



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
701 SAN MARCO BLVD, RM 372
JACKSONVILLE, FLORIDA 32207-8175

January 19, 2016

Regulatory Division
North Permits Branch
Jacksonville Permits Section
SAJ-2003-10787(SP-BAL)

Isle of Palms Special District
Attn: Mr. Bradford Radloff, P.G.
14286 Beach Blvd
#19-272
Jacksonville, FL 32250

Dear Mr. Radloff:

The U.S. Army Corps of Engineers (Corps) is pleased to enclose the Department of the Army permit, which should be available at the construction site. Work may begin immediately but the Corps must be notified of:

- a. The date of commencement of the work,
- b. The dates of work suspensions and resumptions of work, if suspended over a week, and
- c. The date of final completion.

This information should be mailed to the Special Projects and Enforcement Branch of the Regulatory Division of the Jacksonville District at P.O. Box 4970, Jacksonville, FL 32232 (Attn: Ms. Dianne Griffin). The Special Projects and Enforcement Branch is also responsible for inspections to determine whether Permittees have strictly adhered to permit conditions.

IT IS NOT LAWFUL TO DEVIATE FROM
THE APPROVED PLANS ENCLOSED.

Sincerely,


Donald W. Kinard
Chief, Regulatory Division

Enclosure

DEPARTMENT OF THE ARMY PERMIT

Permittee: Isle of Palms Special District
Attn: Mr. Bradford Radloff, P.G.
14286 Beach Blvd
#19-272
Jacksonville, FL 32250

Permit No: SAJ-2003-10787(SP-BAL)

Issuing Office: U.S. Army Engineer District, Jacksonville

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: The Permittee is authorized to maintenance dredge approximately 34,500 cubic yards of dredged material from the northern canal system and approximately 45,000 cubic yards of dredged material from the southern canal system. The canal systems will be dredged to a depth of -5.0 feet mean low water. Either a hydraulic cutter-suction dredge, excavator or a clamshell dredge will be used to conduct the work. The dredged material will be placed in an authorized upland confined disposal facility. The work described above is to be completed in accordance with the 5 pages of drawings affixed at the end of this permit instrument.

Project Location: The project would affect navigable waters of the United States associated with Pablo Creek (Intracoastal Waterway). There are two areas associated with this proposal; a northern and a southern canal system, both located on the west side of Pablo Creek.

The northern canal system is located south of Beach Boulevard in Section 30, Township 3 South, Range 29 East, Jacksonville, Duval County, Florida. The center coordinate is Latitude 30.28248° and Longitude -81.42929°.

The southern canal system is located east of San Pablo Road in Sections 6 and 7, Township 3 South, Range 29 East, Jacksonville, Duval County, Florida. The center coordinate is Latitude 30.26767° and Longitude -81.43351°.

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PERMITTEE: Isle of Palms Special District
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Directions to site: From downtown Jacksonville take Interstate-95 South, take the Butler Blvd exit toward Jacksonville Beaches, take the San Pablo Rd exit and go north, proceed approximately 1.3 miles and the entrance road to the subdivision is on the right.

Permit Conditions

General Conditions:

1. The time limit for completing the work authorized ends on **January 19, 2026**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature and the mailing address of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

PERMIT NUMBER: SAJ-2003-10787(SP-BAL)
PERMITTEE: Isle of Palms Special District
PAGE 3 of 8

1. Reporting Address: The Permittee shall submit all reports, notifications, documentation and correspondence required by the general and special conditions of this permit to the following address:

a. For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232.

b. For electronic mail CESAJ-ComplyDocs@usace.army.mil (not to exceed 10 MB).

The Permittee shall reference this permit number, SAJ-2003-10787(SP-BAL), on all submittals.

2. Commencement & Completion Notification: The Permittee shall provide the Corps a written notification of the date of commencement of work within 10 days from the date of initiating the authorized work and a completion notification no less than 15 days after the completion of the dredging operation.

3. Manatee Conditions: The Permittee shall comply with the "Standard Manatee Conditions for In-Water Work - 2011" attached to the permit.

4. Mooring Fenders or Buoys: The Permittee shall install and maintain mooring fenders or buoys to provide sufficient standoff space of at least four feet (under maximum compression) between vessels and bulkheads, and also between two vessels that are moored together to prevent the crushing of a manatee.

5. Daylight Dredging: The Permittee shall only dredge during daylight hours from sunrise to sunset.

6. Sea Turtle and Smalltooth Sawfish Conditions: The Permittee shall comply with the "Sea Turtle and Smalltooth Sawfish Construction Conditions – March 2006" attached to this permit.

