

The following recommendations should be included in the project design:

- Specify that dredging is to be performed hydraulically, in order to minimize turbidity and habitat loss.
- Provide sufficient information regarding the disposal plan to allow verification that the pipeline and disposal process will not adversely impact seagrass beds or other estuarine habitat.
- Proper procedures and techniques (Best Management Practices) should be implemented during all construction activities to reduce turbidity and other pollution discharged to surface waters.
- Dredging activities should be timed to prevent impacts to West Indian manatees and sea turtles. The applicant, or contractor, should conform with Florida Department of Environmental Protection (FDEP), Florida Game and Fresh Water Fish Commission and U.S. Fish and Wildlife Service requirements for construction activities within areas providing habitat for listed species.

Recommendation

The permit is recommended for approval only upon inclusion of the aforementioned recommendations.

Further, it is recommended that any additional comments addressing local concerns be considered prior to final action.

Committee adopted January 23, 1995.



John Gause, Chairman
Clearinghouse Review Committee

This project has been reviewed for consistency with the Council's adopted growth policy, Future of the Region, A Comprehensive Regional Policy Plan for the Tampa Bay Region. Upon inclusion of the aforementioned recommendations this proposal will be consistent with Council policies: 9.4.1; 9.5.1; 9.5.11; and 10.3.1.

11 January 1996

MEMORANDUM FOR RECORD

RE: TRIP REPORT, HARBOR ISLE HOMEOWNERS ASSOCIATION (HIHA)
MEETING, St. PETERSBURG FL.

SUBJECT: Maintenance Dredging, ST. Petersburg Harbor, Pinellas
County, Florida.

PURPOSE OF TRIP: To attend HIHA meetings and provide engineering
information on how the proposed project will effect the Harbor
Isle Lake (drainage pond).

DATE OF TRIP: 9 January 1996

PERSONS MAKING TRIP: Asa Williams CESAJ-EN-DL (904) 232-2531
L. Rene Perez CESAJ-EN-DL (904) 232-2436
Bill Fonferek CESAJ-PD-ES (904) 232-2803
Matthew Miller CESAJ-PD-EE (904) 232-1109

BACKGROUND: Harbor Isle Lake Disposal Area (HILDA) was
volunteered as a disposal site by the Harbor Isle Homeowners
Association, Inc (HIHA). The lake presently has a very deep
bottom. HIHA is seeking the use of dredged material from St.
Petersburg Harbor to establish a bottom elevation in the lake of
6 feet below mean low water, by doing so will improve the water
quality of the lake. In order for the U.S. Army Corps of
Engineers to proceed with consideration of the lake as a
potential disposal area, HIHA would have to have the support of
the majority of its members. In prior meetings with HIHA, the
technical aspects of the project had not been completed,
therefore, HIHA did not have enough information to obtain
majority support.

At the time, the USACOE did not have an alternative disposal area
for the dredged material from St. Petersburg Harbor. Recently,
the ocean disposal site in the Gulf of Mexico became available.

DISCUSSION: The first meeting took place at the Hilton Hotel in
St. Petersburg, FL. The HIHA Committee(5) arranged this meeting
with representatives from the Port and City of St. Petersburg(2),
FDEP(1), TBNEP(1), and USACOE(4). Ed Alber has been the primary
spokes person for the for HIHA. The meeting was started after
brief introductions. HIHA had provided the Corps with a list of
questions prior to our meeting (see attached). All of the
questions were answered to the committee's satisfaction. The
Corps had two major concerns to relay to HIHA about this project.
1. This was a "Capability Project" . In that, this project will
only get done if there are funds available after all other
priority projects were completed, and is projected for FY-98. 2.
The project's complexities were discussed. Detailed discussions
were on equipment, noise, pipeline, dredged material, weir
design, lake bottom, and easements. This meeting ended with a

RE: TRIP REPORT, HARBOR ISLE HOMEOWNERS ASSOCIATION (HIHA)
MEETING, St. PETERSBURG FL.

summary from Ed Alber stating what he would tell the full membership at the evening meeting.

