

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF MANATEE COUNTY FLORIDA APPROVING A WEST COAST INLAND NAVIGATION DISTRICT (WCIND) PROJECT AND AUTHORIZING THE CHAIRMAN TO EXECUTE AN APPLICATION FOR THE CITY OF HOLMES BEACH/CITY OF ANNA MARIA KEY ROYALE PASS DREDGING PROJECT WITH FUNDING PROVIDED BY THE MANATEE COUNTY CAPITAL IMPROVEMENT FUND, THE MANATEE COUNTY NAVIGATION IMPROVEMENT FUND AND REALLOCATION OF FUNDS FROM PROJECT M71, CITY OF HOLMES BEACH SIMINI BAY/KEY ROYALE DREDGING PROJECT.

WHEREAS, the West Coast Inland Navigation District hereinafter referred to as "WCIND" is hereby created and authorized by Section 374.976, Florida Statutes and Article I, Part 4, Florida Administrative Code, to undertake projects and activities which are related with its waterways and

WHEREAS, the City of Holmes Beach, City of Anna Maria Key Royale Pass and the City of Simini Bay, Florida, hereinafter referred to as "City" shall apply for WCIND project applications by Resolutions and

WHEREAS, the City of Holmes Beach, City of Anna Maria Key Royale Pass and the City of Simini Bay, Florida, are authorized by Resolutions and

NOW THEREFORE, BE IT RESOLVED, by the Board of County Commissioners of Manatee County, Florida, that:

1. The County hereby approves the WCIND City of Holmes Beach/City of Anna Maria Key Royale Pass Dredging Project, as described in Exhibit A with funding provided by the Manatee County Capital Improvement Fund, the Manatee County Navigation Improvement Fund and reallocation of funds from WCIND Project M71, City of Holmes Beach Simini Bay/Key Royale Dredging Project.

2. Authorize the Chairman of the Board of County Commissioners to execute the Application and all appropriate documents with regards to the execution of the grant.

ADOPTED with a public hearing held on this the 4th day of November, 1997.

BOARD OF COUNTY COMMISSIONERS
MANATEE COUNTY, FLORIDA

Patricia M. Glass
PATRICIA M. GLASS
CHAIRMAN

ATTEST: CLERK OF THE BOARD

Suzanne L. Thomas
CLERK OF THE BOARD

COMES TO:

1. Pat. M. Glass
Patricia M. Glass
County Clerk
County Attorney
Internal Audit

DATE 11-2-97
BY Pat. M. Glass

WEST COAST INLAND NAVIGATION DISTRICT

WCIND WATERWAY DEVELOPMENT PROGRAM

APPLICATION FORM

PROJECT NUMBER: W.C.I.N.D. 74

DATE: 197 198
(FISCAL YEAR)

1. APPLICANT: Cities of Holmes Beach & Anna Maria

2. TYPE OF PROJECT: Channel Dredging

3. PROJECT TITLE: Key Royale Pass

4. PROJECT LOCATION: Mouth of Rimini Bay on Anna Maria Island
leading out to Tampa Bay

5. PROJECT DESCRIPTION AND PUBLIC BENEFIT TO RESULT: _____

Maintenance dredging of main inlet to Rimini Bay for approximately 1,000
linear feet to a depth of ⁷NGVD for about 2,500 residences on Rimini Bay

6. TYPE AND STATUS OF REQUIRED PERMITS, EASEMENTS OR LEASES:

TYPE: JCP STATUS: Our engineers are
Joint Coastal Permit to make application with
Tampa DEP @ 120 days

7. ESTIMATED COMPLETION DATE: June 1998

8. REQUIRED ATTACHMENTS:

- x A. VICINITY MAP
- B. SITE DEVELOPMENT PLAN
- C. PROJECTED COMPLETION DATE

FORM #1, Effective Date 11-11-90

WIND WATERWAY DEVELOPMENT PROGRAM

APPLICATION FORM - CONTINUED

9. WIND FUNDS REQUESTED: \$150,000 DOLLARS

10. LIST AMOUNT(S) AND SOURCE(S) OF OTHER PROJECT FUNDS.

ATTACH SEPARATE SHEET CLEARLY IDENTIFYING AND ENUMERATING THE AMOUNT AND SOURCE OF ALL MATCHING FUNDS. ACCORDING TO SECTION 374.976 FS AND RULE 16S-2, F.A.C., MATCHING FUNDS ARE REQUIRED EXCEPT FOR CERTAIN EXCEPTED PROJECTS.

