

JACKSONVILLE HARBOR MILE POINT

Duval County, Florida

Industry Day Presentation

November 13, 2014



AGENDA

Opening Remarks (10:00 – 10:05)

Technical Presentation (10:05 – 10:35)

Break (10:35 – 10:45)

Discussion/Q&A (10:45 – 11:15)

Closing Remarks (11:15 – 11:25)



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TOPICS OF DISCUSSION

1) Project Overview

Jason Harrah, Project Manager

2) Engineering Aspects

Steve Conger, Lead Engineer

- ▶ West Leg Training Wall
- ▶ Geo-textile Tubes
- ▶ Flow Improvement Channel
- ▶ East Leg Training Wall
- ▶ Existing Training Wall Demolition
- ▶ Sequencing of Work (USCG, etc.)
- ▶ Height Restrictions
(Navy Flight Path)

3) Coast Guard Range Towers

Mike Tomasi, AtoN Officer, USCG

4) Environmental Monitoring

Paul Stodola, Biologist

Mike Hollingsworth, Biologist

5) Procurement Strategy

Tedra Thompson, Contract Specialist

6) Schedule

(Jason Harrah, Project Manager)

7) Small Business Opportunities

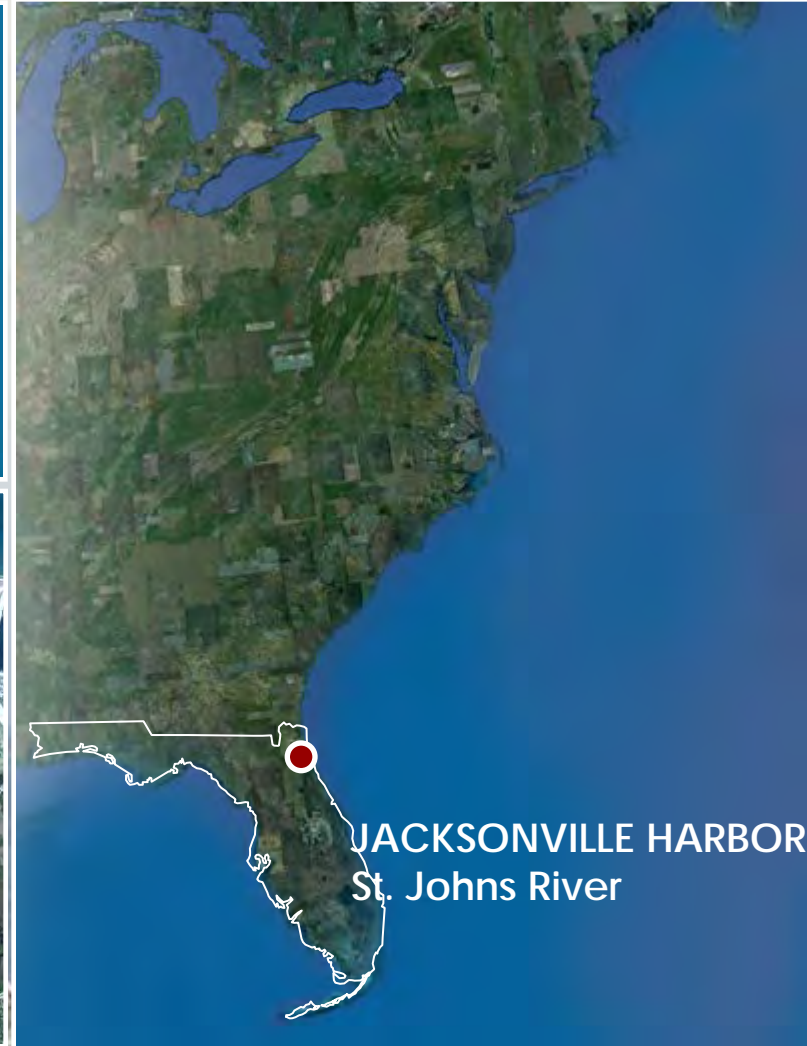
Beth Myers, Small Business Deputy

8) Discussion/Questions



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JACKSONVILLE HARBOR MILE POINT



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MILE POINT PROJECT PURPOSE

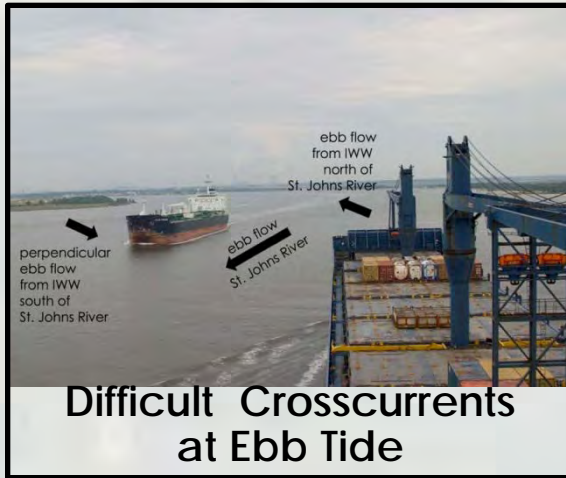
Eliminate or reduce difficult crosscurrents at the confluence of the IWW and the St. Johns River at ebb tide:

- ▶ Navigation Restrictions during the ebb tide on vessels transiting with a draft >33 feet or 34 feet depending upon the vessel type
- ▶ Concerns about how the crosscurrents impact the Mile Point shoreline



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MILE POINT: THE BOTTOM LINE



Authorization: "... in the interest of navigation and related purposes, with particular reference to erosion of the Mile Point shoreline."




