

RESOLUTION NO. 87-234

THIS RESOLUTION authorizes the County Administrator to submit an application for an Artificial Fishing Reef Grant to the Florida Department of Natural Resources, Division of Marine Resources; certifies that the County of St. Johns is eligible to receive the grant as a Governmental Entity; confirms that the County of St. Johns is fiscally able and legally responsible to administer the building of the artificial reef; and hereby certifies that the facility will be open to any and all segments of the public:

WHEREAS, the County of St. Johns has prepared a grant application for the expansion of an existing Artificial Fishing Reef under the Division of Marine Resources; and,

WHEREAS, it is required that a Resolution be adopted and become an official part of the application; and,

NOW THEREFORE, BE IT RESOLVED by the Board of County Commissioners, County of St. Johns, Florida, as follows:

1. That the County of St. Johns is hereby requesting the above described grant funds in the amount of \$20,000.00.
2. That the County Administrator is hereby authorized to apply for the funds from the Division of Marine Resources.
3. That the County of St. Johns recognizes the recreational contribution of an Artificial Ocean Fishing Reef to the local public as well as out of state visitor.
4. That there have and will be interested citizens and Governmental employees continually interested in advertising and promoting the use of this Artificial Fishing Reef.
5. St. Johns County is eligible to receive the grant as a Governmental Entity.
6. St. Johns County is fiscally able and legally responsible to administer the building of the Artificial Reef and hereby certifies that the facility will be open to any and all segments of the public.

PASSED AND ADOPTED THIS 27th DAY OF October, 1987

AYES 3 Phyllis L. Lydon, Francis N. Brubaker, Sarah Bailey
No. Names

NAYES 0 _____
No. Names

ABSENT Larry Hartley & Harry Waldron
Names

ABSTAIN 0 _____
Names

APPROVED THIS 27th DAY OF October, 1987

BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA

By: Phyllis L. Lydon
Phyllis Lydon, Chairman

ATTEST: Carl " Bud" Markel, Clerk

By: Cheryl Kent
Deputy Clerk

FLORIDA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF MARINE RESOURCES

Artificial Fishing Reef Program

Project Application

Section 1: Identification

1. Type of Project:

- Proposed New Artificial Fishing Reef
 Expansion of Existing Artificial Fishing Reef

THIS BLOCK FOR OFFICE USE ONLY

Date Application Received _____
Application Number Assigned _____

2. Applicant Identification:

- A. Name of Applicant: St. Johns County
B. Street or P.O. Box: P.O. Drawer 349
C. City: St. Augustine Zip Code: 32085-0349
D. Name of Designated Liaison Officer: Gene Burns
E. Telephone Number: Area Code: 904 Phone Number: 824-8131, Ext 410

3. Name of Project: South Nine Mile

Location of Project Site: (At center of Proposed Reef Site)

Lat. 29°53'33" Long. 81°06'36"

Loran Coordinates 44946.0/62022.7

Location of Assembly Area: Green Cove Springs, FL

4. Financial Assistance Requested:

- | | |
|--------------------------------------|---------------------|
| A. Estimated Total Cost of Project : | \$ <u>20,000.00</u> |
| B. Estimated Transportation Costs: | \$ <u>19,900.00</u> |
| C. Estimated Advertising Costs: | \$ <u>100.00</u> |
| D. Estimated Engineering Costs: | \$ <u>0.00</u> |

5. Name of Governing Body Head (Please Type) Phyllis Lydon, Chairman

Phyllis L. Lydon
Signature of Governing Body Head

October 27, 1987

Date

FLORIDA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF MARINE RESOURCES

Artificial Fishing Reef Program

Part B: Acceptance of Conditions and Stipulations

(To Be Completed and Signed)

I Dan Castle, representing, St. Johns County

St. Johns County do hereby certify that the governing body of the St. Johns County, during regular session of the governing body, did discuss the conditions and stipulations of this application and did agree to such conditions and stipulations as presented herein.

1. If approved for funding the grantee will make the completed artificial fishing reef available to the general public without regard to race, creed, sex, color, national origin or location of the users residence.