The evening meeting was called to order at 1942hrs. Ed Alber presented the HIHA General Membership with all the up-dated facts about the project. He went through each of the questions and answered them with the information obtained in the first meeting. Additional questions from the General Membership were asked, most of the questions centered on the lake's final depth, and on the quality of the water after the project. All the questions were answered to the membership's apparent satisfaction. A vote of the paid up members resulted in approval for the project.

CONCLUSIONS / RECOMMENDATIONS: Based on the result of the vote from the HIHA General Membership, the Corps can now move ahead. The WQC requires that the depth of the lake to be 6 feet below mean low water. This requirement will cause the contractor to double handle the dredged material if the lake disposal area is used. A cost comparison between placing the dredged material in the lake and placing the material in the ocean disposal area is needed. This comparison will show the cost difference in the two alternatives. The design funds for this effort need to be provided by Con-Ops. If the cost to dispose into the lake is too great then efforts can be directed to the ocean disposal site, or alternative funding from Con-Ops can be obtained.

Asa R. Williams
Civil Engineer
L & W Section, Design Branch

cf:
Bill Fonferek - PD-ES
Matthew Miller - PD-EE
Mark Wolf - CO-M
Rene Perez - EN-DL
Byron Farley - EN-DL

QUESTIONS ON WATER QUALITY PROJECT

1. WHAT IS THE PURPOSE OF THE LAKE WATER DRAW DOWN?
2. WILL THERE BE HEAVY EQUIPMENT ON THE BERM, WHAT ACCESS ROUTE WILL YOU USE?
3. IF THERE IS PROPERTY DAMAGE, (LAWNS) FROM THE HEAVY EQUIPMENT, WHO IS RESPONSIBLE FOR THE REPAIR?
4. WHERE WILL THE PUMPING STATION BE LOCATED AND WILL IT BE RUNNING 24HRS A DAY?
5. WHO AND WHAT FROM WHAT AGENCY WILL BE ACTING AS THE CONTRACTOR OVERSEER TO PROJECT GUIDELINES?
6. DO YOU ANTICIPATE A LARGE FISH KILL AND DO YOU ANTICIPATE A NEGATIVE EFFECT ON THE LOCAL WILDLIFE THAT PRESENTLY USE THIS POND, (EG; OTTERS, BIRDS, RACCOONS)?
7. HOW LONG WILL EACH SEGMENT OF THE TOTAL FILL PROJECT TAKE?
8. PLEASE EXPLAIN YOUR RATIONALE FOR THE 6FT BELOW MLW?
9. HOW WILL INSURE A RELATIVITY LEVEL BOTTOM AND NO SHALLOW AREAS TO SUPPORT CATTAIL GROWTH OTHER THAN NORMAL SHORELINE GROWTH.

LIST OF POTENTIAL QUESTIONS

1. How long will the entire project take?

UP TO 4 MO'S

2. Is the dredge being put in our lake clean?

yes - tested - dates/results

3. Will there be a fish kill, how much, and who will clean it up?

PLACE IN CONTRACT FOR FISH CLEAN-UP.

4. Will the pumps be running all night and keep us awake?

5. Will this project have a negative effect on our wildlife, and chase our otters away?

6. How deep will the lake be, when the project is finished?

about same

7. Are you going to take the berm down?

8. Are there any similar projects to our in the state and were there any problems?

↳ CITY OF SE STATE

9. We are worried, that something drastic will go wrong, who is responsible for the success of this project? Do we have any insurance to the success of the project?

10. If the project take a real turn for the worse, can we the homeowners stop the project at that point for reassessment?

11. Will the final depth help in maintaining the health of our lake?

13. Will this project bring Mangroves into our shores?

14. How long will the lake be turbid?

15. How high will the water rise during the fill process and how will you control it?

16. What will be your access to the berm? Do you have to come thru the homeowners property with heavy or large equipment?

17. How will you insure that the bottom of the lake is somewhat level and is that necessary?

NO NOT NECESSARY

18. After the project is complete, is there a possibility of algae blooms, or other environmental impacts from not having enough water in the lake?

NO W.W. NOT REACH CAPACITY

There may be some "off-the-wall" questions from some who don't really understand the project and never have taken the time to read all the material that was supplied to them over the years.

JOHN WILL ANSWER HIS Q'S FIRST, ENVIRONMENTAL, ENGINEERING
COE/DEF BY BARNER

WANT A P.M.