ENGINEERING

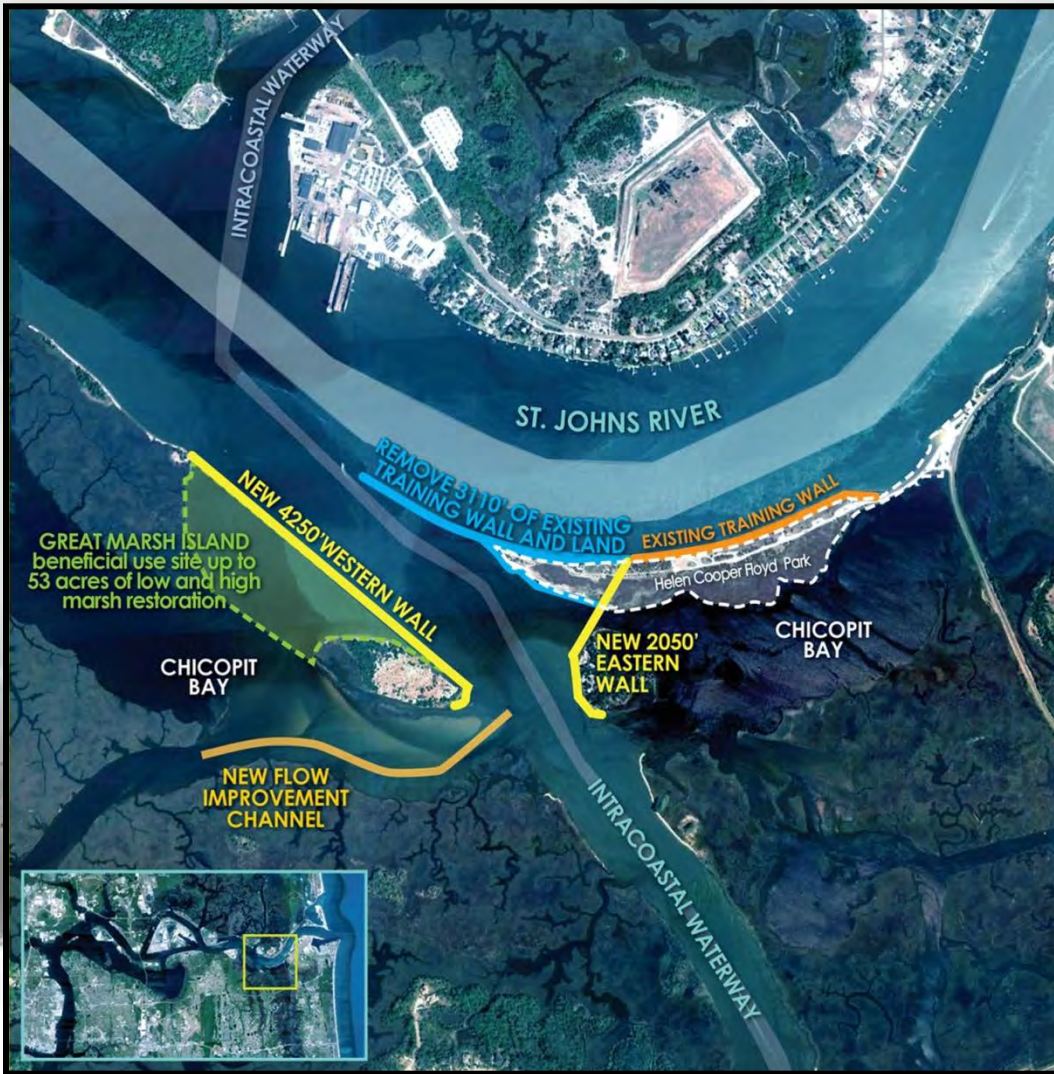
Steve Conger
Lead Engineer



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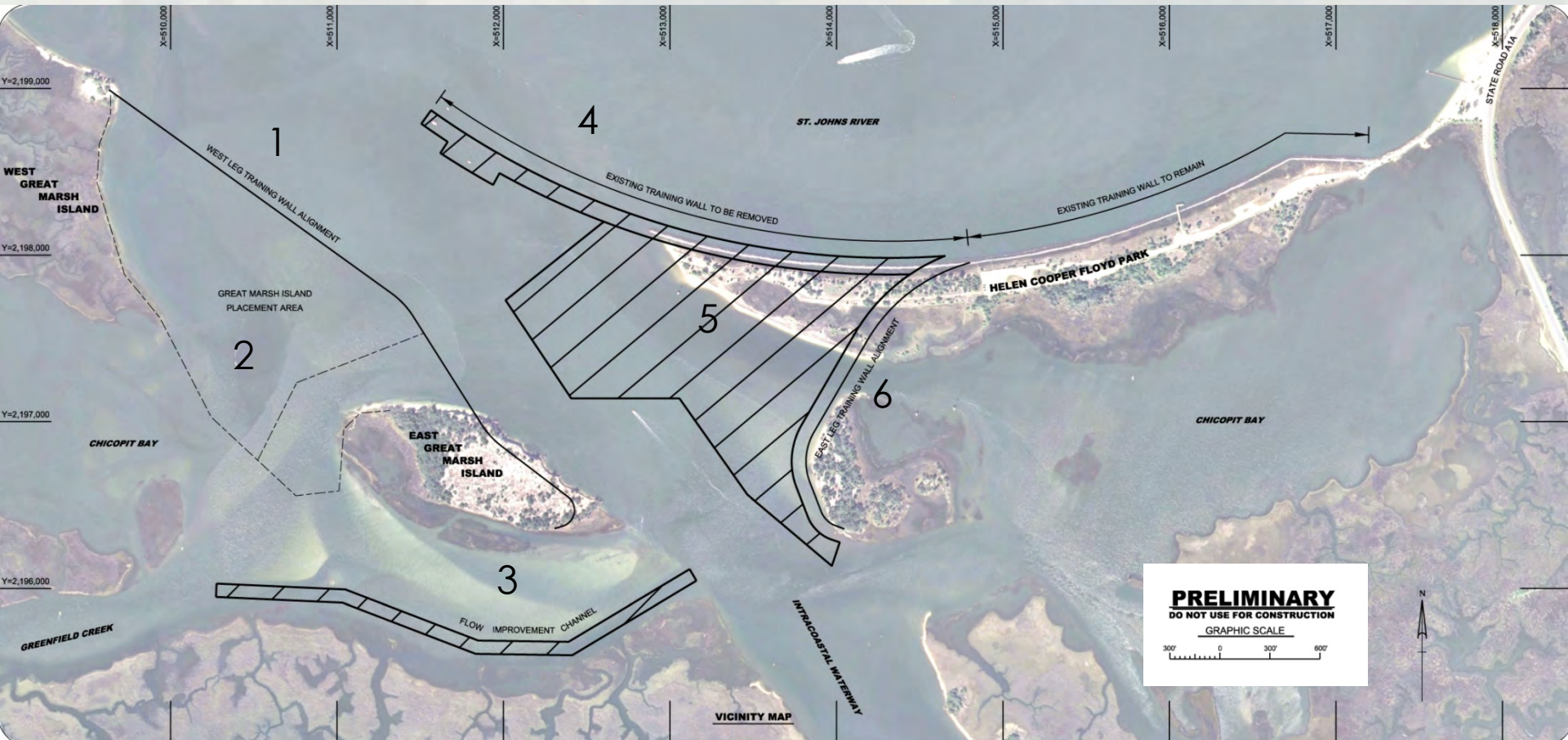
MILE POINT TRAINING WALL RELOCATION/RECONFIGURATION

-  Existing Training Wall (~3000 feet)
-  Training Wall Removal (western ~3110 feet)
-  New Training Wall (western leg ~4250 feet; relocated eastern leg ~2050 feet)
-  Great Marsh Island Restoration (beneficial use of dredged material)
-  Flow Improvement Channel (~80 feet wide, ~6 feet deep, ~3623 feet length)