11. ESTIMATED TOTAL PROJECT COST: \$250,000
DOLLARS

(Parts I & II, Phase II - \$111,750)

12. APPLICANT IDENTIFICATION:

APPLICANT COUNTY: Manatee

LOCATED IN CITY OF: Bradenton IF APPLICABLE)

LIAISON AGENT: Frederick J. Loveland

APPOINTED REPRESENTATIVE OF: Manatee COUNTY BOARD OF
(NAME OF COUNTY) COUNTY COMMISSIONERS

OR:

APPOINTED REPRESENTATIVE OF: _____ STATE OF FLORIDA
(NAME OF DEPARTMENT)

ADDRESS: P. O. Box 1000

Bradenton, FL 34206

TELEPHONE NO: (813) 749-3030

13. SIGNATURE: Patricia M. Glass Patricia M. Glass

DATE: 11-4-97 Chairman
Board of County Commissioners

ATTEST, R. B. SHORE
CLERK OF CIRCUIT COURT

BY: [Signature]



City of Holmes Beach

October 13, 1997

RECEIVED

Community Services Department
Manatee County Government
PO Box 1000
Bradenton, FL 34206-1000

OCT 22 1997
MANATEE COUNTY
COMMUNITY SERVICES

Dear Mr. Englehardt:

Since February 1997 the Cities of Anna Maria and Holmes Beach have been jointly seeking a much needed maintenance dredging of the Key Royale Pass.

Zoller, Najjar & Shroyer, Inc. have been engaged as the Cities' Engineer and to date have produced a profile of the Pass. Their survey shows some 1600 cubic yards of material that needs to be removed.

After extensive discussion among officials of both Cities and Zoller, Najjar & Shroyer, Inc., hydraulic relocation of the material from the Pass to Anna Maria's southern most bay beach has been decided the "best procedure". This, after considering feasibility of spoil handling and associated costs including staging area and likely state surcharges. Projected costs for this operation are \$250,000.

Required permits are anticipated to be in place by March 1, 1998 with actual dredging to begin by May 1, 1998. With agreement of each City to provide \$50,000 we are requesting WCIND assistance of \$150,000 to fund this joint project.

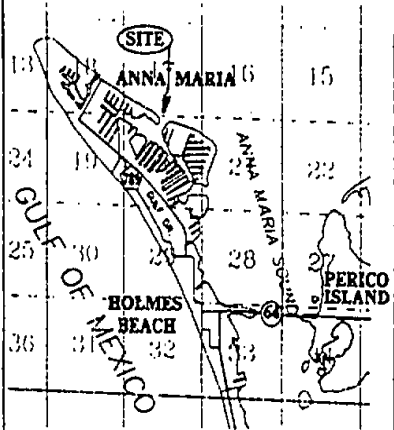
We appreciate your continued efforts to help us maintain this heavily used passage.

Holmes Beach Mayor
Bob Van Wagoner

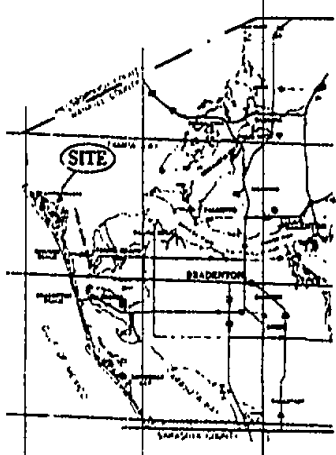
Anna Maria Mayor
Chuck Shumard

Building Department/ Public Works
5901 Marina Drive, Holmes Beach, Florida 34217
941/778-6663 FAX 941/779-1219

PROPOSED DREDGE AND FILL PERMIT
FOR
CANAL DREDGING
LOCATED AT
KEY ROYALE PASS CHANNEL
IN
SECTION 19, TOWNSHIP 34 SOUTH, RANGE 16 EAST
MANATEE COUNTY, FLORIDA



VICINITY MAP



LOCATION MAP

NOTES:

1. CANAL DREDGING ACTIVITIES INDICATED ON PERMIT DRAWINGS WILL BE TO THE CURRENT APPLICABLE MANATEE COUNTY PUBLIC WORKS DEPARTMENT REGULATIONS AND SPECIFICATIONS.
2. Silt barrier systems shall be placed downstream of all proposed activity locations per the requirements and specifications of the Florida Department of Environmental Protection.
3. ALL EXISTING ELEVATIONS AND CONTOURS DERIVED ON THESE APPLICATION DRAWINGS ARE BASED ON 1929 M.C.V.S. DATUM.
4. DREDGING ACTIVITIES WILL DISCHARGE AT A MINIMUM OF 30' FROM EXISTING SEAWALL AND BUILDING. THE DISCHARGE SHALL BE IN THE FORM OF SHEET FLOW AND WILL PASS THROUGH THE STAKED MATERIALS.
5. CONTRACTOR SHALL ERECT FLOATING TURBIDITY BARRIERS AROUND DREDGE OPERATION AS NECESSARY TO PROTECT WATER QUALITY OF SURROUNDING AREAS.
6. CONTRACTOR SHALL INSTALL TEMPORARY PVC MARKERS TO DEFINE ROUTE INTO OFF-LOADING AREA FOR SPOIL MATERIAL.
7. SPOIL MATERIAL SHALL BE TEMPORARILY STOCKPILED ON FISKE PROPERTY. DEPENDING UPON QUALITY OF SPOIL, IT WILL LATER BE USED ON A BEACH RENOVATION PROJECT, RELOCATED TO ANOTHER UPLAND AREA OR HAULED TO THE MANATEE COUNTY LAND ROAD LANDFILL.
8. DREDGING ACTIVITIES TO BE DONE WITH CLAM SHELL BUCKETS.
9. EXCAVATION PROPOSED ABOVE ORDINARY HIGH WATER: AREA = none.
10. EXCAVATION PROPOSED BELOW ORDINARY HIGH WATER: AREA = 18,303 C. Y.
11. FILL PROPOSED ABOVE ORDINARY HIGH WATER: AREA = none.
12. FILL PROPOSED BELOW ORDINARY HIGH WATER: 100' x 100' SUBMERGED POWER LINE COVER @ (1) B.1 AREA = 408 C. Y.

PURPOSE:

CANAL DREDGING TO ACCOMMODATE BOAT ACCESS THROUGH KEY ROYALE PASS.

LOCATION:

LATITUDE = 27° 31' 30" LONGITUDE = 82° 44' 00"

80

Application by:

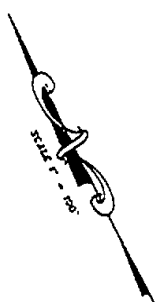
Lellan, Naffin and Shroyer, Inc.

281 30th Avenue Drive East
Bradenton, Florida 34208

DATE: _____

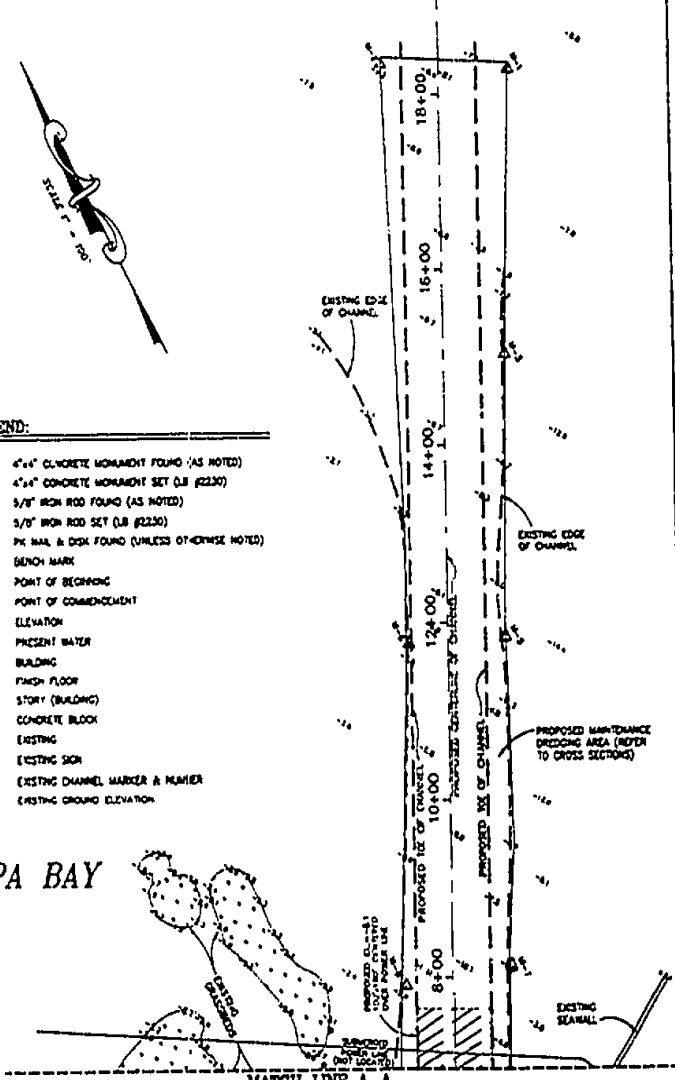
LEONARD & HAAS, P.E.
FLORIDA CERTIFICATE NO. 23443

SHEET 1 OF 8



LEGEND:

- 4"x4" CONCRETE MONUMENT FOUND (AS NOTED)
- 4"x4" CONCRETE MONUMENT SET (L.S. #2230)
- 3/8" IRON ROD FOUND (AS NOTED)
- 3/8" IRON ROD SET (L.S. #2230)
- ⊙ P.V. NAIL & DISK FOUND (UNLESS OTHERWISE NOTED)
- ⊙ BENCH MARK
- P.O.D. POINT OF BEGINNING
- P.C.C. POINT OF COMMENCEMENT
- EL. ELEVATION
- P.W. PRESENT WATER
- B.L.D.G. BUILDING
- F.F. FINISH FLOOR
- S.T.Y. STORY (BUILDING)
- C.B. CONCRETE BLOCK
- EXIST. EXISTING
- EXISTING SIGN
- △ EXISTING CHANNEL MARKER & NUMBER
- ⋯ EXISTING GROUND ELEVATION