12 E
42



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-TH-222

17 July 1998

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 Water Quality Certification (WQC), pursuant to Section 401 of the Clean Water Act of 1977, for maintenance dredging of Cut G of port Tampa at Tampa Harbor, Hillsborough County, Florida. 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 Ms. Patricia Hanson of this office, telephone 904-232-1640.

WATERWAY & LOCATION: Cut G, Port Tampa, Tampa Harbor, Hillsborough County, Florida

WORK & PURPOSE: Work proposed for Cut G will consist of periodic maintenance dredging over the next ten years to provide safe navigation conditions for both commercial and recreational watercraft. Approximately 800,000 cubic yards of shoal material will be dredged over the ten year period. The dredged material will be placed in an old borrow site located offshore of MacDill Air Force Base. This will allow the bottom elevation of the borrow site to be brought back up to an elevation compatible with

the surrounding bay bottom depth, which will be more conducive to the propagation of sea grasses.

PROJECT AUTHORIZATION: Rivers and Harbors Act of December 31, 1970, House Document 401, 91st Congress, 2nd Session.

EVALUATION: There is an existing Environmental Assessment that addresses the maintenance dredging of Cut G. It does not address the offshore placement in the old borrow site. The existing EA has been used to make a preliminary determination that the proposed project will have no significant impact on the quality of the human environment and will not require an Environmental Impact Statement.

The Environmental Assessment is available for review by written request to the letterhead address.

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 is under evaluation in accordance with the Florida Coastal Zone Management Act to determine consistency 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. Compliance will be confirmed by issuance of the necessary Water Quality Certification from the State.

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 will be conducted. The following threatened or endangered species could be located in the project area:

Kemp's ridley sea turtle	<u>Lepidochelys kempii</u>
Loggerhead sea turtle	<u>Caretta caretta</u>
West Indian manatee	<u>Trichechus manatus</u>

Endangered/Threatened:

Green sea turtle	<u>Chelonia mydas</u>
------------------	-----------------------

All standard conditions and protection practices 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. 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.

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
NATIONAL MARINE FISHERIES SERVICE
NATIONAL PARK SERVICE
U.S. GEOLOGICAL SURVEY
FEDERAL ENERGY REGULATIONS
U.S. ENVIRONMENTAL PROTECTION AGENCY
NATIONAL OCEANOGRAPHIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF AGRICULTURE

STATE AGENCIES:

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF SOLID WASTE MANAGEMENT
FLORIDA GAME & FRESH WATER FISH COMMISSION
DIVISION OF ARCHIVES, HISTORY & RECORDS
STATE HISTORIC PRESERVATION OFFICE
FLORIDA DEPARTMENT OF TRANSPORTATION
SOIL CONSERVATION SERVICE
FLORIDA OFFICE OF ENTOMOLOGY
FLORIDA STATE CLEARINGHOUSE
FLORIDA MARINE PATROL
BUREAU OF STATE PLANNING
HABITAT CONSERVATION SERVICE
FLORIDA MARINE RESEARCH INSTITUTE

ENVIRONMENTAL ORGANIZATIONS:

FLORIDA AUDUBON SOCIETY
SIERRA CLUB
NATIONAL ESTUARY PROGRAM

LOCAL GOVERNMENTS AND ORGANIZATIONS:

BOARD OF COUNTY COMMISSIONERS, PINELLAS COUNTY
BOARD OF COUNTY COMMISSIONERS, HILLSBOROUGH COUNTY
BOARD OF COUNTY COMMISSIONERS, MANATEE COUNTY
DIRECTOR, TAMPA PORT AUTHORITY
CITY OF TAMPA
CITY OF ST. PETERSBURG