7. Clamshell Dredging Conditions for March 15th through November 15th:

a. **Observers:** The Permittee shall ensure that when in-water work is being performed or vessels are moving, at least one person will be designated as protected marine animal observer. Observers will be equipped with binoculars and polarized sunglasses to assist with observations during daylight operations, and advise personnel to cease operations upon sighting a manatee within 50 feet of any in-water construction. If the dedicated observers determine that detection of manatees during certain weather conditions (i.e. fog, rain, wind, etc.) is not possible, the Permittee will cease operation until weather conditions improve and detection is again possible.

b. Operations: For clamshell operations, the observer shall be stationed in a position to clearly observe the point of entry and exit of the clamshell bucket, as well as the waters surrounding that operation to a radius of 200 feet around the hoist line of the bucket. The dredge operator will gravity-release the clamshell bucket beginning at the water's surface, and only after confirmation that there are no manatees or marine turtles within the 50-foot safety distance identified in the standard conditions. In order to better observe manatees and marine turtles during nighttime clamshell operations, the Permittee shall install lighting, shielding and/or otherwise directed, which illuminates only the water surface within 200-foot radius of the clamshell bucket hoist line. Such lighting shall be installed to not represent a hazard to navigation, or violation of any other operational safety requirement.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

(x) Section 10 of the Rivers and Harbors Act of 1899
(33 U.S.C. 403).

() Section 404 of the Clean Water Act (33 U.S.C. 1344).

() Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal projects.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
- b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
- c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
- d. Design or construction deficiencies associated with the permitted work.
- e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision: This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

- a. You fail to comply with the terms and conditions of this permit.
- b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 4 above).
- c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions: General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a

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PERMITTEE: Isle of Palms Special District
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prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.




(PERMITTEE)

1/13/10
(DATE)


Kenneth B. Wright, Chairman Isle of Palms
(PERMITTEE NAME-PRINTED) Special District

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.



(DISTRICT ENGINEER)

20 January 2010
(DATE)

 Jason A. Kirk, P.E.
Colonel, U.S. Army
District Commander

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PERMITTEE: Isle of Palms Special District
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When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEREE-SIGNATURE)

(DATE)

(NAME-PRINTED)

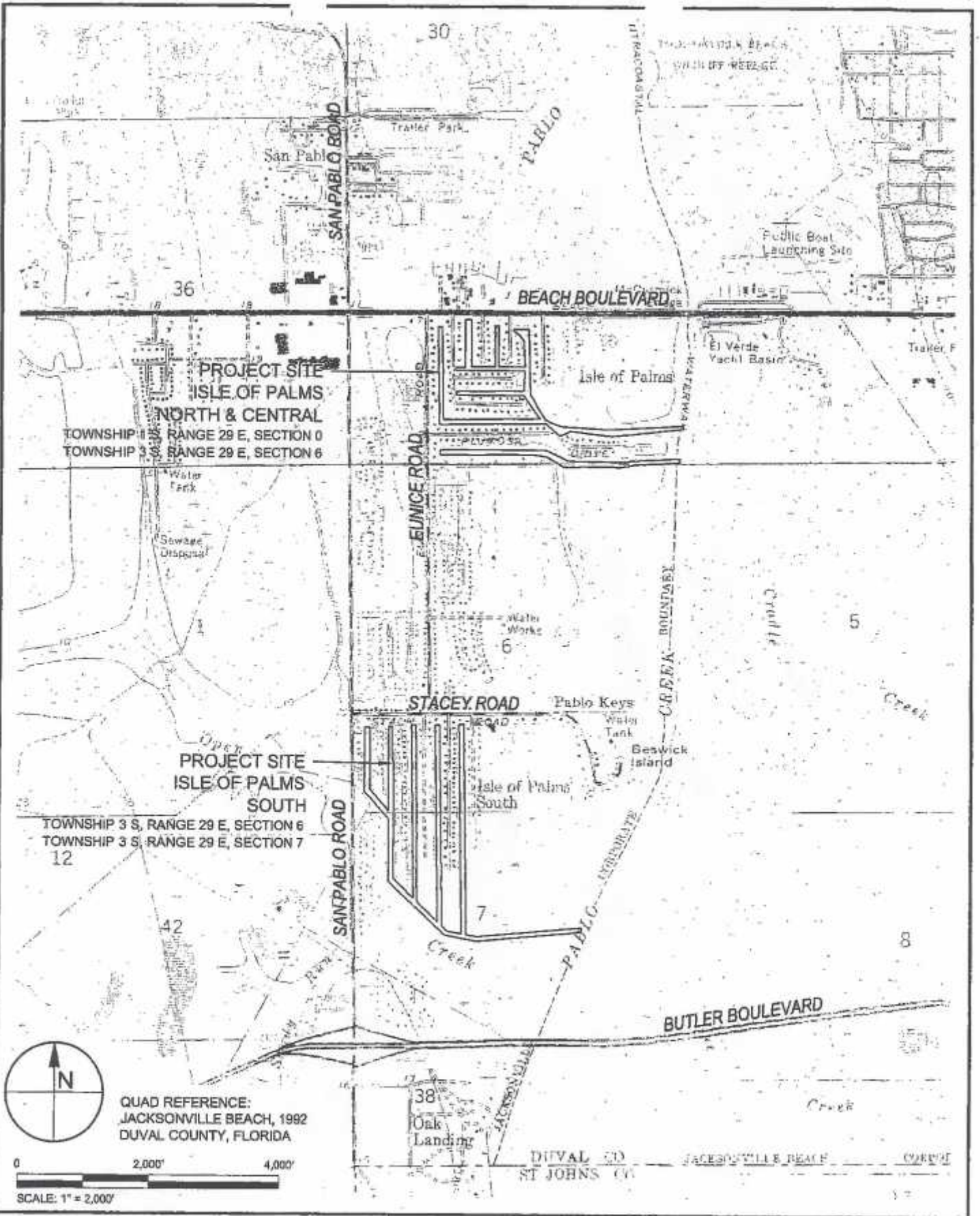
(ADDRESS)