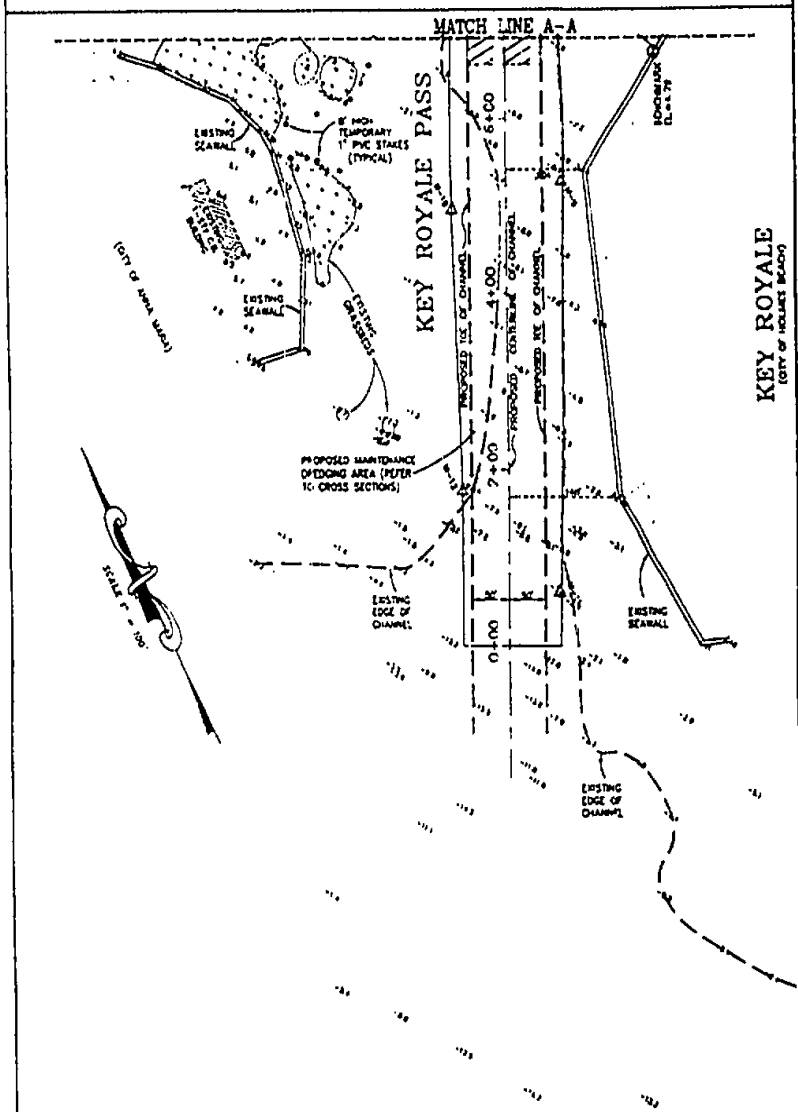
TAMPA BAY

MATCH LINE A-A

OVERALL PLAN VIEW
OF THE
DREDGE AND FILL PERMIT
FOR
KEY ROYALE PASS CHANNEL
LOCATED IN
SECTION 34, TOWNSHIP 10 SOUTH, RANGE 17 EAST
MANATEE COUNTY, FLORIDA