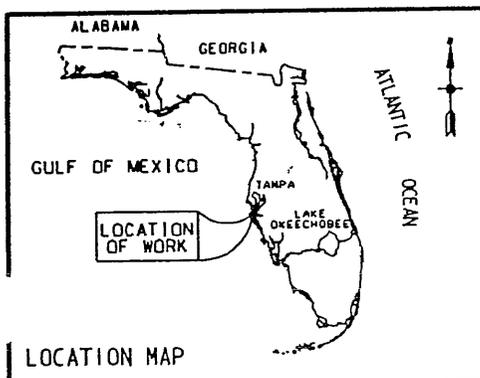
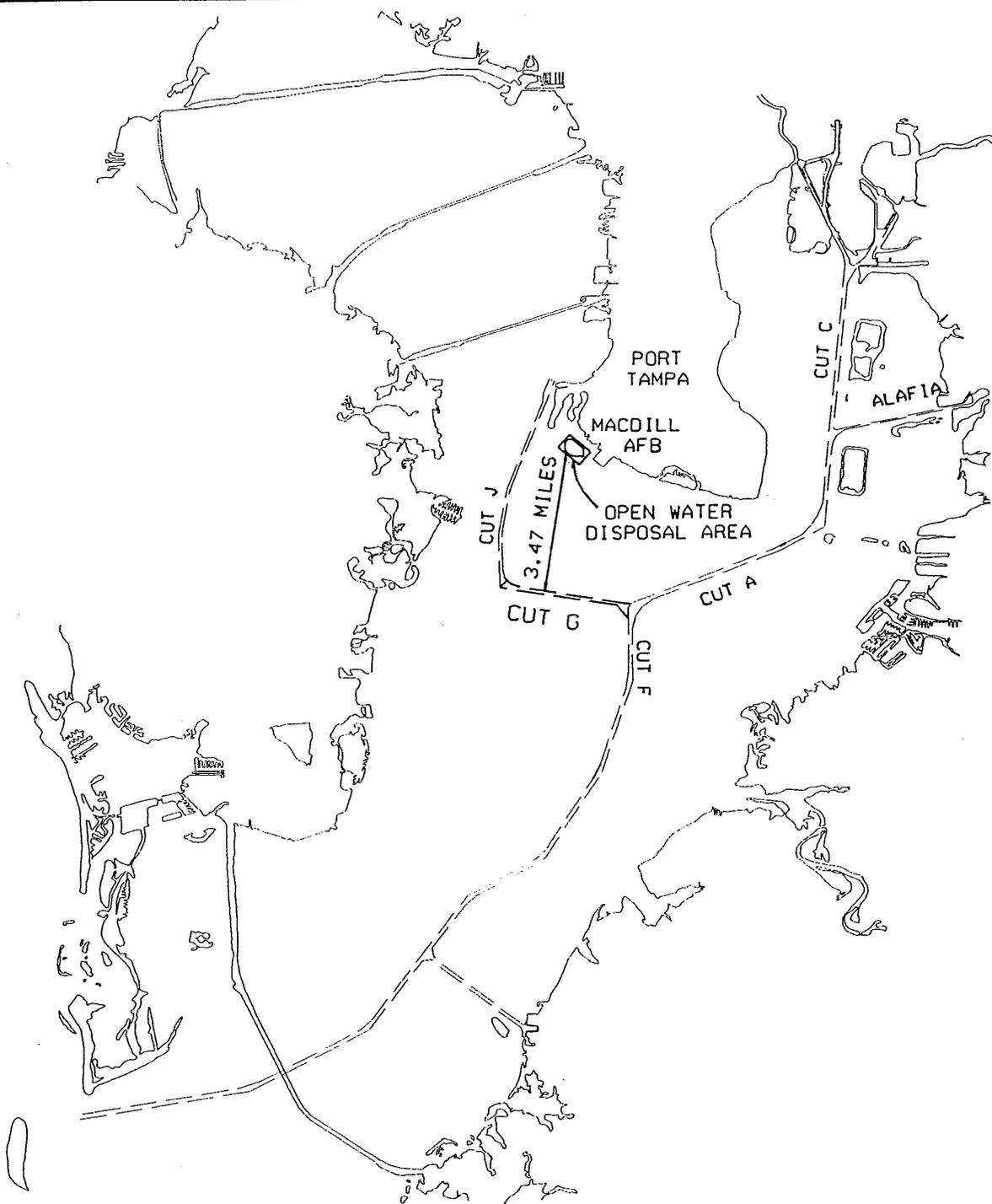
LOCAL MEDIA:

THE TAMPA TRIBUNE, TAMPA, FL

FOR THE COMMANDER:



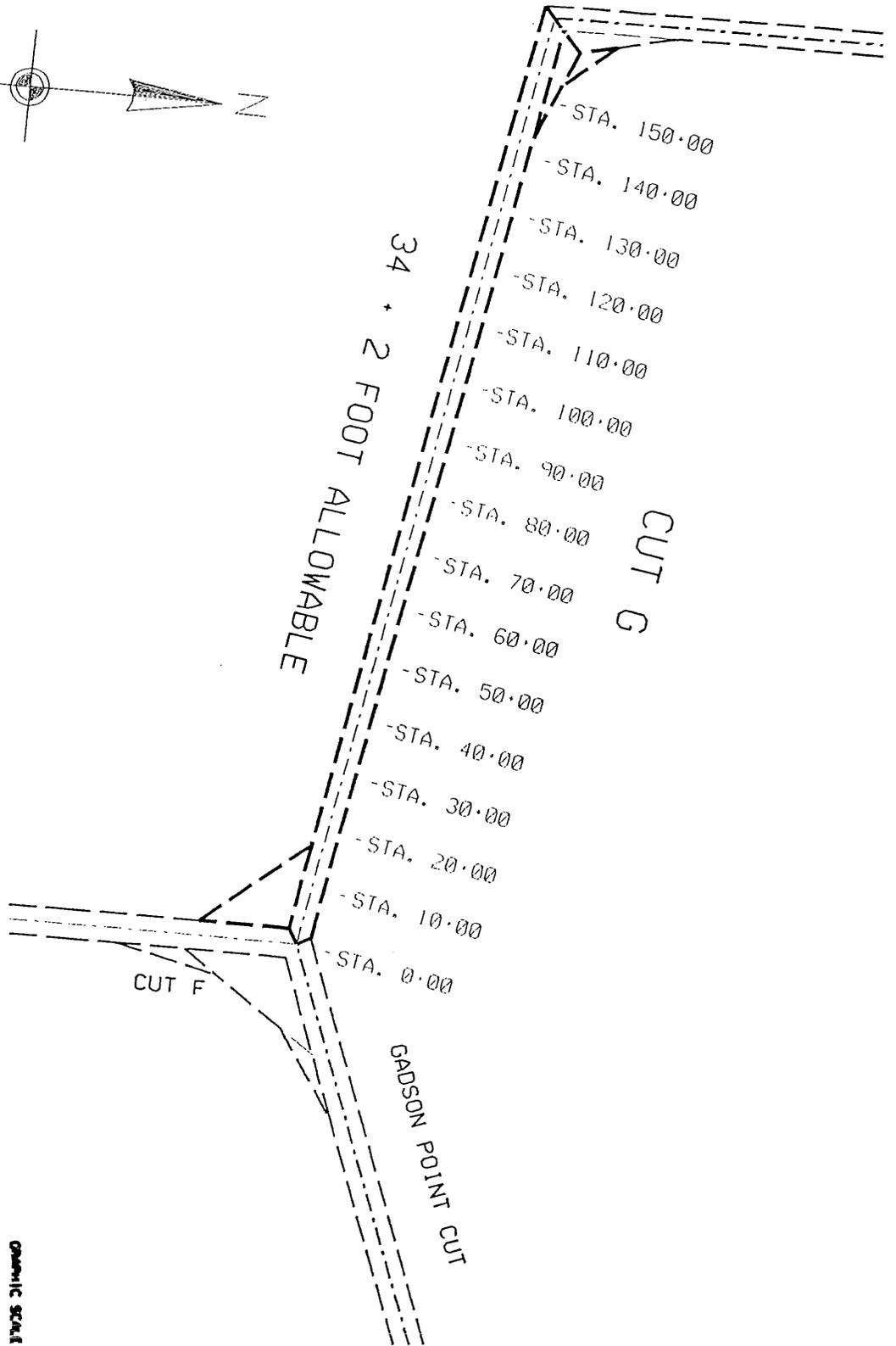
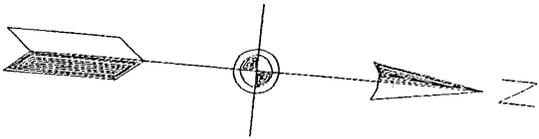
GIRLANDO DiCHIARA
Chief, Construction-Operations
Division