2. To provide access to records and grant rights to audit any books, documents and papers, of the grantee for inspection by the State of Florida Department of Natural Resources for this project during the project period and for three years after final payment has been made by the State. The grantee shall also require a local contractor or vendor receiving and award to agree in writing to the application of this provision where such pertains to the contractor's records relating to the South Nine Mile/1988 project.

3. The St. Johns County shall hold and save the Florida Department of Natural Resources, harmless from liability of any nature or kind, including costs and expenses, for or an account of any or all suits or damages of any character whatsoever resulting from injuries or damages sustained by any person(s) or property by virtue of the performance of the South Nine Mile/1988 artificial reef project construction.

4. It is understood that the above stated conditions and stipulations will be included as part of a project contract if this application is approved for funding.

St. Johns County

Name of Local Government

Phyllis Lydon, Chairman

Phyllis L. Lydon

Signature of Head of Governing Body

Please Type

October 27, 1987

Date

FLORIDA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MARINE RESOURCES

Artificial Fishing Reef Program
Project Application
Section 3: Questionnaire

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1. How much manpower do you anticipate will be needed for completion of this project: Give answer in man days, ie., 8 workers for 25 days is equal to 200 man days. Number : 35-40 Man Days
 2. Does this project possess any unusual or unique feature or is a particularly noteworthy innovation, strategy, concept or approach evident in the project proposal? If so, explain fully and attach response to the questionnaire form.
 3. What is your total budget for artificial reef construction during this fiscal year? \$ 1,500 What is your expected total budget for next fiscal year? \$ 1,500
 4. Do you have a master plan for recreation and does the plan include data pertaining to saltwater fishing and more specifically the construction of artificial fishing reefs: (Attach response including copies of appropriate pages from your plan)
 5. Do you have an Advisory Board for saltwater fishing matters and has your Advisory Board commented on this project application?
Yes _____ No X (Attach comments from Advisory Board)
 6. Do you have either favorable or unfavorable comments relating to this proposed project from citizens, organizations, clubs, etc. If so, attach copies of all such comments.
 7. Have you conducted or do you anticipate conducting demand or use-pressure studies relating to recreational saltwater fishing? If so, attach data from study or give the anticipated completion date for any study you may currently be conducting. Response: _____
-
-

REEF CONSTRUCTION PLAN

1. TYPE OF MATERIAL - This project will incorporate the use of precast concrete structures. Such as: Concrete culverts, manhole structures, culvert transitions and a variety of other such precast concrete materials. The material mentioned is located at a staging area on the St. Johns River, it is being provided by Taylor Concrete & Supply, Inc. which is adjacent to a World War II Naval Facility at Green Cove Springs, Florida.
2. SITE DATA - Site data is enclosed as attachments 5 through 6 with accompanying photographs. (See Attachments 5 through 7)
3. ASSEMBLY AREA DATA - The reef assembly area is located approximately 45 miles from the reef site on the shores of the St. Johns River in Green Cove Springs, FL. There is sufficient space for a barge and towing type vessel (Tug Boat) to move the material at above mentioned Naval Facility.
4. PROJECT IMPLEMENTAION SCHEDULE - Schedule depends primarily upon the availability of funds and will consist of an estimated 5 to 7 days work. Help from the local organizations interested in the development of offshore artificial reefs is expected to aid in reducing the manpower requirements for this proposed project.

SUPPORTING ORGANIZATIONS

Cpt. Bob Britts	Aquaventure Charter 89 Knight Boxx Road Orange Park, FL 32073
C.M. McCormick	Ancient City Gamefish Assc. PO Box 2001 St. Augustine, FL 32084
Bob Radin	Island Bait & Tackle Shop 215 Anastasia Blvd. St. Augustine, FL 32084
William Kerr	Hook Line and Sinker Camanchee Cove St. Augustine, FL 32084
Paul Winkler	Ranger Refrigeration Inc. PO Box 836A St. Augustine, FL 32084
Cpt. Frank Timmons Jr.	Camanchee Cove Charters Camanchee Island St. Augustine, FL 32084
Tracy E. Geigher	First Coast Waterfront News 6½ Rhode Avenue St. Augustine, FL 32084
Tommy Lewis	Camanchee Cove Yacht Harbor Camanchee Island St. Augustine, FL 32084
Worth Turner	N.E. Florida Marlin Assc. 3607 Pt. Pleasant Road Jacksonville, FL 32217
Pat Taylor	Discount Marine Supplies 308 S. Ponce De Leon Blvd. St. Augustine, FL 32084
Richard Taylor	North Beach Marine Service 603 Euclid Avenue St. Augustine, FL 32084
Richard Newton	Hammond Heating & A/C 3412 Galilee Road Jacksonville, FL 32207
J.W. Dulaney	Baker Bros. Inc. Referigeration 422 College Street Jacksonville, FL 32204