SHEET 2 OF 3

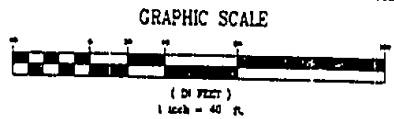
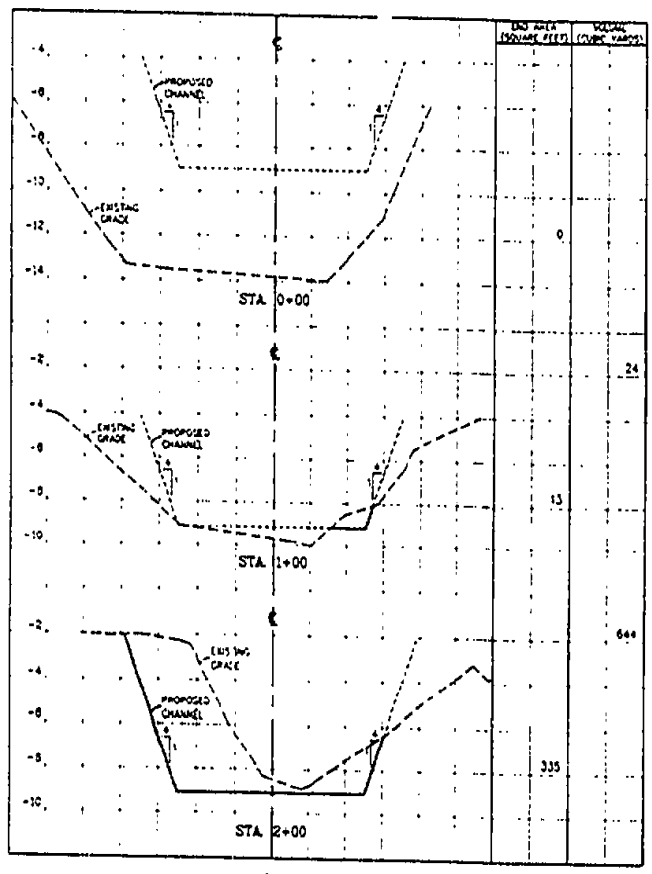
DATE: _____
APPLICATION BY:
Zoller, Naffar and Shroyer, Inc.
LEONARD J. HALLMAN, P.E.
FLORIDA CERTIFICATE NO. 23445



OVERALL PLAN VIEW
 OF THE
 DREDGE AND FILL PERMIT
 FOR
KEY ROYALE PASS CHANNEL
 LOCATED IN
 SECTION 34, TOWNSHIP 16 SOUTH, RANGE 17 EAST
 MANATEE COUNTY, FLORIDA

DATE: _____
 APPLICATION BY:
Latta, Naffor and Shroyer, Inc.

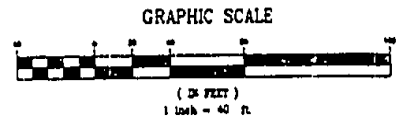
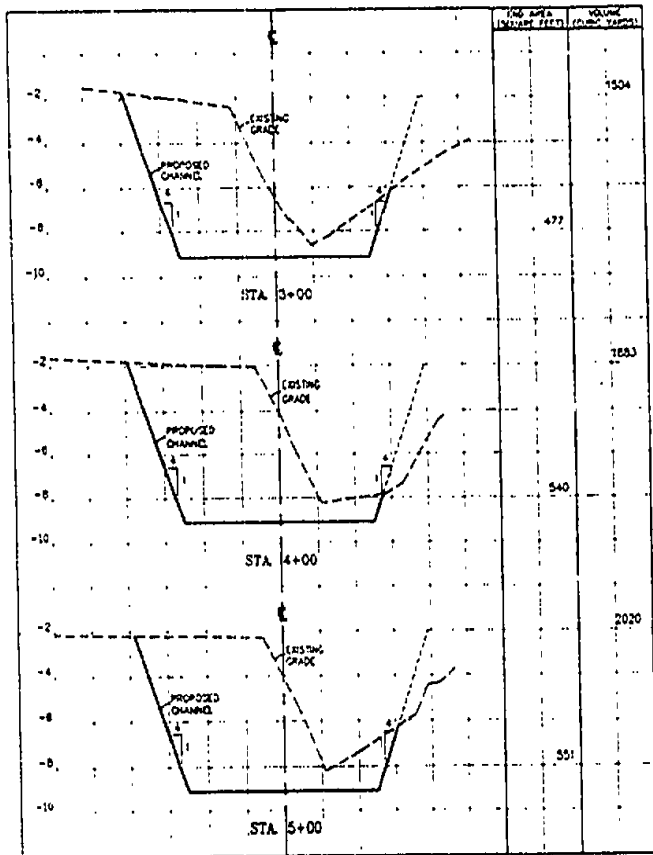
LEONARD J. HALLAR, P.E.
 572
 REGISTERED PROFESSIONAL ENGINEER NO. 73224



CROSS SECTIONS
STA. 0+00 TO STA. 2+00
DREDGE AND FILL PERMIT
FOR
KEY ROYALE PASS CHANNEL
LOCATED IN
SECTION 34, TOWNSHIP 16 SOUTH, RANGE 17 EAST
MANATEE COUNTY, FLORIDA

DATE _____
APPLICATION BY
Zeller, Najjar and Shroyer, Inc.
LEONARD J. NAJJAR, P.E.
FLORIDA CERTIFICATE NO. 23443