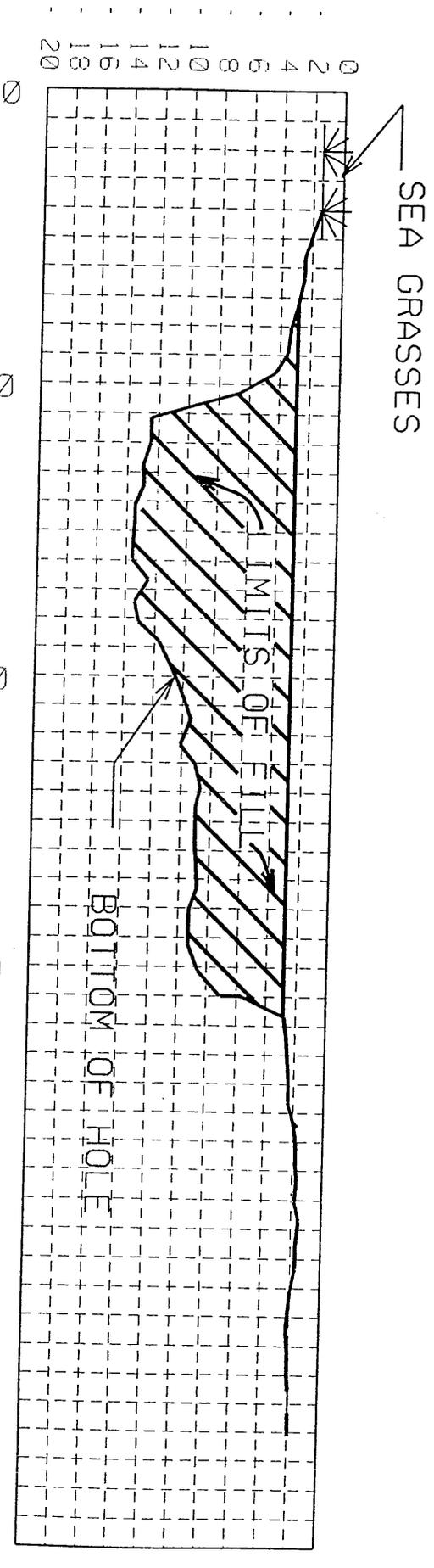
LOCATION MAP

U.S. ARMY CORPS OF ENGINEERS JACKSONVILLE DISTRICT, JACKSONVILLE, FLORIDA	
PUBLIC NOTICE PN-TH-222 MAINTENANCE DREDGING PORT TAMPA CUT G WITH OPEN WATER PLACEMENT TAMPA HARBOR, FLORIDA LOCATION MAP	
REV: MAR 98	PN DRAWING No. 1

CUT J



U.S. ARMY CORPS OF ENGINEERS JACKSONVILLE DISTRICT, JACKSONVILLE, FLORIDA
PUBLIC NOTICE PN-TH-222 MAINTENANCE DREDGING PORT TAMPA CUT G WITH OPEN WATER PLACEMENT TAMPA HARBOR, FLORIDA PLAN VIEW - CHANNEL
REV: APR 98 PN DRAWING NO. 2

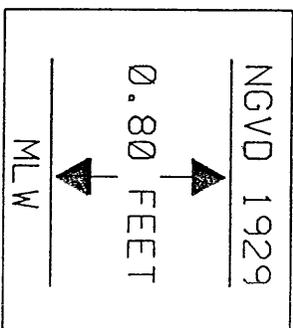
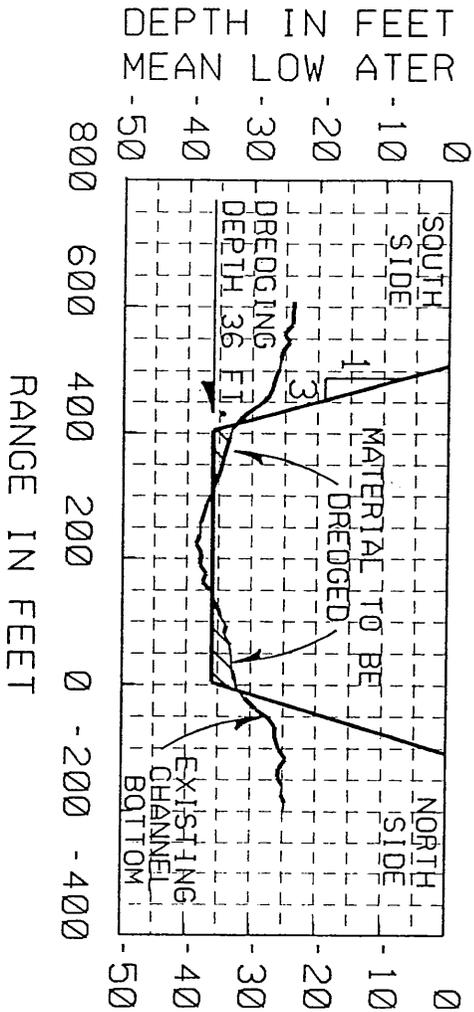