(CITY, STATE, AND ZIP CODE)

PERMIT NUMBER: SAJ-2003-10787(SP-BAL)
PERMITTEE: Isle of Palms Special District
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***Attachments to Department of the Army
Permit Number SAJ-2003-10787(SP-BAL)***

1. PERMIT DRAWINGS: 5 pages, dated October 20, 2015
2. MANATEE CONDITIONS: 2 pages, *Standard Manatee Conditions for In-Water Work – 2011*
3. SEA TURTLE – SAWFISH CONDITIONS: 1 page, *Sea Turtle and Smalltooth Sawfish Construction Conditions, revised March 23, 2006*



DATE: 11/27/15 11:27:29 AM
 PROJECT: SAJ-2003-10787-SP-BAL ISLE OF PALMS ENGINEERING PART 2014-009-01 P.04/06/000.DWG



QUAD REFERENCE:
 JACKSONVILLE BEACH, 1992
 DUVAL COUNTY, FLORIDA





TAYLOR ENGINEERING INC.
 10151 DEERWOOD PARK BLVD.
 BLDG. 300, SUITE 300
 JACKSONVILLE, FL 32256
 CERTIFICATE OF AUTHORIZATION #4813

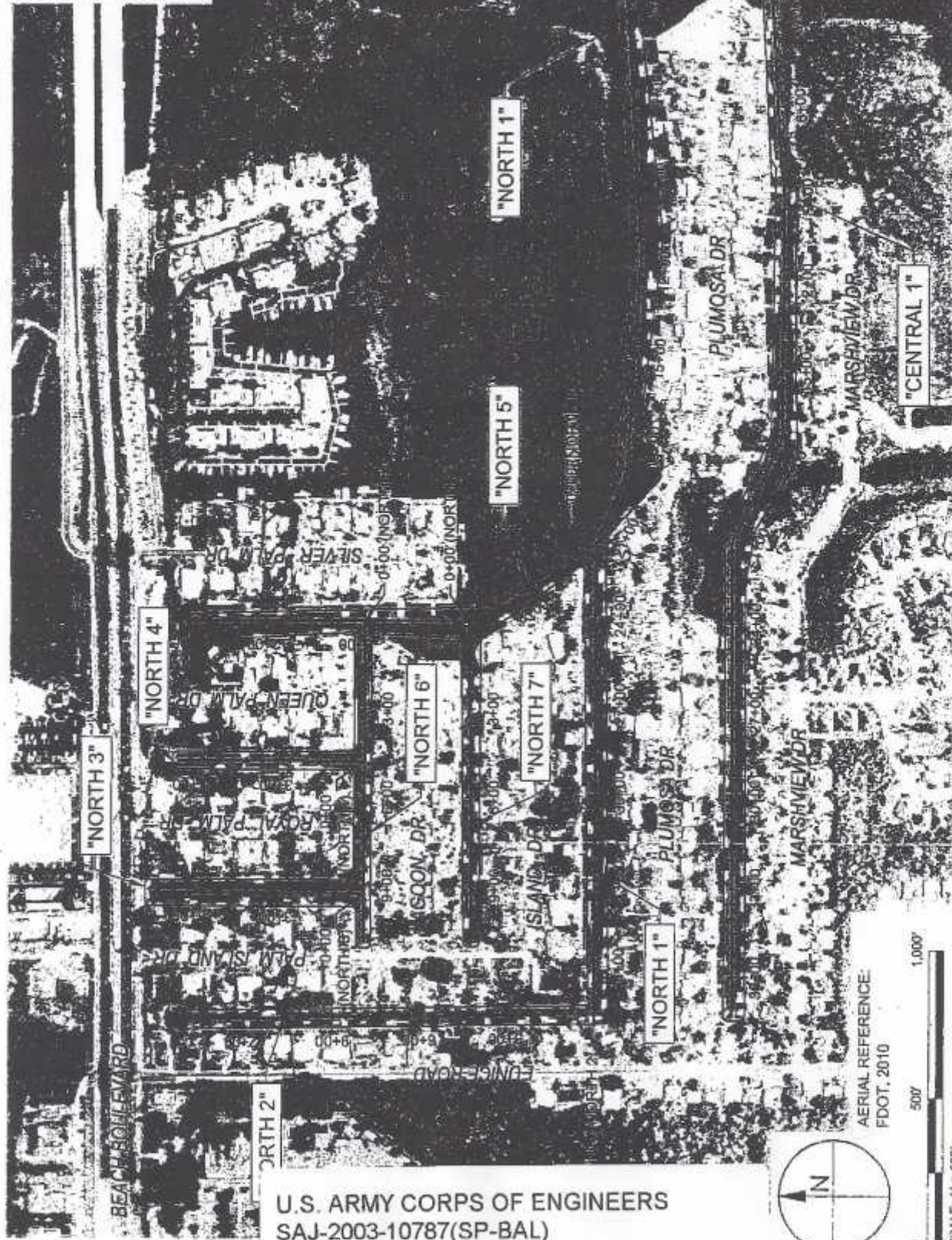
FIGURE 1
 PROJECT OVERLAY
 ISLE OF PALMS SPECIAL
 DUVAL COUNTY

U.S. ARMY CORPS OF ENGINEERS
 SAJ-2003-10787(SP-BAL)
 Isle of Palms

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|---------|--------------|----------|-----|
| PROJECT | C2014-009-01 | DRAWN BY | CAS |
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PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR A

| CHANNEL | LENGTH (FT) |
|-----------|-------------|
| NORTH 1 | 3,750 |
| NORTH 2 | 1,410 |
| NORTH 3 | 730 |
| NORTH 4 | 640 |
| NORTH 5 | 1,460 |
| NORTH 6 | 1,100 |
| NORTH 7 | 1,090 |
| CENTRAL 1 | 3,730 |



U.S. ARMY CORPS OF ENGINEERS
 SAJ-2003-10787(SP-BAL)
 Isle of Palms
 PAGE 2 OF 5 20 October 2015