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PROJECT FEATURES OVERVIEW



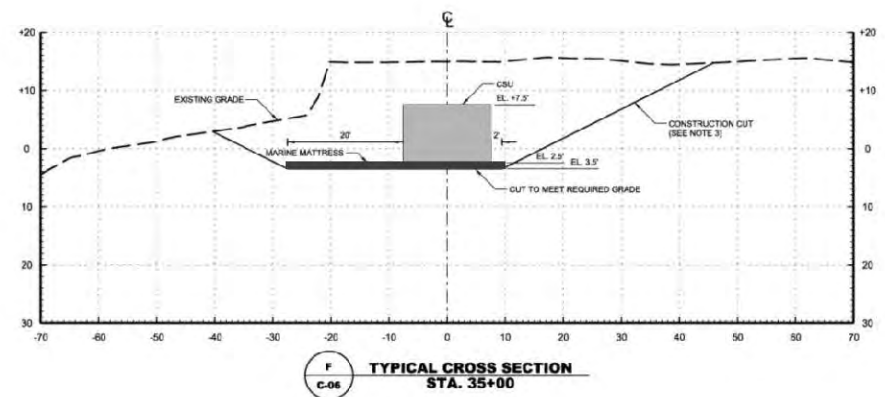
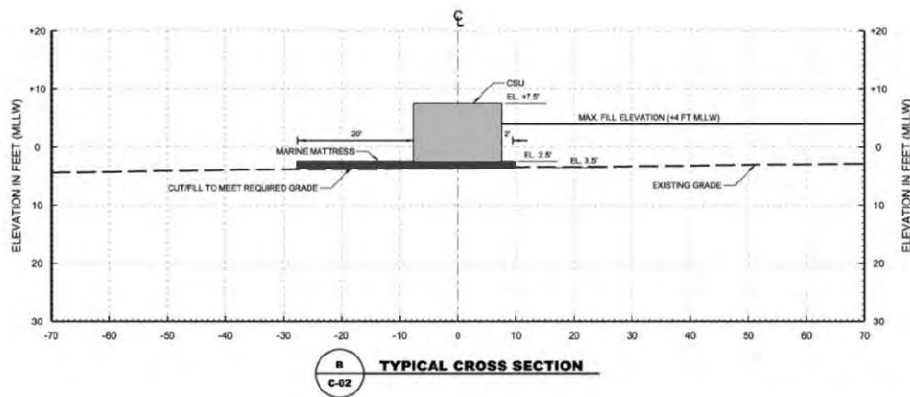
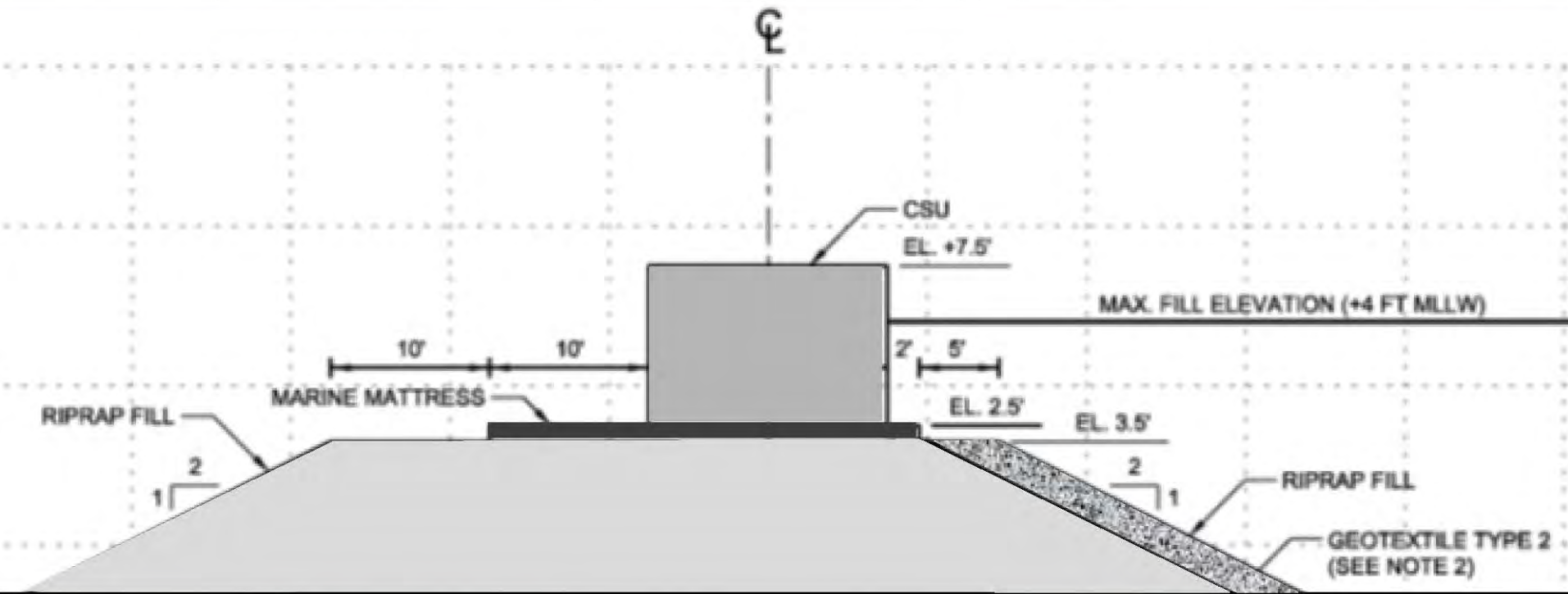
- 1: West Leg Training Wall
- 2: Material Placement Area
- 3: Flow Improvement Channel

- 4: Existing Training Wall Demolition
- 5: Main Dredging Area
- 6: East Leg Training Wall

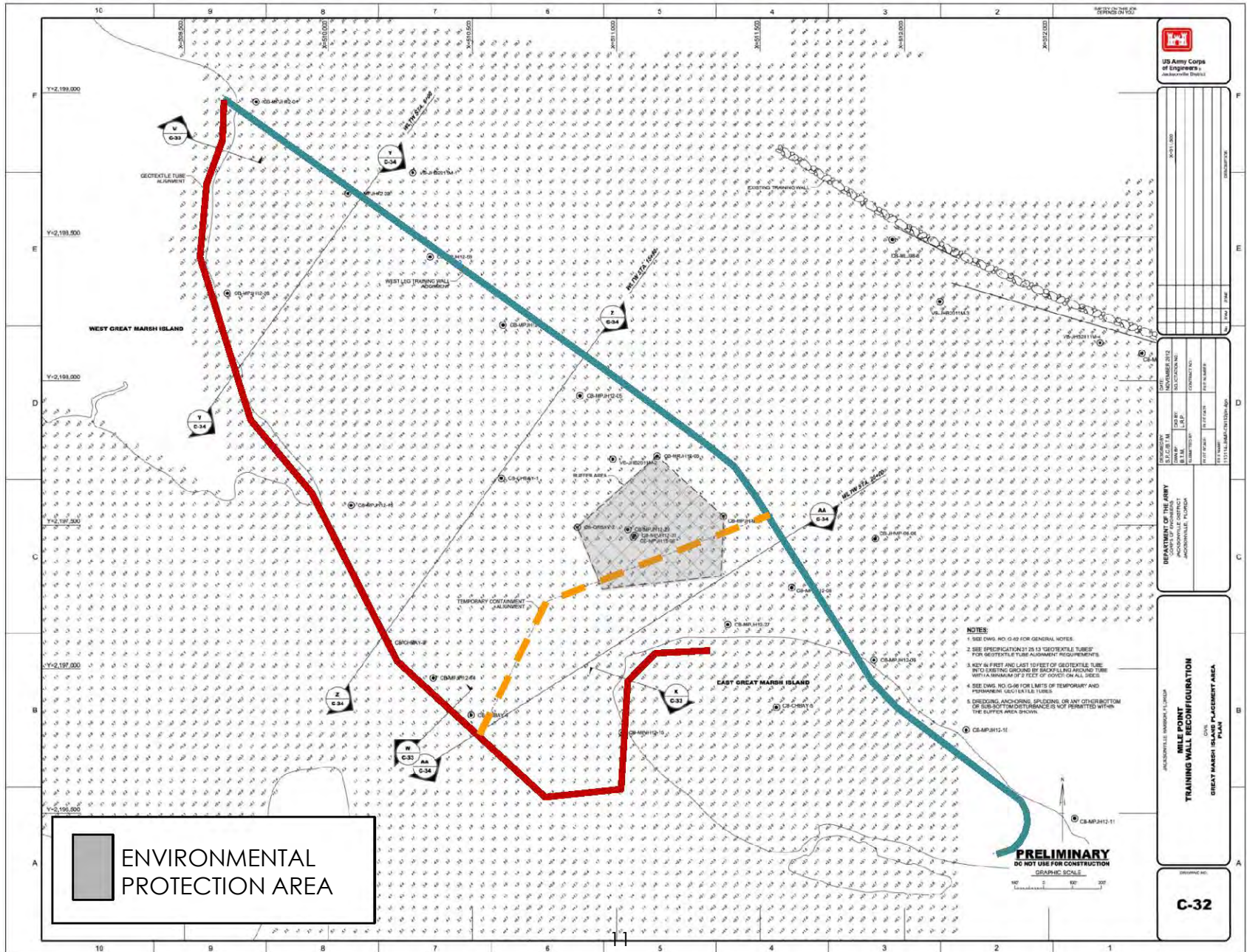


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(1) WEST LEG TRAINING WALL



(2) MATERIAL PLACEMENT AREA



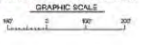
PROJECT NO.	2021-000
DATE	NOVEMBER 2022
SCALE	AS SHOWN
DESIGNER	USACE
CHECKER	USACE
APPROVER	USACE