DIVERS REPORT: NINE MILE SOUTH REEF
by Jim Netherton

Oct. 19, 1987

During the summers of 1986 and 1987 a number of pleasure dives were made on the Nine Mile South reef and this report is an accumulation of observations made during those dives.

The Nine Mile South reef is an area where rocks rise above the sand from a height of about four inches to a maximum of about two feet. These rocky outcrops occur in patches and are separated from each other by barren sand. The patches are variable in size, with some contained in a circle with a diameter of 15-20 feet while others may form an irregular line a few hundred feet long. The accompanying map on the Loran grid represents places where dives have been made (labeled with a "D") or where fish have been caught (labeled with an "F"). Thus the explored area that we know to consist of natural bottom lies within a square roughly 2 miles on a side, or about 0.2 miles by 0.2 miles. There are likely other portions of the reef that we have not yet found.

The point near the center of this map, labeled "C", is located at 44945.5/62039.1. This is where the chart of the Ancient City Gamefish Association locates the Nine Mile South reef. It can be seen that there are two arrows on the map pointing northeast to the numbers 44946.0/62022.7 and 44944.8/62022.7. The first pair refers to the location of Nine Mile South given by the MAP-30 Atlas of Florida Artificial Reefs, while the second pair refers to the reef's location on a commercial chart. The MAP-30 atlas claims that the artificial reef was built in 1974 and consists of tires on a natural reef. These two points are about 1.5 miles northeast of the area described in this report and have not yet been surveyed by divers.

Another arrow points southwest to the numbers 44947.4/62044.2. This is about 0.5 miles southwest of the observed natural bottom and consists solely of firmly packed sand. It is our belief that this area is west of the entire reef system although many dives in the area would be required to substantiate this view and have not been attempted.

As might be expected this bottom is home to a wide variety of fauna. Soft corals are plentiful. A few small clumps of cold-resistant hard corals occur but are not especially common. Sponges, tunicates and a myriad of encrusting organisms cover every exposed piece of rock. The accompanying photographs are of poor quality because they were taken when visibility was only about 10 feet, but they serve to show in general what the bottom looks like. The fish population is quite varied but the individuals are generally small. The range of species covers the