PROJECT: C2014-0008-01
 DRAWN BY: CAS
 SHEET: 2 of 42
 DATE: APRIL 2014

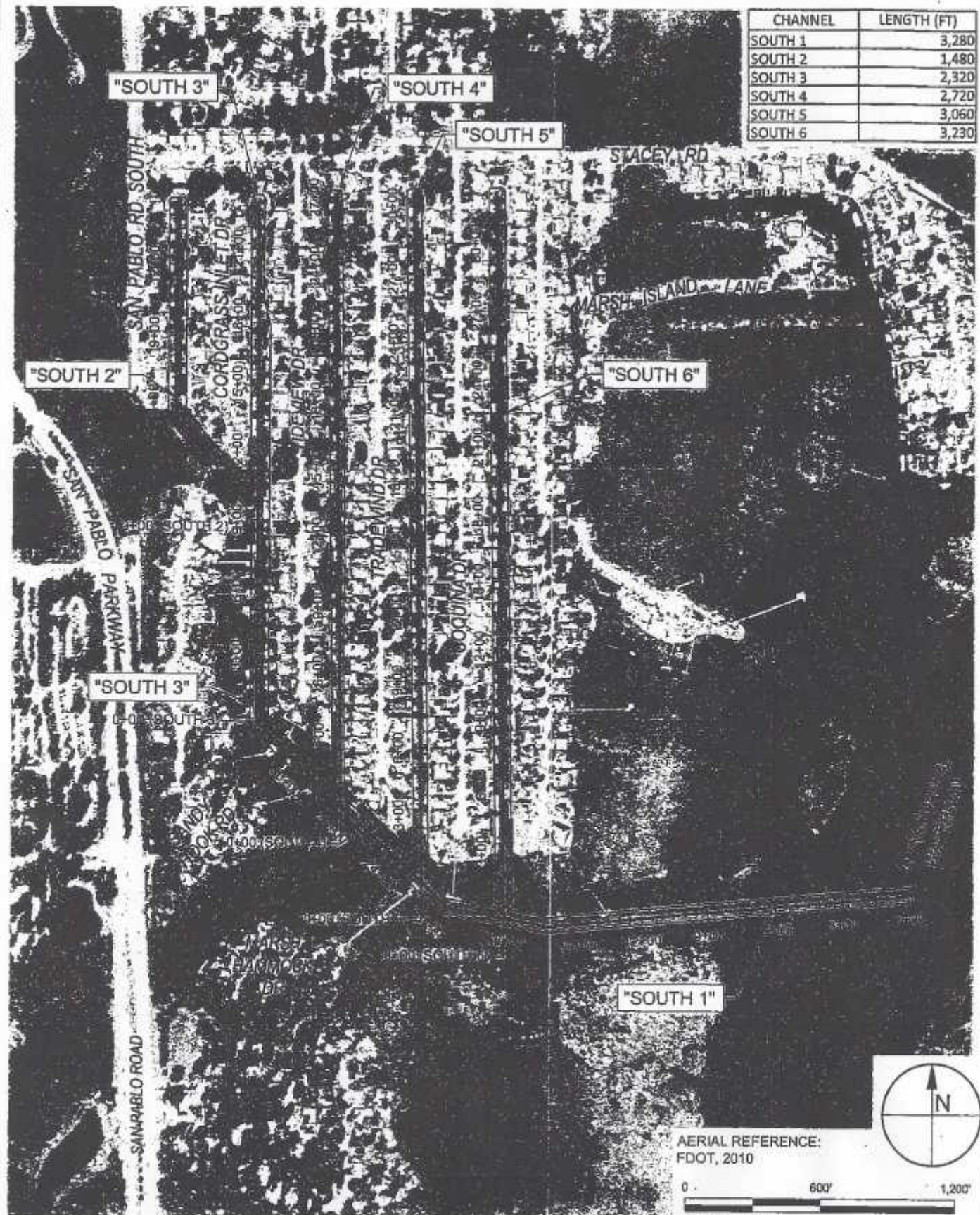
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FIGURE 2
 OVERVIEW PLAN - NORTH & CENTRAL
 ISLE OF PALMS SPECIAL DISTRICT DREDGING
 DUVAL COUNTY, FLORIDA

TAYLOR ENGINEERING INC.
 10151 DEERWOOD PARK BLVD.
 BLDG. 300, SUITE 300
 JACKSONVILLE, FL 32256
 CERTIFICATE OF AUTHORIZATION # 4815

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.

| CHANNEL | LENGTH (FT) |
|---------|-------------|
| SOUTH 1 | 3,280 |
| SOUTH 2 | 1,480 |
| SOUTH 3 | 2,320 |
| SOUTH 4 | 2,720 |
| SOUTH 5 | 3,060 |
| SOUTH 6 | 3,230 |