SECTION A-A'

-  LIMITS OF FILL
-  LIMITS EXISTING SEAGRASS

U.S. ARMY CORPS OF ENGINEERS JACKSONVILLE DISTRICT	
PUBLIC NOTICE PN-TH-222 MAINTENANCE DREDGING PORT TAMPA - CUT G	
WITH OPEN WATER PLACEMENT TAMPA HARBOR, FLORIDA CROSS SECTION - PLACEMENT AREA	
MAR 1998	PN DRAWING NO. 4

TYPICAL CROSS SECTION CUT G STATION 125 + 00



RELATIONSHIP BETWEEN
NGVD OF 1929
AND
MEAN LOW WATER (MLW)

U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT

PUBLIC NOTICE PN-TH-222
MAINTENANCE DREDGING
PORT TAMPA
CUT G

WITH OPEN WATER PLACEMENT
TAMPA HARBOR, FLORIDA
CHANNEL - CROSS SECTION

MAR 1998

PN DRAWING NO. 5



FLORIDA DEPARTMENT OF STATE

Jim Smith
Secretary of State

DIVISION OF HISTORICAL RESOURCES

R.A. Gray Building
500 South Bronough
Tallahassee, Florida 32399-0250

December 22, 1994

Director's Office
(904) 488-1480

Telecopier Number (FAX)
(904) 488-3353

Mr. Giralmo DiChiara, Chief
Construction-Operations Division
Jacksonville District Corps of
Engineers
P.O. Box 4970
Jacksonville, Florida 32232-0019

In Reply Refer To:
Frank J. Keel
Historic Sites
Specialist
(904) 487-2333
Project File No. 944168

RE: Cultural Resource Assessment Request
PN-SPH-193
Maintenance Dredge of Port of St. Petersburg Entrance
Channel and Turning Basin
Pinellas County, Florida

Dear Mr. DiChiara:

In accordance with the procedures contained in 36 C.F.R., Part 800 ("Protection of Historic Properties"), we have reviewed the referenced project for possible impact to archaeological and historical sites or properties listed, or eligible for listing, in the *National Register of Historic Places*. The authority for this procedure is the National Historic Preservation Act of 1966 (Public Law 89-665), as amended.

A review of the Florida Site File indicates that no significant archaeological or historical sites are recorded for or likely to be present within the project area. Furthermore, because of the project location and/or nature it is unlikely that any such sites will be affected. Therefore, it is the opinion of this office that the proposed project will have no effect on historic properties listed, or eligible for listing, in the *National Register of Historic Places*.

If you have any questions concerning our comments, please do not hesitate to contact us. Your interest in protecting Florida's historic properties is appreciated.

Sincerely,

Laura A. Kammerer
for George W. Percy, Director
Division of Historical Resources
and

State Historic Preservation Officer

GWP/Kfk



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

June 8, 2001

REPLY TO
ATTENTION OF

Construction-Operations Division
Public Notice NO. PN-CO-HIL-254

PUBLIC NOTICE
DREDGED MATERIAL PLACEMENT - HARBOR ISLE LAKE

TO WHOM IT MAY CONCERN: Pursuant to Section 401 of the Clean Water Act of 1977, the District Engineer, Jacksonville District, U. S. Army Corps of Engineers (Corps), has forwarded a request to the State of Florida, Department of Environmental Protection (DEP) for a Water Quality Certification (WQC) modification. The WQC 522363069 currently provides for the placement of maintenance dredged material from St. Petersburg Harbor in a man-made-lake site known as Harbor Isle Lake. The modification would allow for placement of dredged material from any of the Federal channels in Tampa Bay in the Harbor Isle Site. 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 of the date of this notice. Any person who has an interest that 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 Ms. Patricia Hanson of my staff at 904-232-1640. Her E-mail address is www.patricia.a.hanson@usace.army.mil.