PROJECT TITLE	DEPARTMENT OF THE ARMY MILE POINT TRAINING WALL RECONFIGURATION
PROJECT NO.	2021-000
DATE	NOVEMBER 2022
SCALE	AS SHOWN
DESIGNER	USACE
CHECKER	USACE
APPROVER	USACE

ENVIRONMENTAL PROTECTION AREA
 GREAT MARSH ISLAND PLACEMENT AREA
 PLAN

- NOTES:**
- SEE DWG. NO. 02-00 FOR GENERAL NOTES.
 - SEE SPECIFICATION 21 IN 13 "GEOTEXTILE TUBES" FOR GEOTEXTILE TUBE ALIGNMENT REQUIREMENTS.
 - KEY IN FIRST AND LAST 10 FEET OF GEOTEXTILE TUBE INTO EXISTING GRASS BY SPICKEILING REINFORCING TIE WITH A MINIMUM OF 2 FEET OF COVER ON ALL SIDES.
 - SEE DWG. NO. 03-00 FOR LIMITS OF TEMPORARY AND PERMANENT GEOTEXTILE TUBES.
 - DREDGING, ANCHORING, SPUDDING OR ANY OTHER BOTTOM OF SUB-BOTTOM DISTURBANCES NOT PERMITTED WITHIN THE SUPPER AREA SHOWN.

