly sand with some shell.

The purpose of dredging is to restore portions of both Bakers Haulover Inlet channel and the Intracoastal Waterway (in the vicinity of Bakers Haulover) to authorized project depths and to provide safe navigation conditions for both commercial and recreational boaters.

PROJECT AUTHORIZATION: Intracoastal Waterway Jacksonville to Miami, Florida - House Document 740, 79th Congress, 2nd Session, 17 June 1947, modified by the Chief of Engineers Report, 22 July 1960.

APPLICABLE LAWS: The following laws are, or may be, applicable to the review of the proposed disposal sites and to the activities affiliated with this Federal project:

1. Section 404 of the Clean Water Act of 1977 (PL 95-217) (33 U.S.C. 1344).
2. Section 103 of the Marine Protection, Research, and Sanctuaries Act of 1972 (PL 92-532) (33 U.S.C. 1413, 86 Stat. 1052).
3. Section 302 of the Marine Protection, Research, and Sanctuaries Act of 1972 (PL 92-532, 86 Stat. 1052).
4. The National Environmental Policy Act of 1969 (PL 91-190) (42 U.S.C. 4321-4347).
5. Sections 307(c)(1) and (2) of the Coastal Zone Management Act of 1972 (16 U.S.C. 1456(c)(1) and (2), 86 Stat. 1280).
6. The Fish and Wildlife Act of 1956 (16 U.S.C. 472a et seq).
7. The Migratory Marine Game-Fish Act of 1959 (16 U.S.C. 760c-760g).
8. The Fish and Wildlife Coordination Act of 1958 (16 U.S.C. 661-666c).
9. The Endangered Species Act of 1973 (PL 93-205) (16 U.S.C. 668aa-668cc-6, 87 Stat. 884).

10. The National Historic Preservation Act of 1966 (16 U.S.C. 470, 80 Stat. 915).

11. Section 313 of the Clean Water Act of 1977 (33 U.S.C. 1323, 85 Stat. 816):

COASTAL ZONE MANAGEMENT: The proposed project has been evaluated in accordance with the Florida Coastal Zone Management Act and determined to be consistent with the goals and intent of the appropriate State statutes. This determination is based on the Environmental Assessment, the Section 404(b)(1) Evaluation, and the Coastal Zone Consistency Determination. Full compliance will be confirmed by issuance of the necessary modification to the Water Quality Certification from the State.

EVALUATION: An Environmental Assessment is being prepared for this project. Preliminary evaluation of the available information indicates that the proposed project will have no significant impact on the quality of the human environment and an Environmental Impact Statement pursuant to the National Environmental Policy Act (NEPA) will not be required. Additional coordination will be performed to ensure that the new dredging areas are in environmental compliance.

ENDANGERED SPECIES: Consultation with the National Marine Fisheries Service and the U.S. Fish and Wildlife Service pursuant to Section 7 of the Endangered Species Act has been conducted. A determination of "No Effects" has been reached concerning impacts to sea turtles and manatees within the dredging and beach placement areas. The additional dredging area will not affect this determination.

All standard conditions and protection practices for the sea turtles, manatees, whales, migratory birds, and all other local threatened or endangered species will be adhered to during the dredging and disposal operations.

EVALUATION FACTORS: All factors which may be relevant to the proposal will be considered including the cumulative effects thereof. Among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historic resources, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, seagrasses, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, consideration of property ownership and, in general, the needs and welfare are of the people.

HISTORICAL RESOURCES: The National Register of Historic Resources is currently being consulted to determine if any resources are present which may be affected by the project operations. Preliminary determination is that no archeological, historical, or cultural resources are listed in the project area. However, if such resources are found within the project area prior to or during construction, all precautions will be taken to preserve those resources in their pre-discovery condition. Any unusual items as observed by Corps personnel or by the Contractor to have historical or archeological value shall be reported as soon as practicable.

OTHER IMPORTANT RESOURCES: An area of sea grasses exists along the Intracoastal Waterway to the south of the project area, as identified by the Department of Environmental Resource Management in Dade County. No sea grasses will be impacted by the proposed dredging operation.

DISSEMINATION OF NOTICE: You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have an interest in this matter.