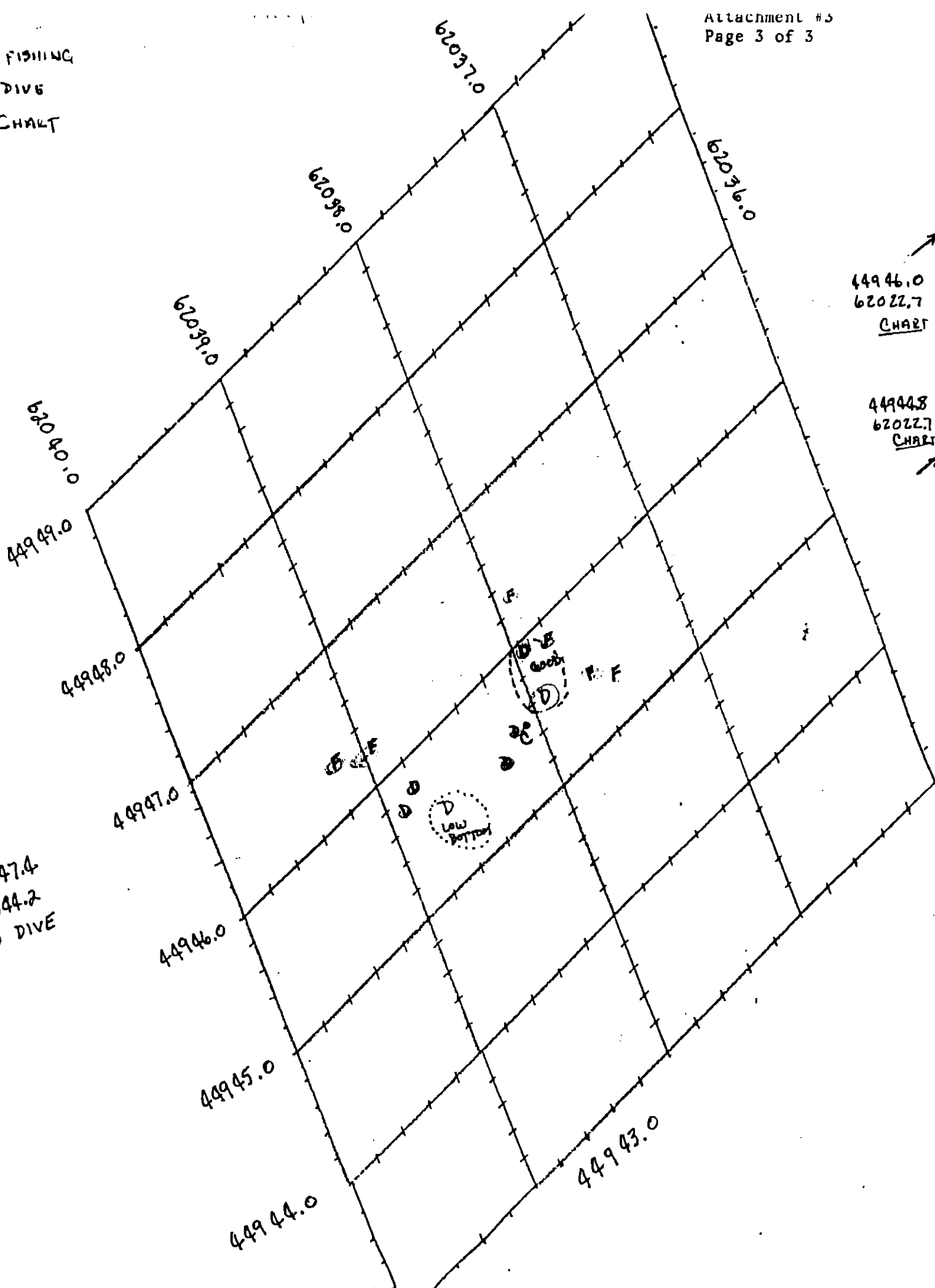
typical collection of bottom fish found in this area. We have occasionally seen a few large grouper and snapper (more than five pounds) in the area but the sightings are sporadic.

Based on these observations we offer two suggestions for artificial reef enhancement:

1) The depth of the area is from 60-70 feet. A planned profile of 10-15 feet for new reef material may help attract the larger desired gamefish. This could give a tenfold increase in reef profile and still provide 50 feet of clearance at the surface.

2) The sand around the reef is generally firm enough to support even high density concrete. Reef materials should probably be located at least 200-300 yards from living bottom. Since the living bottom is known to occur in patches, survey dives on the selected site should be performed prior to artificial reef placement. Reef placement should then occur precisely within the surveyed area.

F = FISHING
D = DIVE
C = CHART



44947.4
62044.2
SAND DIVE

44946.0
62022.7
CHART

44944.8
62022.7
CHART



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

JUN 25 1986

REPLY TO
ATTENTION OF
Regulatory Division
Field Monitoring Branch
86GP180224 through
86GP180233
SAJ-50

St. Johns County
c/o Gene Burns, Project Manager
Post Office Drawer 349
St. Augustine, Florida 32085

Dear Mr. Burns:

Reference is made to your request for a Department of the Army permit.

The project as proposed is authorized by General Permit, a copy of which is enclosed for your information and use. You are authorized to proceed with the project in accordance with the enclosed drawings subject to all conditions of the permit.