PRELIMINARY
DO NOT USE FOR CONSTRUCTION



ENVIRONMENTAL PROTECTION AREA

C-32

MARSH DEVELOPMENT WITH GEOTUBE CONTAINMENT

Typical Covered & Planted Section

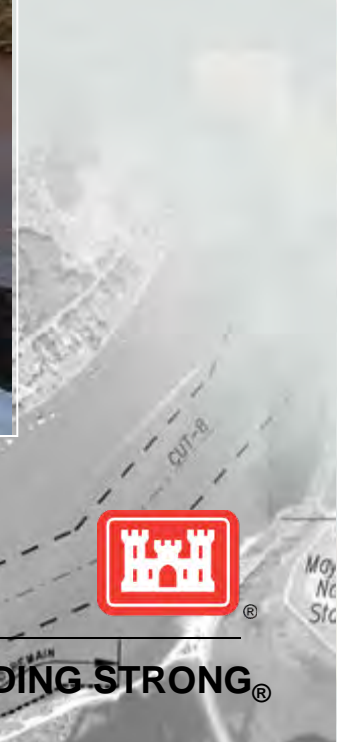


Geotube Filling Operation



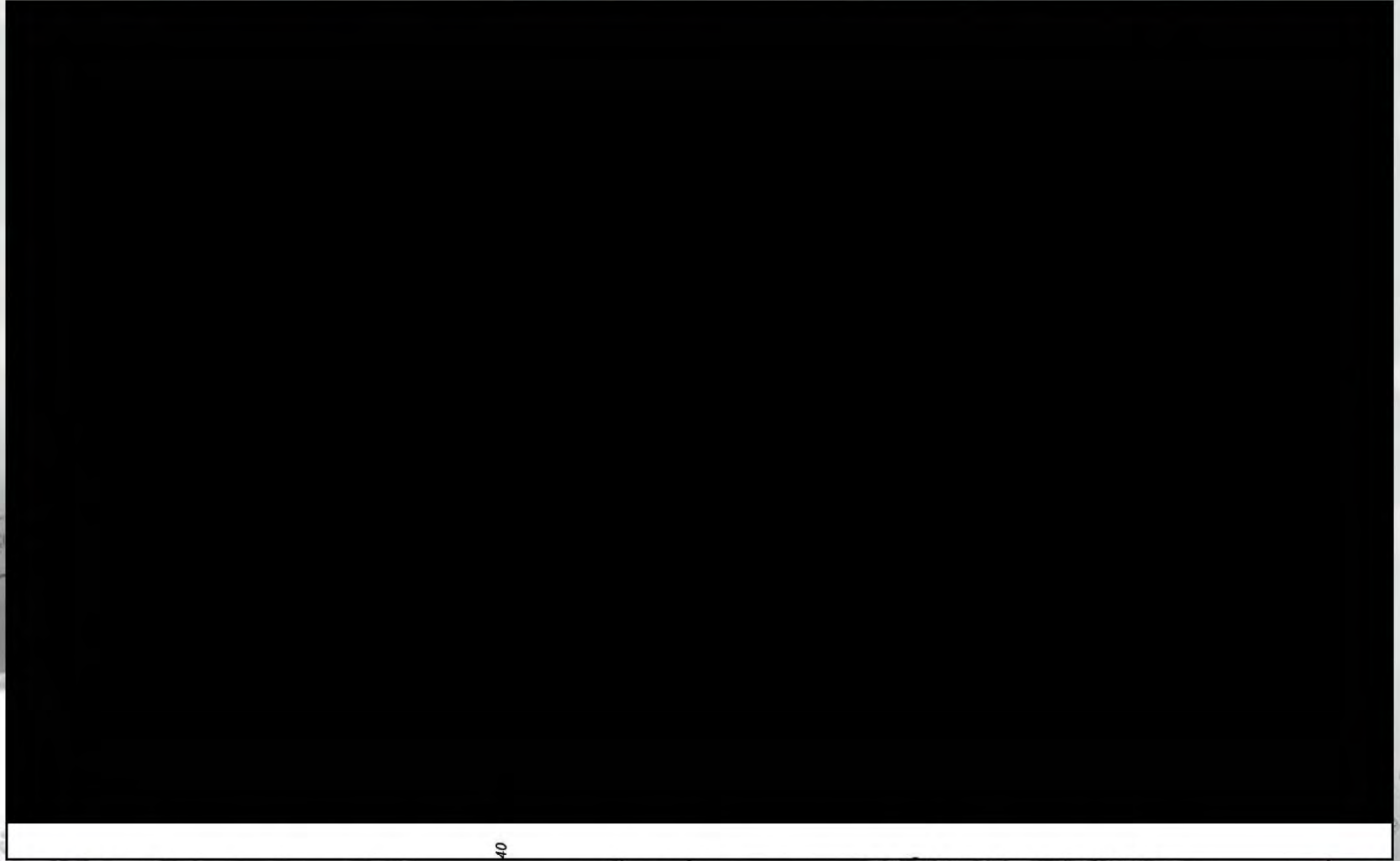
MITIGATION CONTAINMENT ALTERNATIVES

AQUA-DAM WATER CONTAINMENT APPLICATIONS



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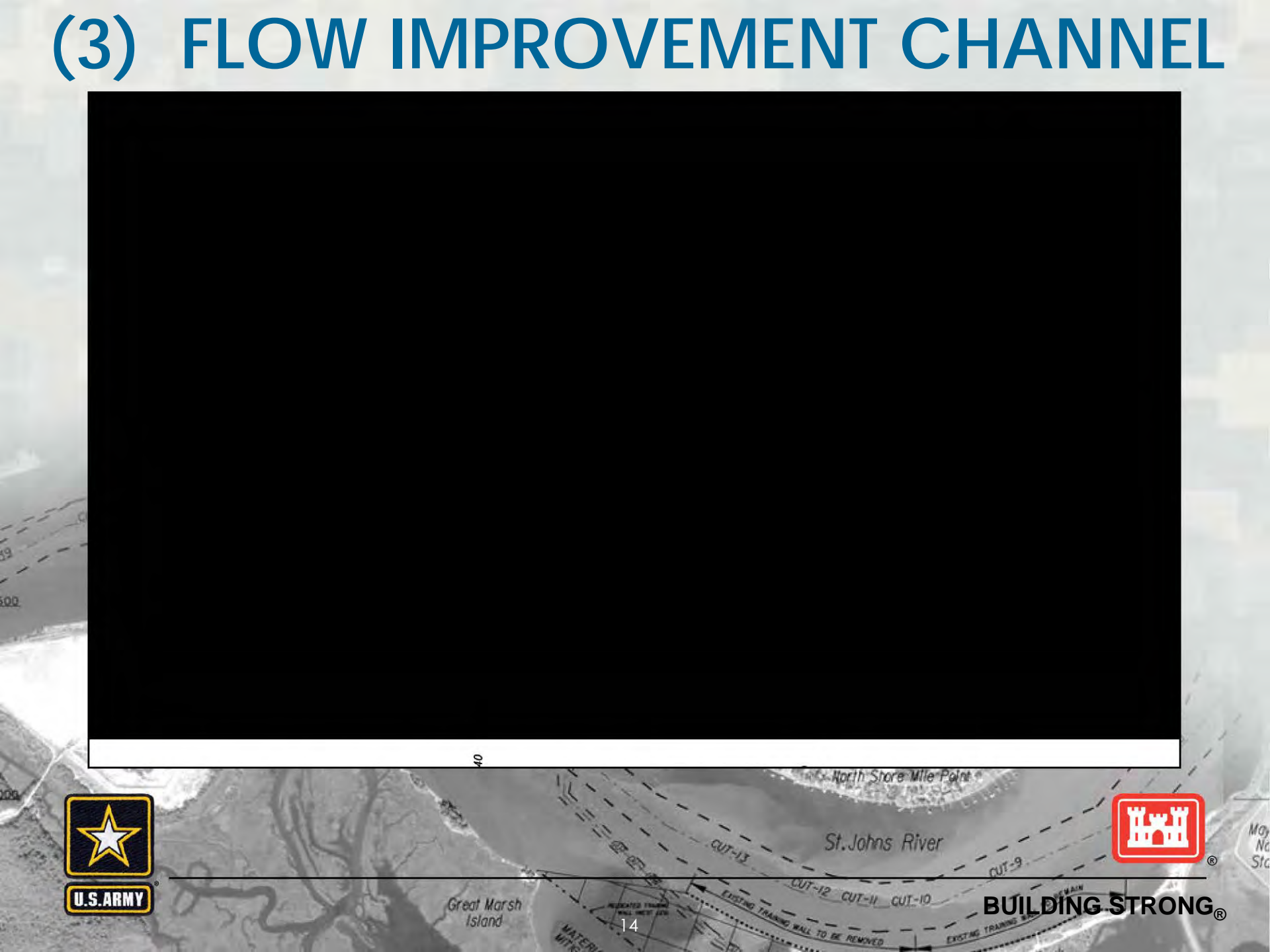
(3) FLOW IMPROVEMENT CHANNEL