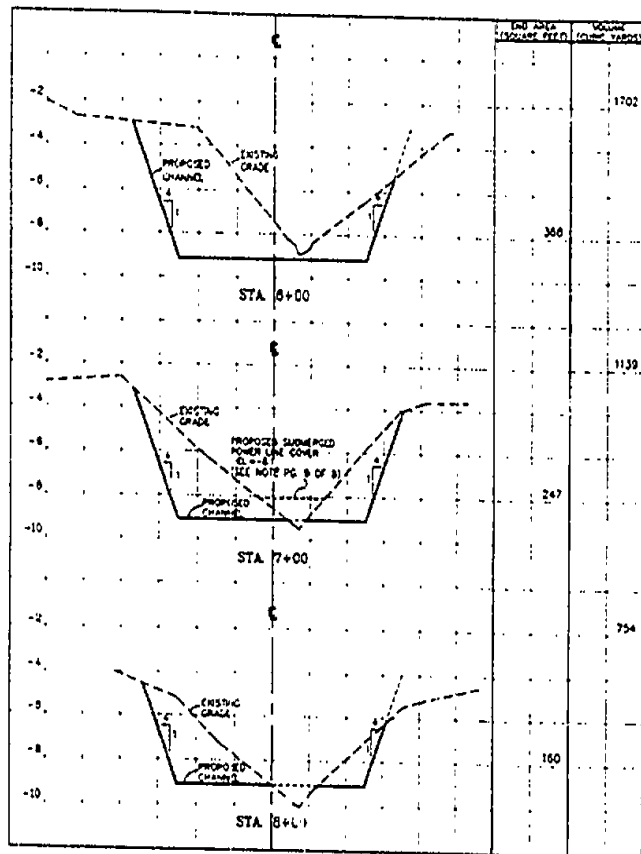
SHEET 4 OF 9



CROSS SECTIONS
 STA 3+00 TO STA 6+00
 DREDGE AND FILL PERMIT
 FOR
KEY ROYALE PASS CHANNEL
 LOCATED IN
 SECTION 34, TOWNSHIP 16 SOUTH, RANGE 17 EAST
 MANATEE COUNTY, FLORIDA

DATE: _____
 APPLICATION BY:
Loller, Najjar and Shoemaker, Inc
 LEONARD J. NAJJAR, P.E.
 ENGINEER, REGISTRATION NO. 73648

SHEET 5 OF 9



GRAPHIC SCALE



(IN FEET)
1 inch = 40 ft.

CROSS SECTIONS
STA. 8+00 TO STA. 8+00

DREDGE AND FILL PERMIT

FOR

KEY ROYALE PASS CHANNEL

LOCATED IN

SECTION 34, TOWNSHIP 16 SOUTH, RANGE 17 EAST
MANATEE COUNTY, FLORIDA

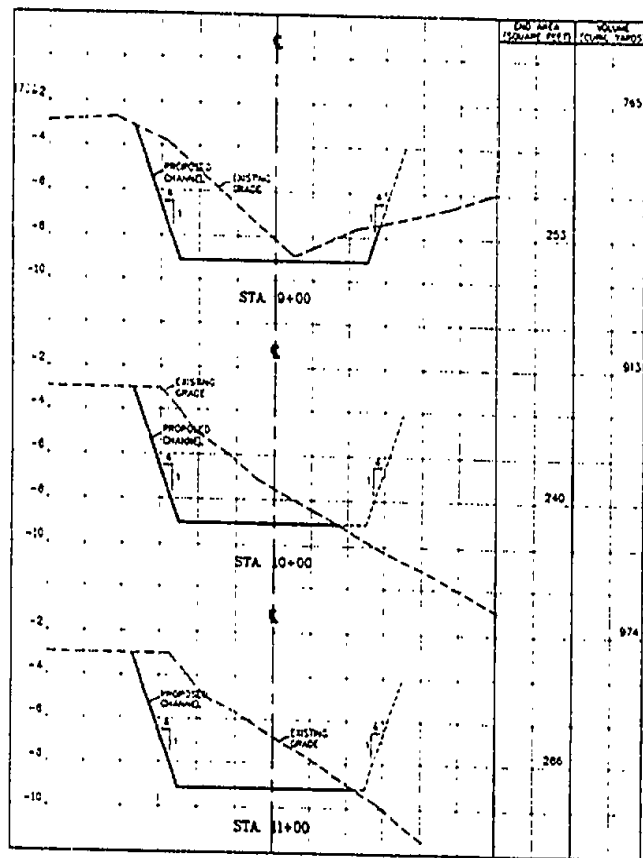
DATE: _____
APPLICATION BY:

Zoller, Naffor and Shroyer, Inc

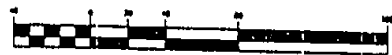
LEONARD J. NAJJAR, P.E.
FLORIDA CERTIFICATE NO. 23445

85

SHEET 6 OF 9



GRAPHIC SCALE



(IN FEET)
1 inch = 40 ft.