WATERWAY & LOCATION: Harbor Isle Lake, Pinellas County, Florida

BACKGROUND: Harbor Isles Lake is a former borrow/quarry site located in St. Petersburg, adjacent to Grande Bayou. Existing lake depth ranges from twenty to more than thirty feet. This far exceeds the optimum depths for sunlight penetration and there is little or no vegetation. Lack of oxygen has resulted in major fish kills. Placing dredged material in the site would raise the bottom elevation to the 6-foot depth and allow for sunlight penetration needed for the growth of oxygen replenishing vegetation. This in turn would improve water quality providing a much more viable environment for aquatic species.

Both the Agency on Bay Management and the Tampa Bay Estuary Program have concurred with placement of dredged material in Harbor Isles Lake as a beneficial use of dredge material.

WORK & PURPOSE: Approximately 575,000 cubic yards of dredged shoal material from various shoals located throughout Tampa Bay would be dredged and placed in the Harbor Isle Site to raise the bottom elevation to minus 6 foot mean low water. The shoal material would be transported by pipeline to the lake either directly from the dredging location or transported by scow to a pumpout anchorage in Grande Bayou.

PROJECT AUTHORIZATION: Rivers and Harbors Act of 1950, P.L. 516, House Document No. 70, 81st Congress, First Session.

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.

EVALUATION: In July 1996, an Environmental Assessment (EA) was prepared for maintenance dredging of St. Petersburg Harbor with placement at Harbor Isles. The EA is being revised to include placement of material from Tampa Harbor. Preliminary evaluation of the information indicates that the proposed placement would have no significant impact on the quality of the human environment and that an Environmental Impact Statement pursuant to the National Environmental Policy Act (NEPA) would not be required.

ENDANGERED SPECIES: Consultation with the U.S. Fish and Wildlife Service pursuant to Section 7 of the Endangered Species Act has been concluded. They have issued a determination of "No Effect" concerning impacts to manatees.

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

All work under this notice entails placement in an existing upland lake/former borrow site and would not affect commercially managed marine species. Therefore it is exempt under the Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA).

EVALUATION FACTORS: All factors that 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 of the people.

HISTORICAL RESOURCES: The National Register of Historic Resources is being consulted to determine if any resources are present which may be affected by the placement 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.

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 REGULATORY COMMISSION
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 FISH & WILDLIFE CONSERVATION COMMISSION
DIVISION OF ARCHIVES, HISTORY & RECORDS
STATE HISTORIC PRESERVATION OFFICE
FLORIDA DEPARTMENT OF TRANSPORTATION
SOIL CONSERVATION SERVICE
PLANNING MANAGER BUREAU OF SUBMERGED LANDS DEPARTMENT
BUREAU OF SOIL AND WATER CONSERVATION
FLORIDA OFFICE OF ENTOMOLOGY
SOUTH FLORIDA WATER MANAGEMENT DISTRICT
FLORIDA STATE CLEARINGHOUSE
FLORIDA MARINE PATROL
BUREAU OF STATE PLANNING
FLORIDA DIVISION OF RECREATION
NORTHEAST FLORIDA REGIONAL PLANNING COUNCIL
HABITAT CONSERVATION SERVICE
FLORIDA STATE CONSERVATION SERVICE

ENVIRONMENTAL ORGANIZATIONS:

FLORIDA AUDUBON SOCIETY, MAITLAND, FL
FLORIDA WILDLIFE FEDERATION, WEST PALM BEACH, FL
SIERRA CLUB
FLORIDA DEFENDERS OF THE ENVIRONMENT
TAMPA BAY REGIONAL PLANNING COUNCIL, ST. PETERSBURG, FL
NATIONAL ESTUARY PROGRAM, ST. PETERSBURG, FL
AGENCY ON BAY MANAGEMENT