40

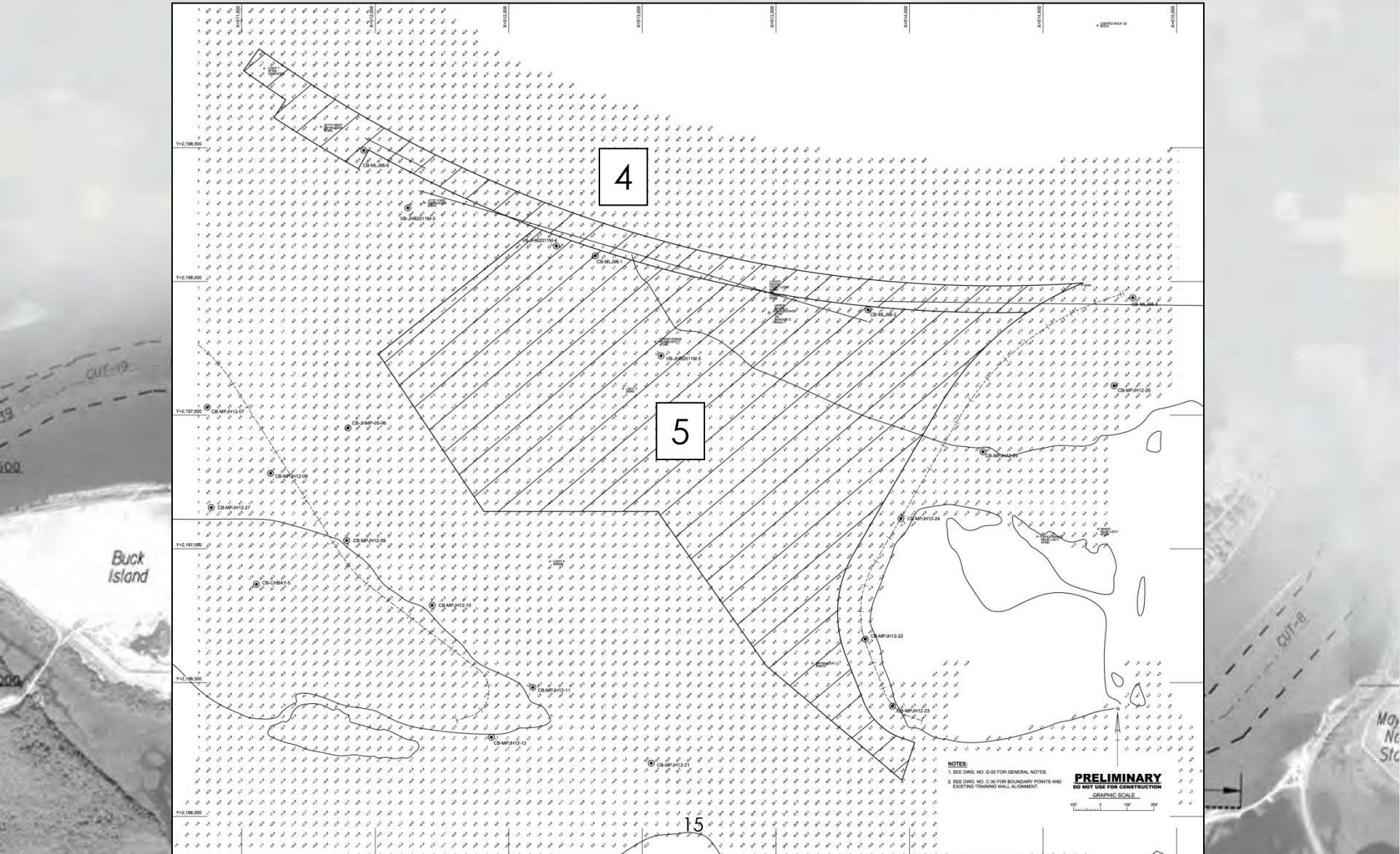


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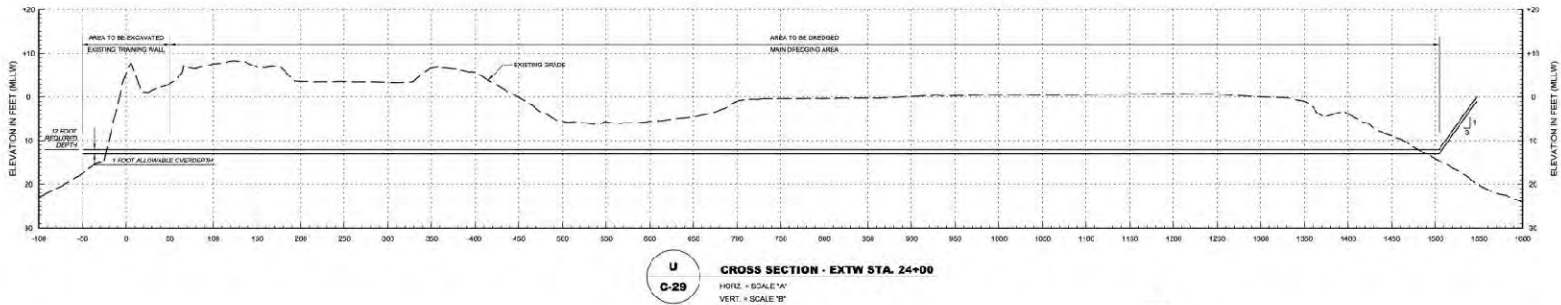
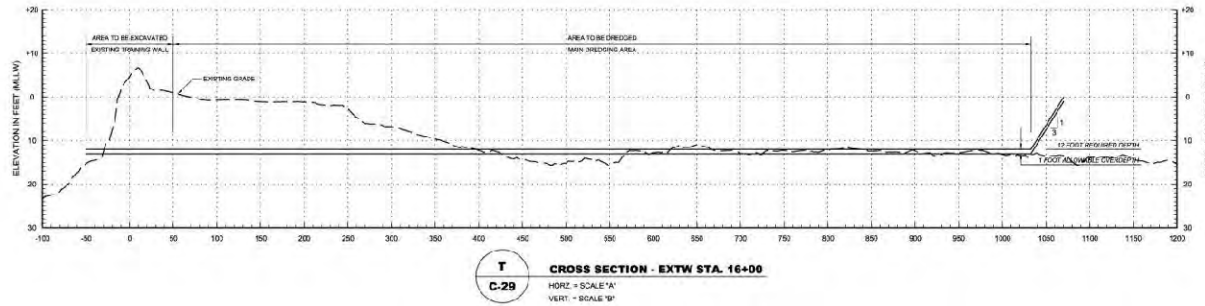
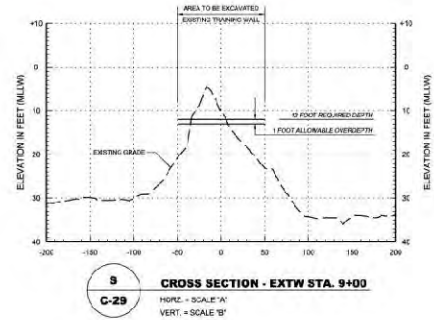
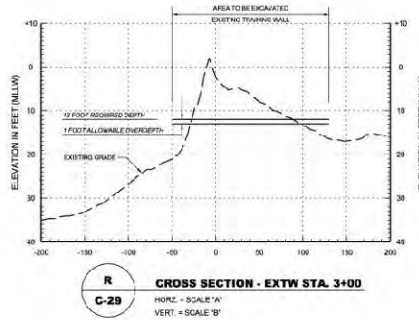
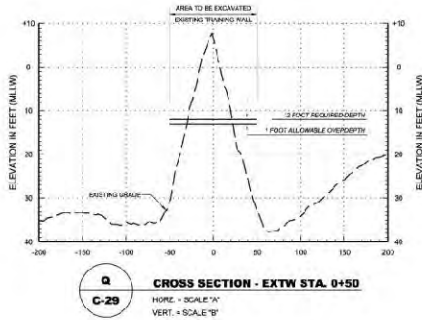
(4) EXISTING WALL DEMOLITION

(5) MAIN DREDGING AREA



(4) EXISTING WALL DEMOLITION

(5) MAIN DREDGING AREA

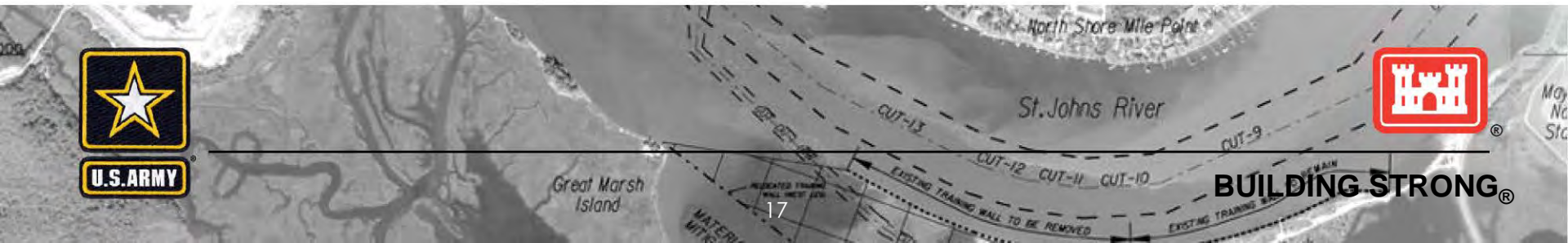


NOTES:

(6) EAST LEG TRAINING WALL



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HEIGHT RESTRICTIONS DISCUSSION



A large container ship with a red and white hull is in the foreground, moving through a body of water. In the background, another container ship with a blue hull and the text 'CMA CGM' is visible. The sky is clear and blue. The foreground shows some rocks and greenery.