This letter of authorization does not obviate the necessity to obtain any other Federal, State, or local permits which may be required.

It appears that a permit from the Florida Department of Environmental Regulation may be required. A list of addresses of the appropriate State offices is enclosed for your information and use.

Thank you for your cooperation with our permit program.

Burl Waters
3-mile

Sincerely,

A handwritten signature in dark ink, appearing to be "RHS", written over a printed name.

Ronald H. Silver
Chief, Field Monitoring Branch

791-1679

Hart/RD-FK
jp-6/19

Silver/RD-F

Enclosures

bcc:
DER, Jacksonville
SAJRD-FK

✓NGAR

SAJ FL 985
Mar 85

JOINT APPLICATION
DEPARTMENT OF THE ARMY/FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION
For Activities in the Waters of the State of Florida

CORPS APPLICATION NUMBER (official use only)

18166A180224-233

DER APPLICATION NUMBER (official use only)

1. APPLICANT'S NAME AND ADDRESS

S | T | J | O | H | N | S | I | C | I | O | U | N | T | Y |
 NAME

P | O | D | R | A | W | E | R | 3 | 4 | 9 |
 STREET

S | T | A | U | G | U | S | T | I | N | E | F | L | 3 | 2 | 0 | 8 | 5 |
 CITY STATE ZIP

TELEPHONE NUMBER (Day) (904) 824-8131 Ext. 400 (Night) ()

2. Name, address, zip code and title of applicant's authorized agent for permit application coordination

Gene Burns, Project Manager
 PO Drawer 349
 St. Augustine, FL 32085
 Telephone Number (904) 824-8131 Ext. 410

3. NAME OF WATERWAY AT LOCATION OF THE ACTIVITY.

Atlantic Ocean

DER Code _____
 W/W Code _____

4. LOCATION WHERE PROPOSED ACTIVITY EXISTS OR WILL OCCUR.

See attachments 1 - 10

Street, road or other descriptive location	Section	Township	Range
Incorporated city or town	Latitude	Longitude	
County	Tax Assessors Description: (if known)		
	Map No.	Subdiv. No.	Lot No.

5. NAME AND ADDRESS INCLUDING ZIP CODE OF ADJOINING PROPERTY OWNERS WHOSE PROPERTY ALSO ADJOINS THE WATERWAY.

N/A

6. PROPOSED USE

Private Single Dwelling [] Private Multi-dwelling [] Public [X]
 Commercial [] Other [] (Explain in remarks)

7. DESCRIPTION OF PROJECT (Use additional sheets, if necessary)

- A. Structures: 1. New work Maintenance of existing structure
2. Piers, docks and uses: Commercial Private Public
- a. Single pier length _____ width _____
- b. Number of piers length _____ width _____
- c. Number of boat slips length _____ width _____
- d. Number of finger piers length _____ width _____
- e. Other (please describe) _____
3. Seawalls, revetments, bulkheads: length _____
- a. Type: Vertical Riprap Slope: _____ Horizontal: _____ Vertical _____
- b. Material to be used _____
4. Other type of structure Artificial Reef

COE
Work Code

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- B. Excavation or Dredging: New Work Maintenance work Total acreage involved _____
1. Access Channel or Canal Length _____ ft. Width _____ ft. Depth _____ ft.
2. Boat Basin or Boat Slip Length _____ ft. Width _____ ft. Depth _____ ft.
3. Other _____ Length _____ ft. Width _____ ft. Depth _____ ft.
4. Cubic yards: Total for project _____
- a. _____ cyd. waterward/_____ cyd. landward of ordinary/mean high water
- b. Type of material to be excavated/dredged _____

C. Fills:

1. Amount of material
- a. Cubic yards placed waterward of ordinary/mean high water _____
- b. Cubic yards placed landward of ordinary/mean high water _____
- c. Total acreage to be filled _____ Total acreage of wetlands involved _____
2. Containment for fill
- a. Dikes b. Seawall, etc. c. Other (please explain) _____
3. Type of fill material to be used _____
4. Source of fill material to be used _____

DER
Code
253
403

8. Date activity is proposed to commence _____, to be completed _____.

9. Previous permits for this project have been _____ DER # _____ Corps # _____
A. Denied (date) _____
B. Issued (date) 4-18-81 _____ 80M-1569
C. Other (please explain) Sheet 3 of 10 previously permitted
Differentiate between existing work and proposed work on the drawings.