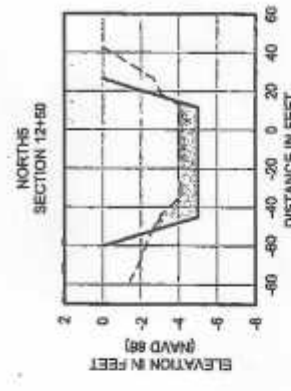
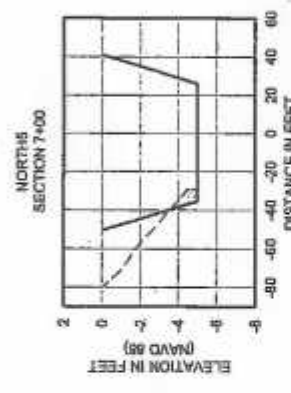
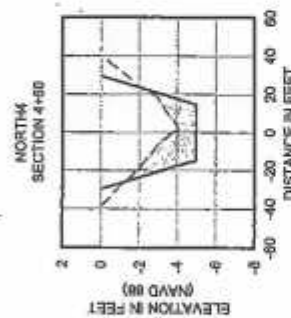
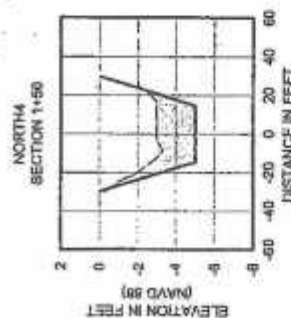
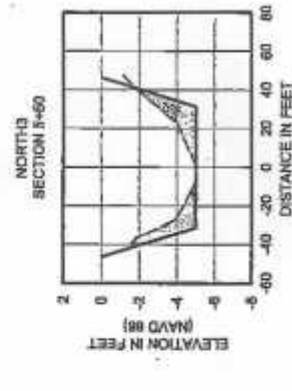
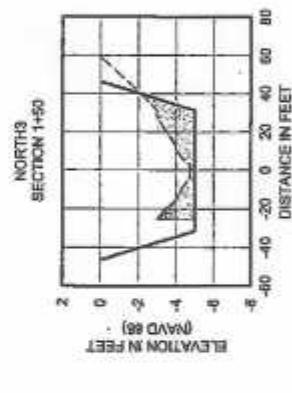
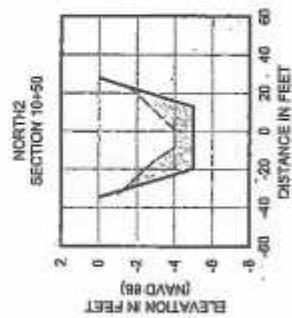
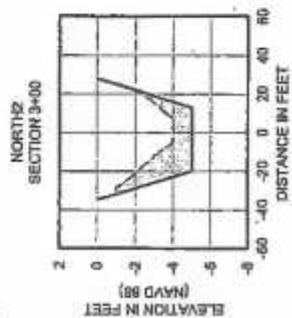
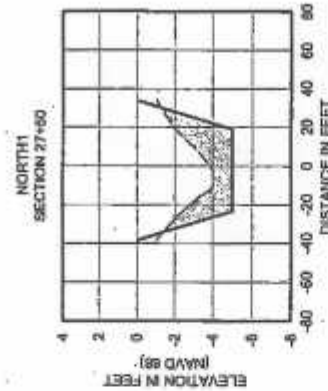
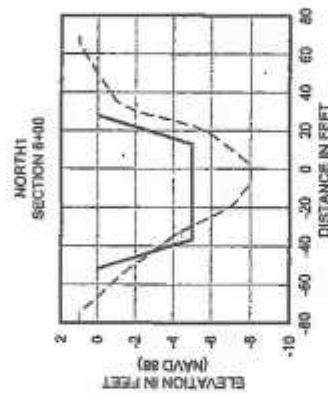
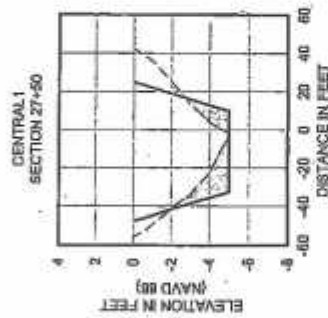
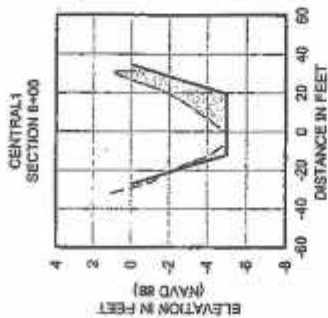
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TAYLOR ENGINEERING INC.
 10151 DEERWOOD PARK BLVD.
 BLDG. 300, SUITE 300
 JACKSONVILLE, FL 32256
 CERTIFICATE OF AUTHORIZATION # 4616

FIGURE 3
 OVERVIEW PLAN
 ISLE OF PALMS SPECIAL E
 DUVAL COUNTY

PROJECT: C2014-009-01 DRAWN BY: CAS

U.S. ARMY CORPS OF ENGINEERS
 SAJ-2003-10787(SP-BAL)
 Isle of Palms
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- - - - - EXISTING GRADE
 - - - - - PROPOSED GRADE
 DREDGED MATERIAL TO BE REMOVED

CROSS-SECTIONS

SCALE: 1" = 100'
V-SCALE: 1" = 10'



TAYLOR ENGINEERING INC.