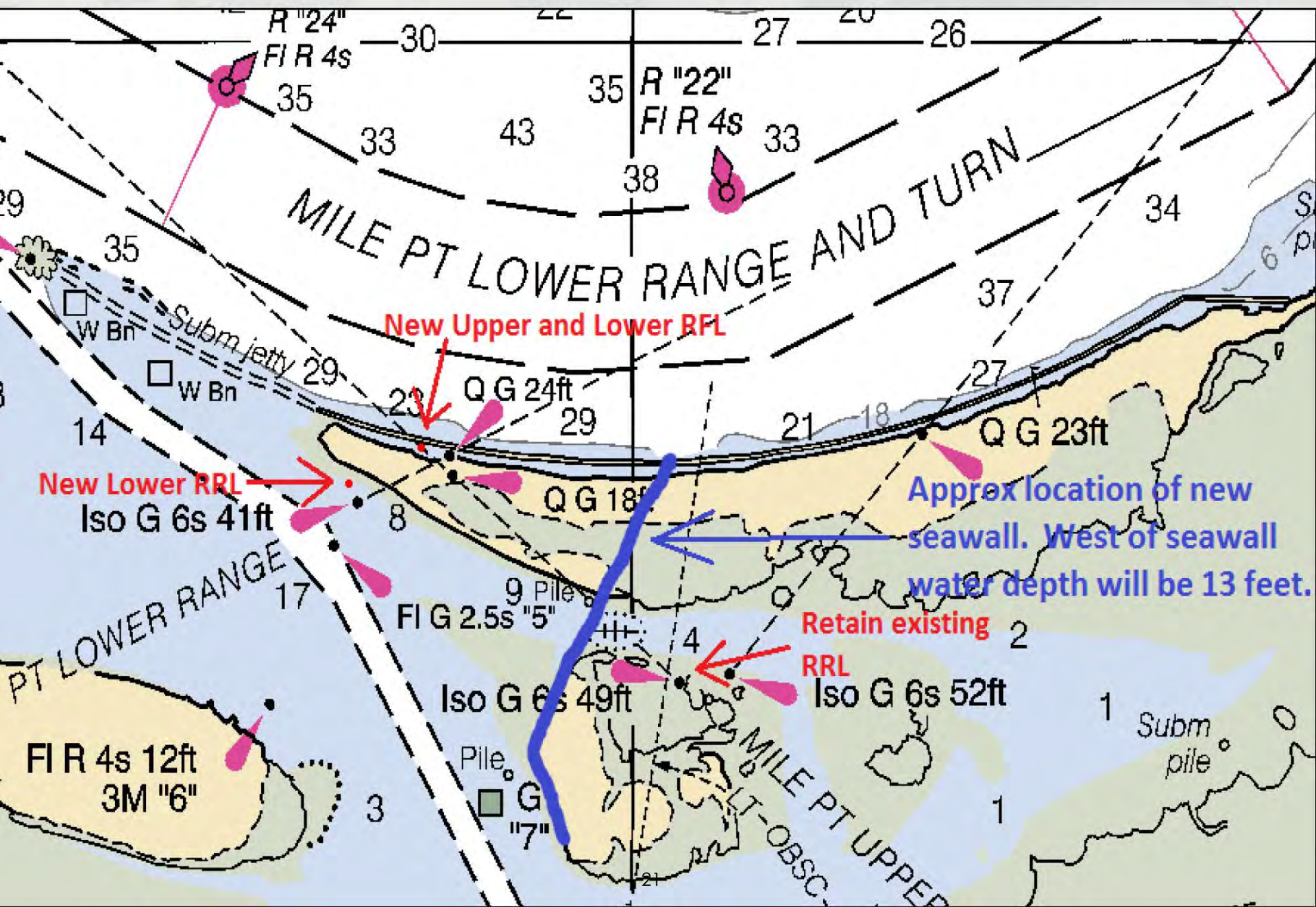
COAST GUARD RANGE TOWERS

Mike Tomasi, AtoN Officer
USCG Sector Jacksonville

CURRENT MILE POINT UPPER AND LOWER RANGE FRONT LIGHT



PROPOSED SITE PLAN FOR MILE POINT RANGES



PROPOSED RANGE DESIGN



ENVIRONMENTAL

Paul Stodola

Senior Biologist (NEPA Lead)

Mike Hollingsworth

Senior Biologist (Permit Lead)



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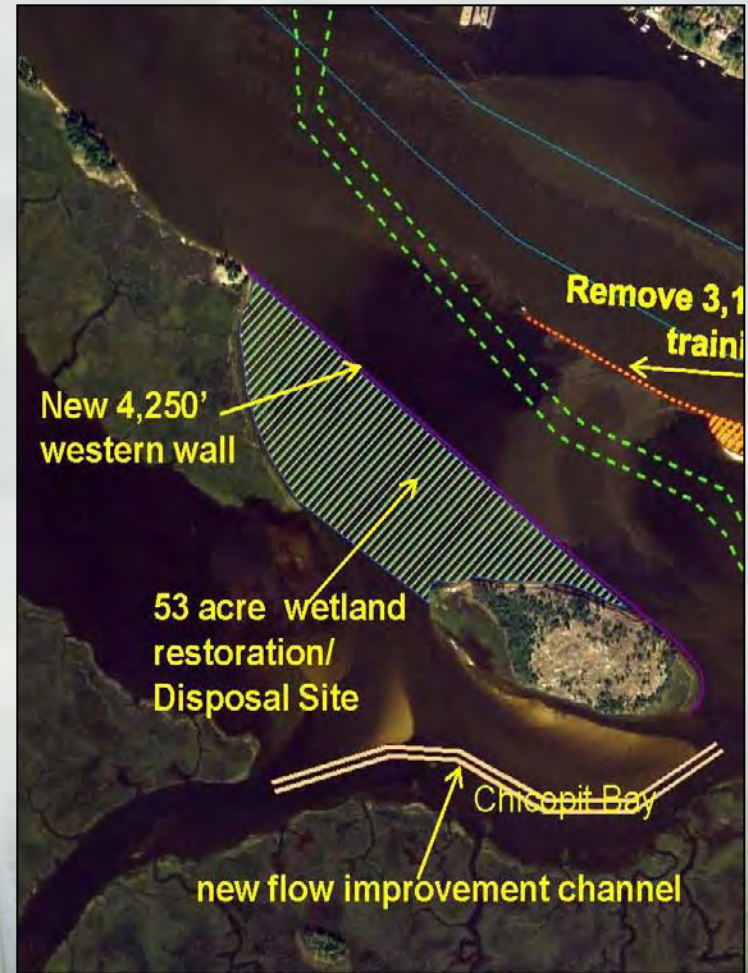
ENVIRONMENTAL COMPLIANCE

EA prepared and coordinated
(Includes mitigation plan)

ESA coordination completed

SHPO coordination completed

Coordination on Section 401
WQC completed



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ENVIRONMENTAL MONITORING

Turbidity

- Standard 29 NTUs over background

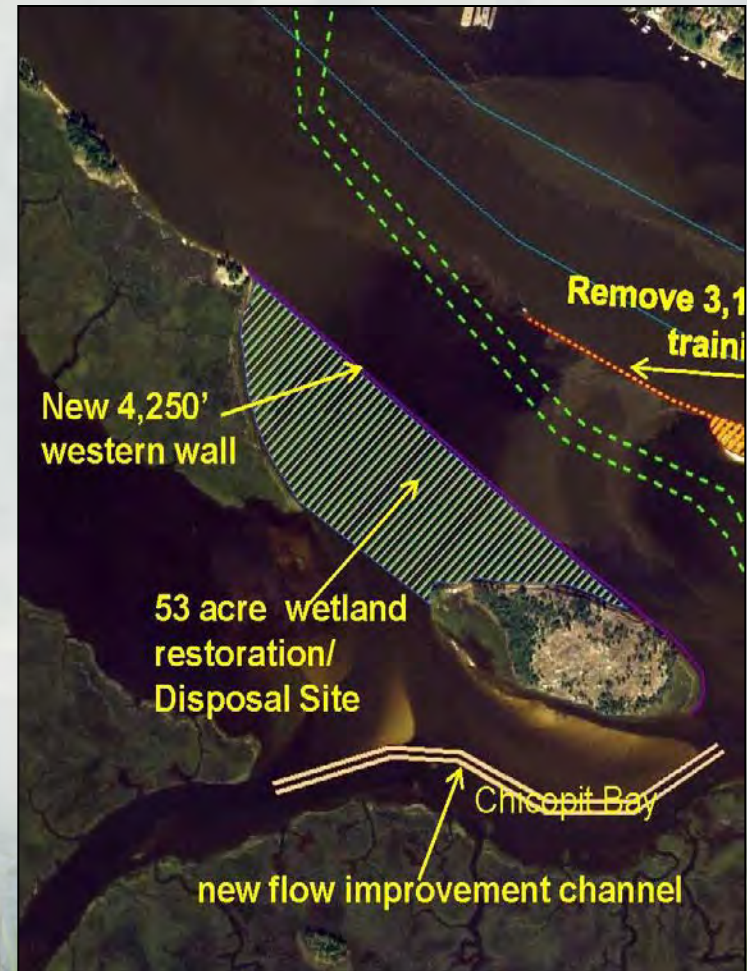
Endangered Species

- Manatees
- Sea Turtles
- Sturgeon

Migratory Birds

WATER QUALITY PERMIT SITE:

<http://www.saj.usace.army.mil/About/Divisions/Offices/Planning/EnvironmentalBranch/EnvironmentalCompliance.aspx#Duval>



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PROCUREMENT STRATEGY

Tedra Thompson, Contract Specialist



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COMPETITIVE ACQUISITION

Best Value Continuum

- Award will be made based on the best overall (i.e., best value) proposal that is deemed most beneficial to the Government, with appropriate consideration given to the evaluation factors
- To receive consideration for award, a rating of no less than "Acceptable" must be achieved for the Technical Merit factor



COMPETITIVE ACQUISITION

Best Value Continuum

- This process permits Tradeoffs among cost/price and non-cost factors and allows the Government to accept other than the lowest priced proposal
- Offerors are cautioned that the award may not necessarily be made to the lowest priced offer
 - ▶ Award could be made to other than lowest priced offeror
 - ▶ Award could be made to other than highest technically rated offeror





PROJECT SCHEDULE

Jason Harrah, Project Manager



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PROJECT SCHEDULE

- Key Dates (tentative dates)
 - ▶ Dec 2014: Synopsis/Advertisement (subject to approval of key waivers by USACE)
 - ▶ Feb 2015: Award (subject to approval of key waivers by USACE)
- Construction Duration: 18 months
- Cost Magnitude: \$25M-\$50M





SMALL BUSINESS OPPORTUNITIES

Beth Myers, Deputy Small Business



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SMALL BUSINESS OPPORTUNITIES

FAR 19.201 – Government policy

(a) It is the policy of the Government to provide maximum practicable opportunities in its acquisitions to small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns. Such concerns must also have the maximum practicable opportunity to participate as subcontractors in the contracts awarded by any executive agency, consistent with efficient contract performance.

- Small Business Participation
- Subcontracting Plan (Large Business concerns only)

FAR 19.701 “Subcontract”

Any agreement (other than one involving an employer-employee relationship) entered into by a Government prime contractor or subcontractor calling for supplies and/or services required for performance of the contract/or subcontract.



WHAT ACTIONS SHOULD OTHER THAN SMALL BUSINESS CONTRACTORS TAKE TO ENHANCE MAXIMUM PRACTICABLE OPPORTUNITY (MPO)?

Efforts to provide the maximum practicable subcontracting opportunities for small business concerns may include, as appropriate for the procurement, one or more of the following actions:

- Breaking out contract work requirements into economically feasible units, as appropriate, to facilitate small business participation
- Conducting market research to identify small business subcontractors and suppliers through all reasonable means, such as performing on-line searches on the Central Contractor Registration, posting Notices of Sources Sought and/or Requests for Proposal on SBA's SUB-Net, participating in business Matchmaking events, and attending pre-bid conferences
- Soliciting small business concerns as early in the acquisition process as practicable to allow them sufficient time to submit a timely offer for the subcontract
- Providing interested small businesses with adequate and timely information about the plans, specifications, and requirements for performance of the prime contract to assist them in submitting a timely offer for the subcontract



WHAT ACTIONS SHOULD OTHER THAN SMALL BUSINESS CONTRACTORS TAKE TO ENHANCE MAXIMUM PRACTICABLE OPPORTUNITY (MPO)?

Efforts to provide the maximum practicable subcontracting opportunities for small business concerns may include, as appropriate for the procurement, one or more of the following actions:

- Negotiating in good faith with interested small businesses
- Directing small businesses that need additional assistance to SBA
- Assisting interested small businesses in obtaining bonding, lines of credit, required insurance, necessary equipment, supplies, materials, or services
- Utilizing the available services of small business associations; local, state, and Federal small business assistance offices; and other organizations, and
- Participating in the formal mentor-protégé program with one or more small business protégés that results in developmental assistance to the protégé(s)



WHAT ACTIONS SHOULD OTHER THAN SMALL BUSINESS CONTRACTORS TAKE TO ENHANCE MAXIMUM PRACTICABLE OPPORTUNITY (MPO)?

Efforts to provide the maximum practicable subcontracting opportunities for small business concerns may include, as appropriate for the procurement, one or more of the following actions:

▪ Additional actions may include:

- ▶ Advertising subcontracting opportunities in FedBizOpps
- ▶ Encouraging joint ventures
- ▶ Providing technical, management and financial training and counseling
- ▶ Keeping the playing field level, allowing all bidders equal time to respond
- ▶ Providing the same information to all prospective subcontractors at the same time
- ▶ Notifying SB, SDB, WOSB, VOSB, SD/VOSB, and HUBZone SB firms that trade union membership is not a FAR (contract) requirement but that payment of the Davis-Bacon prevailing wage rates is a FAR (contract) requirement, and
- ▶ Providing debriefings to unsuccessful small business offerors



SMALL BUSINESS/SUB-CONTRACTING

Potential Opportunities exist for:

- Various environmental monitoring requirements (turbidity, endangered species, migratory birds, etc.)
- Hydrographic surveying
- Procurement & Delivery (i.e., stone)
- Geo-tubes
- West Leg Training Wall Concrete Structural Units
- Dredging (potential)
- Fuel Delivery



LOOKING FOR OPPORTUNITIES IN ALL THE RIGHT PLACES



System for Award Management

www.sam.gov

Dynamic Small Business Search

http://dsbs.sba.gov/dsbs/search/dsp_dsbs.cfm

- SB firms keep profile current w/bonding, past performance, and capabilities
- LB/prime contractors can use many filters to locate SDB, HUBZone, WOSB, SDVOSB specific firms and their location

FEDBIZOpps

www.fbo.gov

- SB firms register as an interested party for the solicitation



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CONTACT INFORMATION

Beth Myers, Deputy for Small Business
(904) 232-1150

elizabeth.r.myers@usace.army.mil

Florida Procurement Technical Assistance Center

<http://www.fptac.org/contactus.htm>

Jacksonville District WebPages

www.saj.usace.army.mil

How do I contact Small Business?

FY2015 Forecast

Frequently Asked Questions



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WORKING SAFELY ON THE RIVER



Ship traffic is extremely heavy throughout Jacksonville Harbor. Working near the channel takes tremendous coordination with the Bay Pilots and the Port.



Communication among all was critical for the successful completion of the drilling program.



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CLOSING REMARKS

[http://www.saj.usace.army.mil/Missions/
CivilWorks/Navigation/](http://www.saj.usace.army.mil/Missions/CivilWorks/Navigation/)



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