10. Remarks (See Instruction Pamphlet for additional information required for all applications and certain activities. Use additional sheets if necessary.)

11. AFFIDAVIT OF OWNERSHIP OR CONTROL of the property on which the proposed project is to be undertaken

I CERTIFY THAT: (please check appropriate space)
 I am the record owner, lessee, or record easement holder of the property described below.
 I am not the record owner, lessee, or record easement holder of the property described below, but I will have before undertaking the proposed work the requisite property interest. (Please explain what the interest will be and how it will be acquired.)

LEGAL DESCRIPTION OF PROPERTY SITUATED IN _____ COUNTY, FLORIDA
(Use additional sheets if necessary)

Signature

Sworn and subscribed before me at _____ County,
_____, this _____ day of _____, 19__.

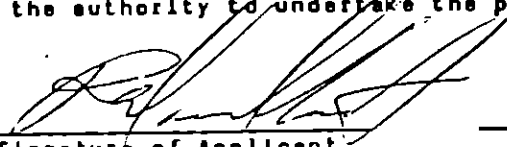
NOTARY PUBLIC

My commission expires:

12. Application is made for a permit(s) to authorize the activities described herein.

- A. I authorize the agent listed in Item #2 to negotiate modifications or revisions, when necessary, and accept or assent to any stipulations on my behalf.
- B. I understand I may have to provide any additional information/data that may be necessary to provide reasonable assurance or evidence to show that the proposed project will comply with the applicable State Water Quality Standards or other environmental standards both before construction and after the project is completed.
- C. In addition, I agree to provide entry to the project site for inspectors with proper identification or documents as required by law from the environmental agencies for the purpose of making preliminary analyses of the site. Further, I agree to provide entry to the project site for such inspectors to monitor permitted work if a permit is granted.
- D. Further, I hereby acknowledge the obligation and responsibility for obtaining all of the required state, federal or local permits before commencement of construction activities. I also understand that before commencement of this proposed project I must be granted separate permits or authorizations from the U.S. Corps of Engineers, the U.S. Coast Guard, the Department of Environmental Regulation, and the Department of Natural Resources, as necessary.

I CERTIFY that I am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete and accurate. I further certify that I possess the authority to undertake the proposed activities.


Signature of Applicant

6/6/86
Date

NOTE: THIS APPLICATION MUST BE SIGNED by the person who desires to undertake the proposed activity or by an authorized agent. If an agent is applying on behalf of the applicant, attach proof of authority for the agent to sign and bind the applicant.

18 U.S.C. Section 1001 provides that: Whoever in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than five years, or both.

NOTICE TO PERMIT APPLICANTS

This is a Joint Application; it is NOT a Joint Permit!
You Must Obtain All Required Local, State, and Federal
Authorizations or Permits Before Commencing Work!!

For your information: Section 370.034, Florida Statutes, requires that all dredge and fill equipment owned, used, leased, rented or operated in the state shall be registered with the Department of Natural Resources. Before selecting your contractor or equipment you may wish to determine if this requirement has been met. For further information, contact the Chief of the Bureau of Licenses and Motorboat Registration, Department of Natural Resources, 3900 Commonwealth Boulevard, Tallahassee, Florida 32303. Telephone Number 904/488-1195. THIS IS NOT A REQUIREMENT FOR A PERMIT FROM THE DEPARTMENT OF ENVIRONMENTAL REGULATION.