COORDINATION: This notice is being sent to the following agencies:

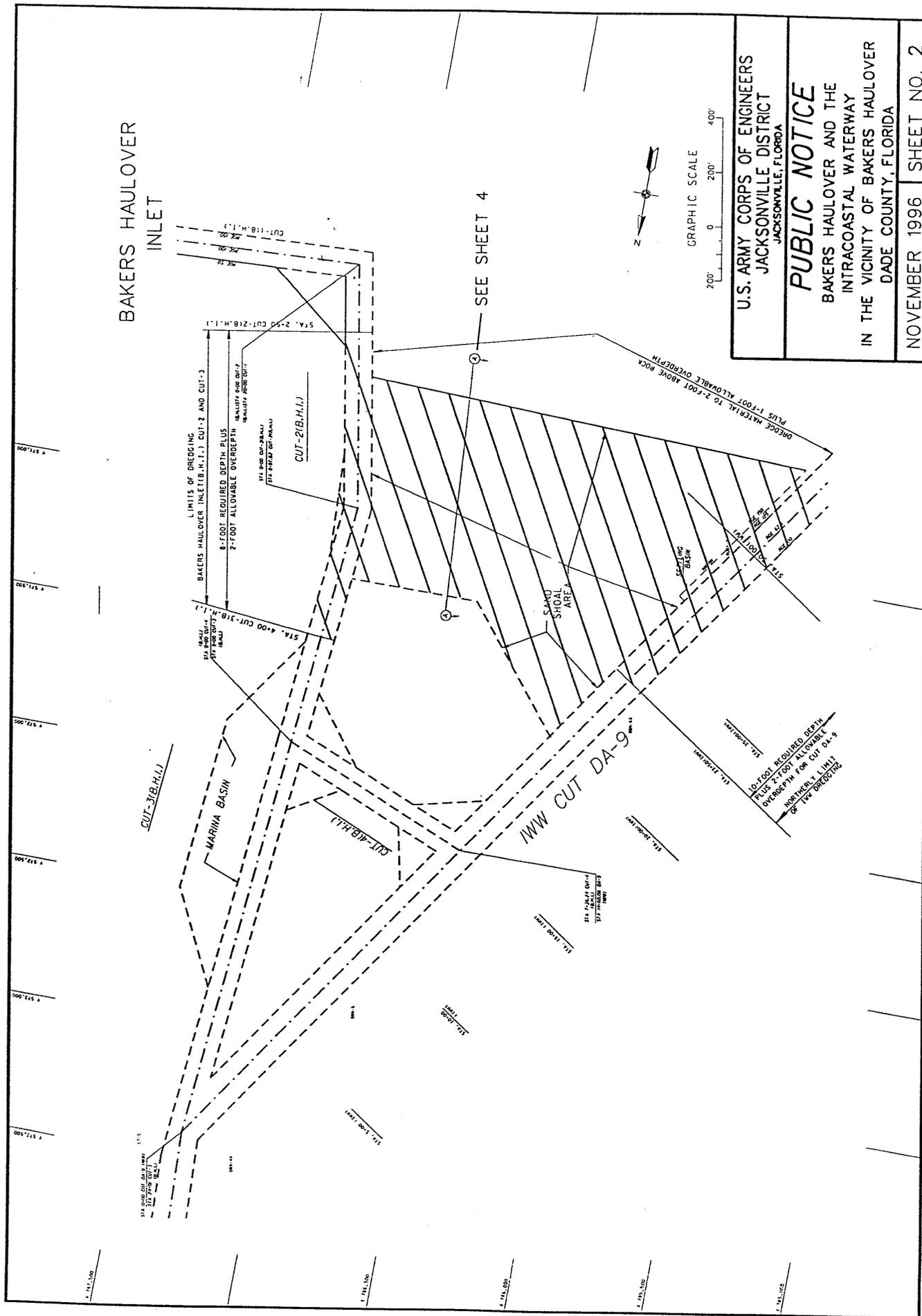
FEDERAL AGENCIES:

FEDERAL HIGHWAY ADMINISTRATION
U.S. COAST GUARD
U.S. FISH & WILDLIFE SERVICE
ATLANTIC MARINE CENTER
NATIONAL MARINE FISHERIES SERVICE
NATIONAL PARK SERVICE
U.S. GEOLOGICAL SURVEY
FEDERAL ENERGY REGULATIONS
U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL OCEANOGRAPHIC AND ATMOSPHERIC ADMINISTRATION
FEDERAL MARITIME COMMISSION
U.S. DEPARTMENT OF AGRICULTURE

STATE AGENCIES:

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF SOLID WASTE MANAGEMENT
FLORIDA INLAND NAVIGATION DISTRICT
FLORIDA GAME & FRESH WATER FISH COMMISSION
DIVISION OF ARCHIVES, HISTORY & RECORDS
STATE HISTORIC PRESERVATION OFFICE
FLORIDA DEPARTMENT OF TRANSPORTATION