10151 DEERWOOD PARK BLVD.
 BLDG. 300, SUITE 300
 JACKSONVILLE, FL 32256
 CERTIFICATE OF AUTHORIZATION # 4615

FIGURE 40
 TYPICAL CROSS-SECTIONS - NORTH AND CENTRAL
 ISLE OF PALMS SPECIAL DISTRICT DREDGING
 DUVAL COUNTY, FLORIDA

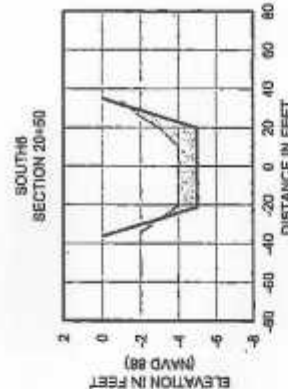
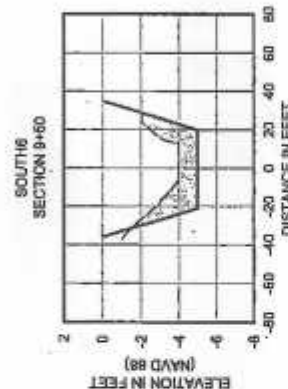
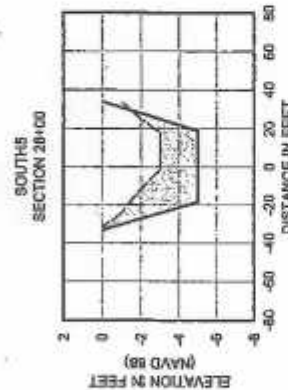
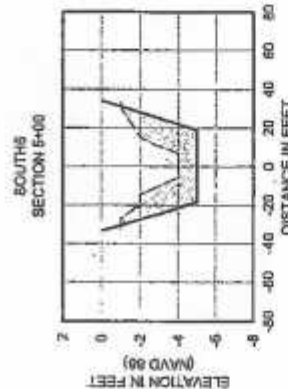
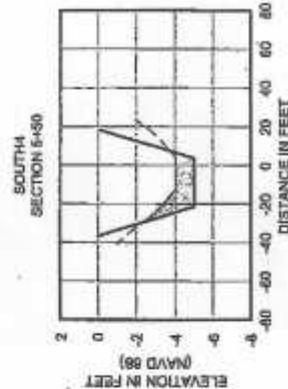
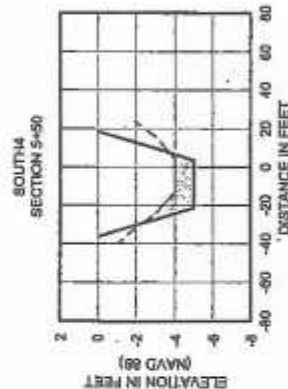
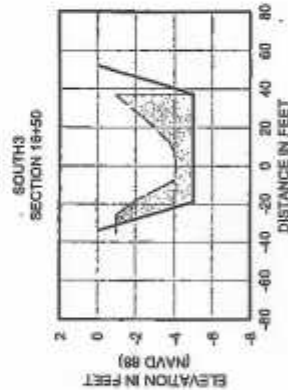
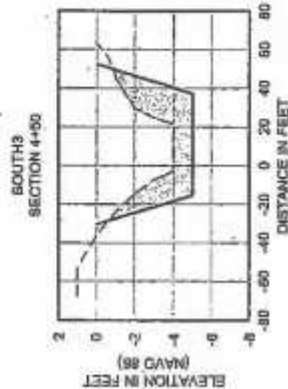
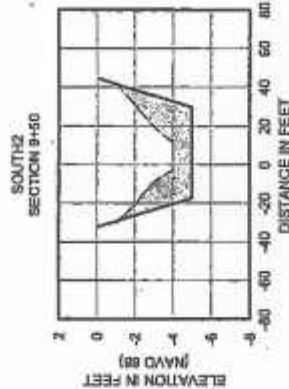
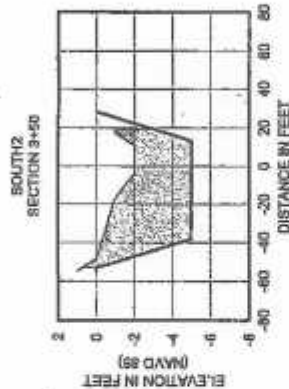
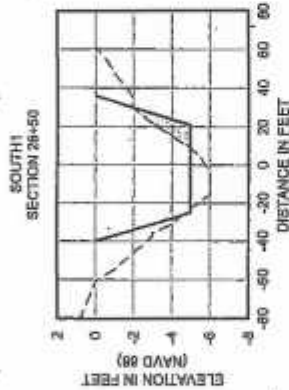
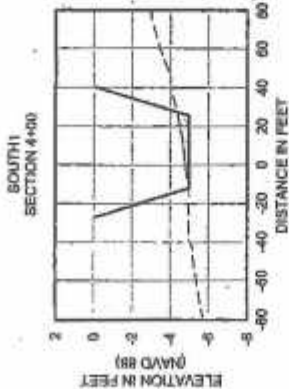
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| PROJECT | C2014-009-01 |
| DRAWN BY | CAS |
| SHEET | 40 of 42 |
| DATE | APRIL 2014 |