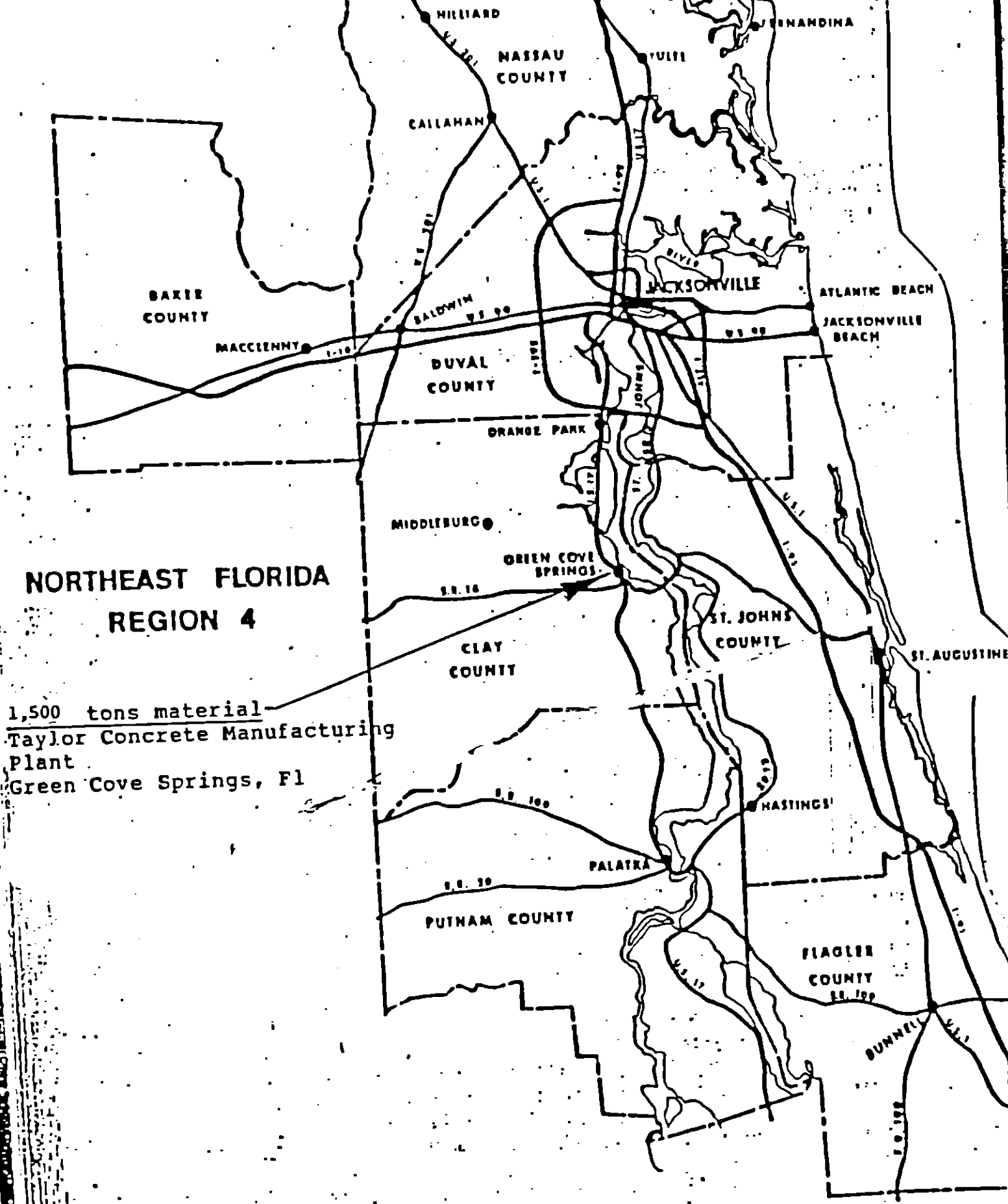
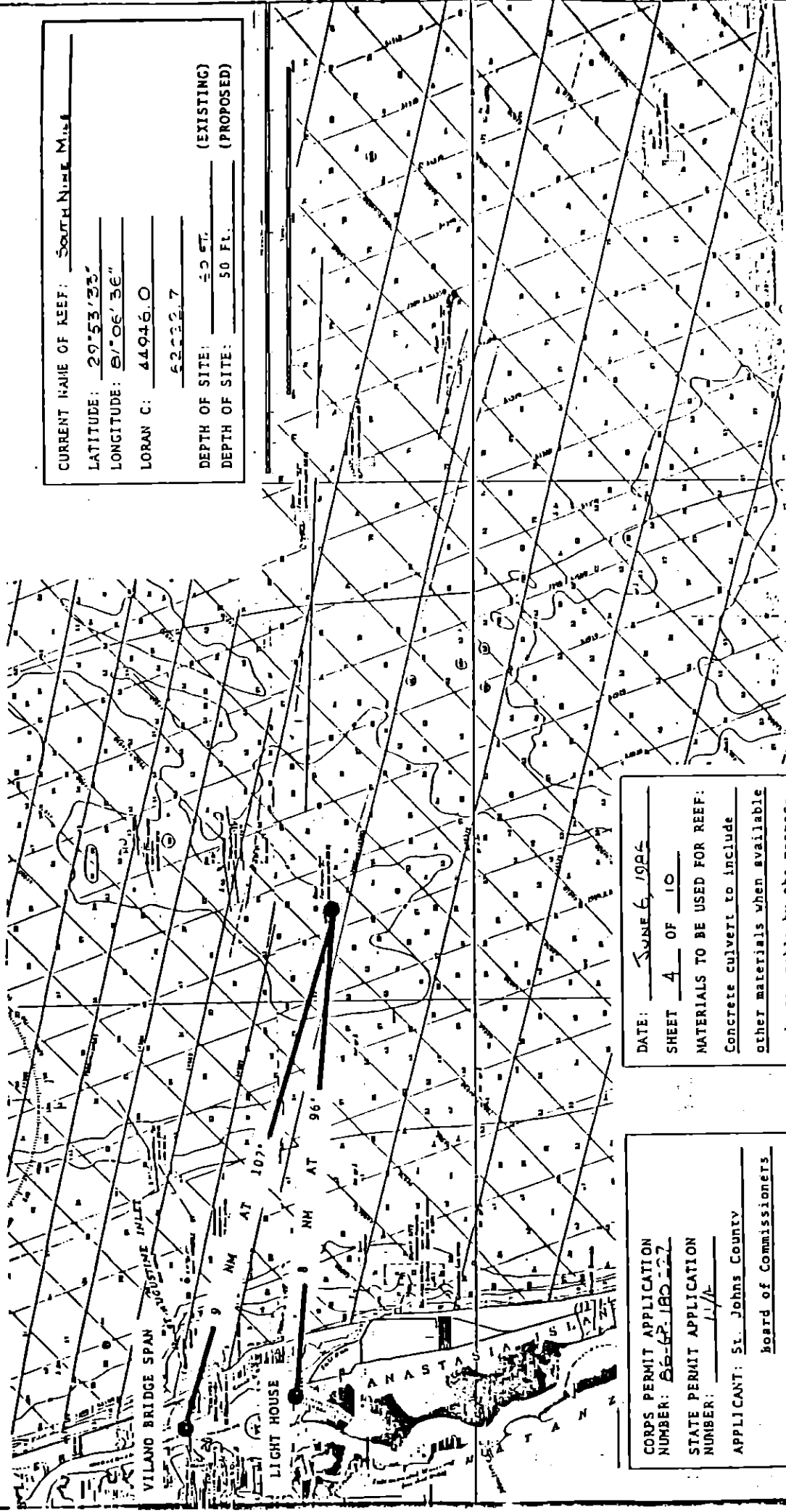


Figure 2 - Main Highway System



CURRENT NAME OF REEF: South Nine Mile
 LATITUDE: 29°53'33"
 LONGITUDE: 87°06'36"
 LORAN C: 44946.0
62222.7
 DEPTH OF SITE: 50 FT. (EXISTING)
 DEPTH OF SITE: 50 FT. (PROPOSED)

DATE: JUNE 6, 1986
 SHEET 4 OF 10
 MATERIALS TO BE USED FOR REEF:
Concrete culvert to include
other materials when available
and acceptable by the respec-
tive permitting agencies

CORPS PERMIT APPLICATION
 NUMBER: 6662-180-22
 STATE PERMIT APPLICATION
 NUMBER: 117A
 APPLICANT: St. Johns County
Board of Commissioners
P.O. Drawer 349
St. Augustine, FL 32085

SOUTH NINE MILE