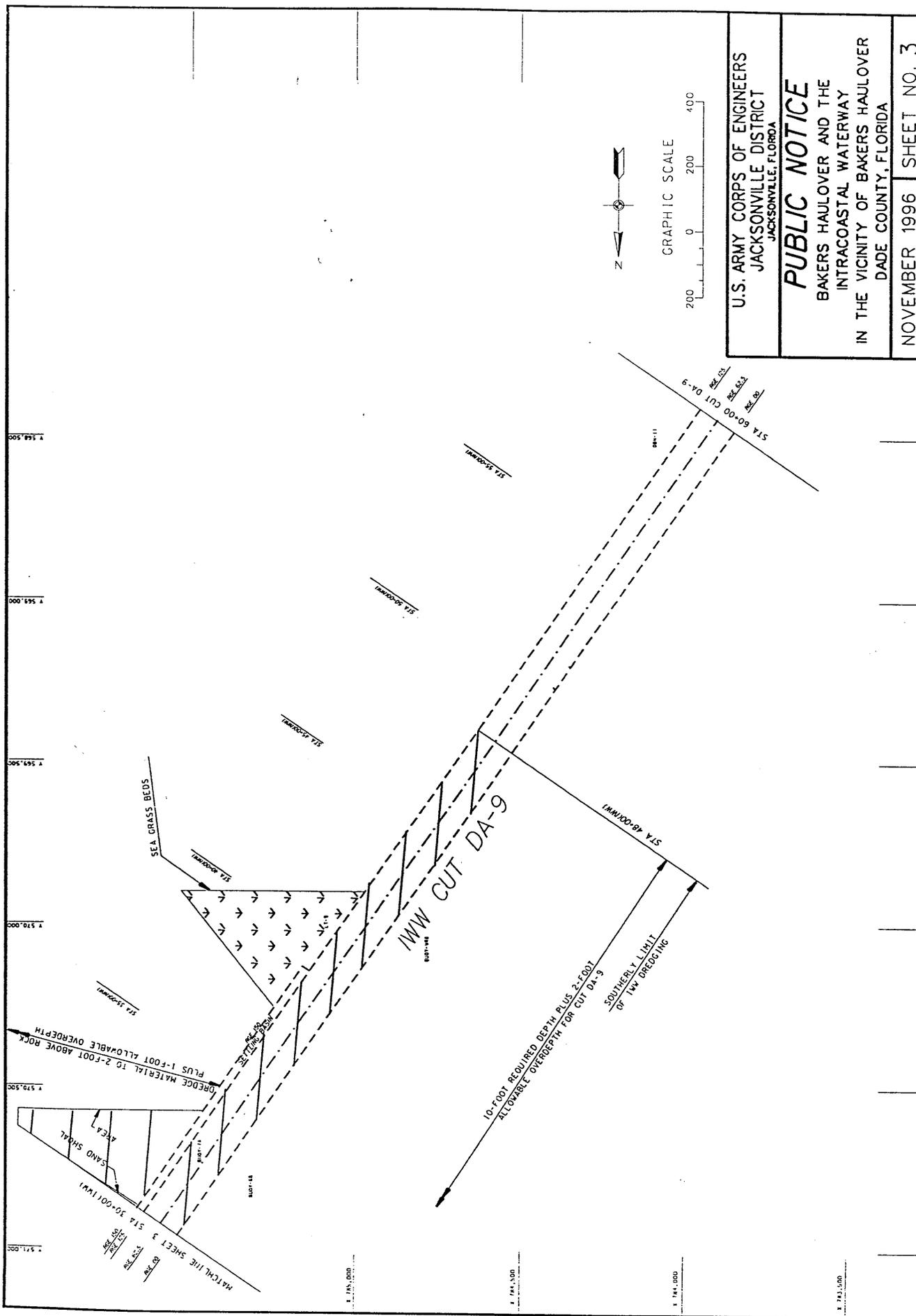
BAKERS HAULOVER INLET



U.S. ARMY CORPS OF ENGINEERS
 JACKSONVILLE DISTRICT
 JACKSONVILLE, FLORIDA

PUBLIC NOTICE
 BAKERS HAULOVER AND THE
 INTRACOASTAL WATERWAY
 IN THE VICINITY OF BAKERS HAULOVER
 DADE COUNTY, FLORIDA

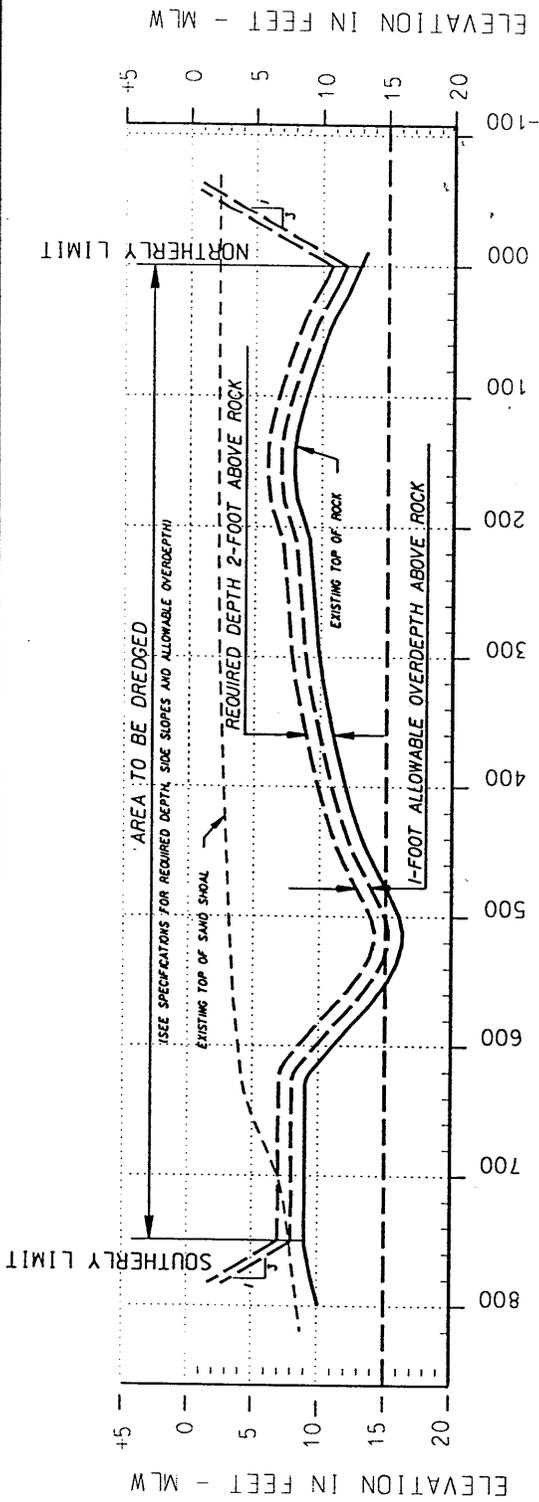
NOVEMBER 1996 SHEET NO. 2



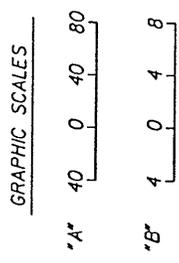
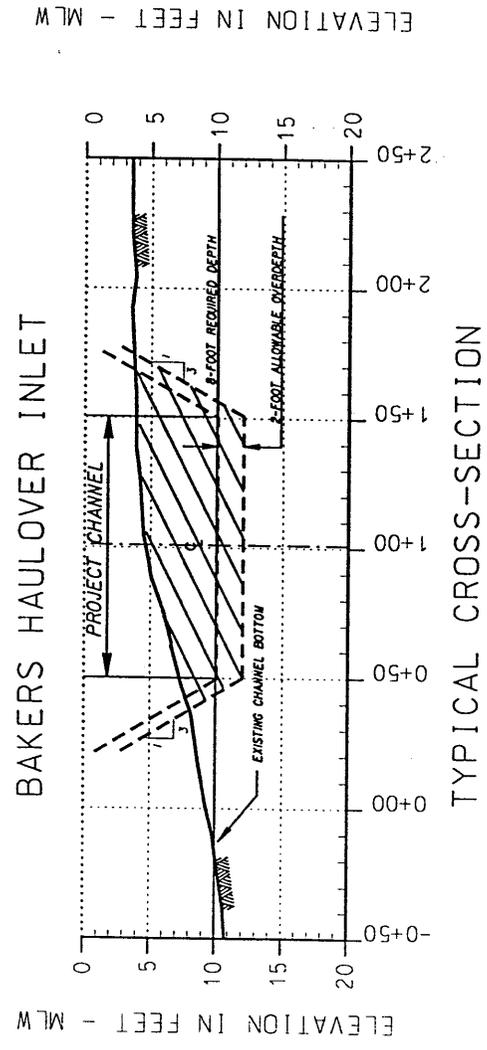
U.S. ARMY CORPS OF ENGINEERS
 JACKSONVILLE DISTRICT
 JACKSONVILLE, FLORIDA

PUBLIC NOTICE
 BAKERS HAULOVER AND THE
 INTRACOASTAL WATERWAY
 IN THE VICINITY OF BAKERS HAULOVER
 DADE COUNTY, FLORIDA

NOVEMBER 1996 SHEET NO. 3



SECTION A-A
TYPICAL CROSS SECTION
SAND SHOAL AREA
SCALE: "A" HORIZONTAL
"B" VERTICAL



U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT
JACKSONVILLE, FLORIDA

PUBLIC NOTICE
BAKERS HAULOVER AND THE
INTRACOASTAL WATERWAY
IN THE VICINITY OF BAKERS HAULOVER
DADE COUNTY, FLORIDA

NOVEMBER 1996 SHEET NO. 4