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ROBERT J. WOODRUFF, P.E. #2008

DATE

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.



- - - - - EXISTING GRADE
 ——— PROPOSED GRADE
 DREDGED MATERIAL TO BE REMOVED

CROSS-SECTIONS

SCALE: 1" = 100'
 V-SCALE: 1" = 10'




TAYLOR ENGINEERING INC.
 10151 DEERWOOD PARK BLVD.
 BLDG. 300, SUITE 300
 JACKSONVILLE, FL 32256
 CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 42
 TYPICAL CROSS-SECTIONS - SOUTH
 ISLE OF PALMS SPECIAL DISTRICT DREDGING
 DUVAL COUNTY, FLORIDA

| | |
|-------------|--------------|
| PROJECT | C2014-009-01 |
| DESIGNED BY | CAS |
| SHEET | 42 of 42 |
| DATE | APRIL 2014 |

DRAFT

ROBERT J. WILSON, P.E., P. E. DESIGN

DATE

U.S. ARMY CORPS OF ENGINEERS
 SAJ-2003-10787(SP-BAL)

Isle of Palms
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UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Southeast Regional Office
263 13th Avenue South
St. Petersburg, FL 33701

SEA TURTLE AND SMALLTOOTH SAWFISH CONSTRUCTION CONDITIONS

The permittee shall comply with the following protected species construction conditions:

- a. The permittee shall instruct all personnel associated with the project of the potential presence of these species and the need to avoid collisions with sea turtles and smalltooth sawfish. All construction personnel are responsible for observing water-related activities for the presence of these species.
- b. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing sea turtles or smalltooth sawfish, which are protected under the Endangered Species Act of 1973.
- c. Siltation barriers shall be made of material in which a sea turtle or smalltooth sawfish cannot become entangled, be properly secured, and be regularly monitored to avoid protected species entrapment. Barriers may not block sea turtle or smalltooth sawfish entry to or exit from designated critical habitat without prior agreement from the National Marine Fisheries Service's Protected Resources Division, St. Petersburg, Florida.
- d. All vessels associated with the construction project shall operate at "no wake/idle" speeds at all times while in the construction area and while in water depths where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will preferentially follow deep-water routes (e.g., marked channels) whenever possible.
- e. If a sea turtle or smalltooth sawfish is seen within 100 yards of the active daily construction/dredging operation or vessel movement, all appropriate precautions shall be implemented to ensure its protection. These precautions shall include cessation of operation of any moving equipment closer than 50 feet of a sea turtle or smalltooth sawfish. Operation of any mechanical construction equipment shall cease immediately if a sea turtle or smalltooth sawfish is seen within a 50-ft radius of the equipment. Activities may not resume until the protected species has departed the project area of its own volition.
- f. Any collision with and/or injury to a sea turtle or smalltooth sawfish shall be reported immediately to the National Marine Fisheries Service's Protected Resources Division (727-824-5312) and the local authorized sea turtle stranding/rescue organization.
- g. Any special construction conditions, required of your specific project, outside these general conditions, if applicable, will be addressed in the primary consultation.

Revised: March 23, 2006

O:\forms\Sea Turtle and Smalltooth Sawfish Construction Conditions.doc



STANDARD MANATEE CONDITIONS FOR IN-WATER WORK
2011

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
- e. Any collision with or injury to a manatee shall be reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1-888-404-3922. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida, and to FWC at ImperiledSpecies@myFWC.com
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the FWC must be used. One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8 1/2" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. These signs can be viewed at MyFWC.com/manatee. Questions concerning these signs can be sent to the email address listed above.

CAUTION: MANATEE HABITAT

All project vessels

IDLE SPEED / NO WAKE

When a manatee is within 50 feet of work
all in-water activities must

SHUT DOWN

Report any collision with or injury to a manatee:



Wildlife Alert:

1-888-404-FWCC(3922)

cell *FWC or #FWC