CROSS SECTIONS
STA. 9+00 TO STA. 11+00

DREDGE AND FILL PERMIT

FOR

KEY ROYALE PASS CHANNEL

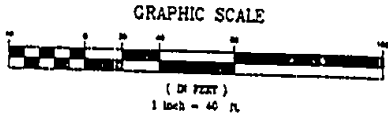
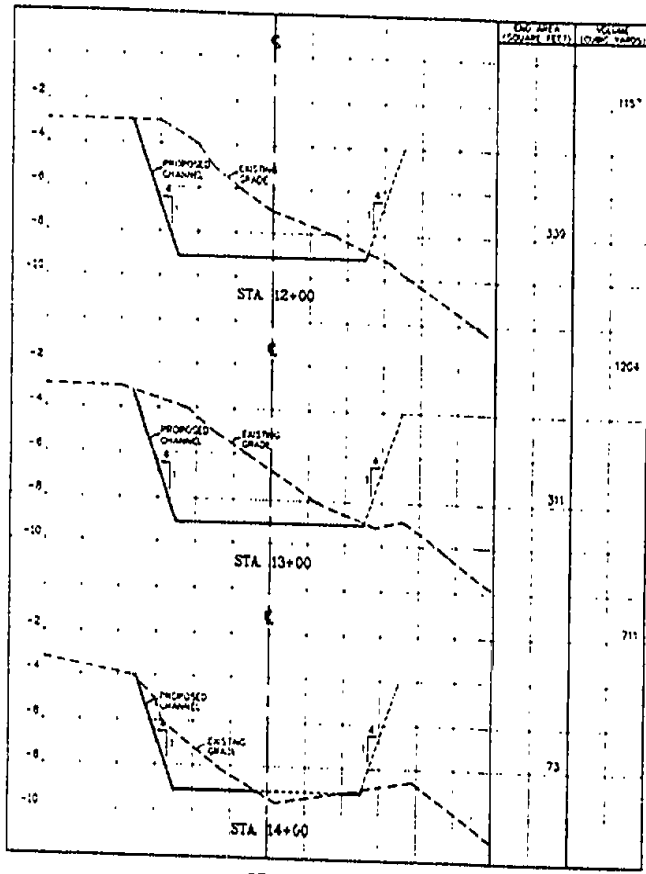
LOCATED IN

SECTION 34, TOWNSHIP 16 SOUTH, RANGE 17 EAST
MANATEE COUNTY, FLORIDA

SHEET 7 OF 9

DATE _____
APPLICATION BY
Zoller, Naffar and Stroyer, Inc.

LEONARD J. WALLAR, P.E.
FLORIDA CERTIFICATE NO. 23445



CROSS SECTIONS
STA 12+00 TO STA 14+00

DREDGE AND FILL PERMIT

FOR

KEY ROYALE PASS CHANNEL

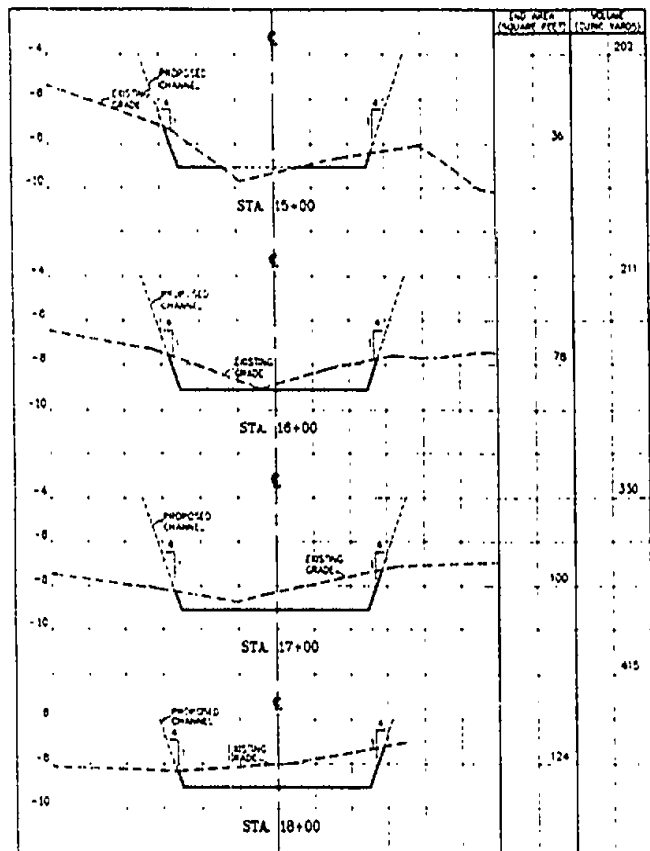
LOCATED IN

SECTION 34, TOWNSHIP 16 SOUTH, RANGE 17 EAST
MANATEE COUNTY, FLORIDA

DATE _____
APPLICATION BY
Lollar, Najjar and Stryker, Inc

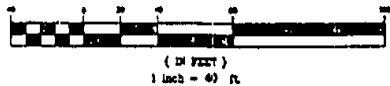
LEONARD J. NAJJAR, P.E.
FLORIDA CERTIFICATE NO 23445

SHEET 6 OF 9



GRAPHIC SCALE

SUB-TOTAL EXCAVATION @ (-) 391 = 15 552 CU YDS
 LESS 126400 SUBMERGED POWER
 LINE COVER @ (11.1) = 408 CU YDS
 TOTAL EXCAVATION @ (-) 391 = 15 144 CU YDS



CROSS SECTIONS
 STA 15+00 TO STA 18+00

DREDGE AND FILL PERMIT

FOR
 KEY ROYALE PASS CHANNEL
 LOCATED IN

SECTION 34, TOWNSHIP 16 SOUTH, RANGE 17 EAST
 MANATEE COUNTY, FLORIDA

DATE _____
 APPLICATION BY
Lollar, Najjar and Shroyer, Inc

LEONARD J. NAJJAR, P.E.
 FLORIDA CERTIFICATE NO. 23445

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SHEET 9 OF 9



201 5th Avenue Drive East
Post Office Box 9448
Bradenton, Florida 34206

(941) 748-8080
Fax (941) 748-3316
Survey Fax (941) 748-3747
E-mail: zns@manatee-cc.com
Web Page: www.manatee-cc.com/zns/

OCT 15 1997

October 14, 1997

Mr. Phil Charnock
City of Anna Maria
P O Box 608
Anna Maria, FL 34216

RECEIVED

OCT 15 1997

Ans'd _____

Re: **Key Royale Channel Dredging**
ZNS File No. 00-19133

Dear Phil

Pursuant to your request, we are proceeding with modifications to the plans to dredge the channel leading into Bimini Bay. The modification will be designed to hydraulically dredge the channel and pump the sand up to the beach on the southeast side of City Pier.

Attached is a copy of our previous estimate for professional fees associated with this plan modification. I respectfully request that you issue a work authorization for these services.

If you have any questions, please do not hesitate to contact me.

Sincerely,

ZOLLER, NAJJAR & SHROYER, INC.

Robert C. Gause, RLA
Assistant Vice President

RCG:lp
Enclosure

cc Dr. Len Najjar

July 8, 1997

Mr. Phil Charnock
City of Anna Maria Island
P O Box 608
Anna Maria Island, FL

Re: **Key Royale Dredging**
ZNS File No. 00-19133

Dear Mr. Charnock

As a follow-up to our meeting, I have discussed the above referenced project with Mr. Bob Brantley of the Department of Environmental Protection (DEP). Based on that conversation, I have clarified the following issues:

- 1) The Tallahassee office (i.e. Mr. Brantley) will only become involved if you intend to use the dredged materials on the Gulf Beaches for renourishment. If the material is utilized for renourishment at the City Pier, the Tampa DEP office will process the application.
- 2) If the material is to be used for renourishment, we should pursue a Joint Coastal Permit (JCP). This combines an ERP with a Beach Renourishment Permit. This is not an exempt activity. If we wish to dredge only and then supply the material to an already approved beach renourishment project, we would only need the ERP. Based upon previous conversations with Ms. Rose Poyner, clamshell dredging is exempt from the ERP although we still need a permit from the USACOE.
- 3) If the dredged material is re-used in a public area, no severance fee is typically charged regardless of dredging method.
- 4) Soil testing is necessary for re-use on beaches but we can scale back the level of detail. I am requesting a revised proposal from Ardaman & Associates.
- 5) Topographic surveying of the City Pier area is only necessary to provide character of the beach. Surveying of Gulf Beaches would not be necessary since the USACOE has an on-going monitoring program of the area. We should be able to obtain information from them. I am attempting to discuss the City Pier alternative with Tampa DEP officials to verify their position on beach renourishment at the City Pier.

Mr Phil Charnock
Key Royale Dredging
July 8, 1997
Page 2

The estimated additional professional fees for modifying plans to conduct hydraulic dredging and beach renourishment at the City Pier is \$7,300 00 (not including soil study). These costs include additional topographic surveying (three cross-sections), seagrass bed surveying, revised plans and coordination with the agencies. On-site supervision of construction is not included.

Please let me know how you wish to proceed. If you decide to pursue the hydraulic dredging/beach renourishment, please provide the appropriate purchase order for professional services. If you have any questions, please do not hesitate to contact me.

Sincerely,


ZOLLER, NAJJAR & SHROYER, INC.



Robert C Gause, RLA
Assistant Vice President

RCG/lp

cc Mr Joe Duennes
Mr Len Najjar



Zoller,
Najjar &
Shroyer, Inc.

COPIES TO:
1 copy distribution
for seagrass bed plan, etc.

DATE 11/4/97
BY lc