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**Background: Initial Project  
Boynton Beach Blvd to Lake Worth Rd**



- In 2016, the Board approved installation of a bulkhead wall and conveyance of 0' to 20' of E-2W Canal Right-of-Way from LWDD to FTE (RW-19-0119) from Boynton Beach Boulevard to Lake Worth Road
  - Bulkhead wall alleviates existing and future maintenance concerns



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## Background: Current Project WPB Service Plaza to L-5 Canal

- On May 15, 2019, Board gave conceptual approval of the proposed design by FDOT for next phase of Turnpike widening project
- The portion of this project that affects the E-2W Canal begins at the north end of the West Palm Beach Service Plaza (Lake Worth Rd) and extends just south of the L-5 Canal (Okeechobee Blvd)
- Part of the proposed design included constructing a bulkhead wall within the eastern most 20 feet of the LWDD E-2W Canal to provide sufficient room for the road widening
  - Other portions include bringing the canal to design section and installation of rock riprap rubble



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## FDOT Request



- Approval to enter into Memorandum of Agreement to define construction and maintenance responsibilities
- Approval of associated right-of-way conveyances
- Following Board approval, staff to issue Right-of-Way permits upon receipt of final approved plans

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## Memorandum of Agreement



### FDOT obligations:

- Upon execution of MOA and issuance of LWDD permits, FDOT will procure a Construction Engineering and Inspection firm, manage the construction of the project, and provide inspection oversight for the bulkhead wall construction at no expense to LWDD
- Provide access from Turnpike to LWDD's E-2W Canal eastern bank for inspection and any necessary maintenance
- Mow and maintain the 10' wide berm on the E-2W Canal eastern bank where no bulkhead wall is installed
- Provide notice of any canal maintenance issues observed during normal roadway operations
- Responsible for structural maintenance of bulkhead wall and appurtenances abutting E-2W Canal
- Maintenance of the E-2W and E-2E Canals under the Forest Hill Blvd bridge and the L-5 Canal under the Turnpike bridge

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## Memorandum of Agreement



### LWDD obligations:

- Issue all required Right-of-Way permits upon review and approval of the project's final design plans
- Continue to operate and maintain the various canals within the project boundaries during construction while contractor works within the canals pursuant to the approved permitted plans
- Upon completion of project by FDOT, LWDD to quit claim E-2W Canal right for portions containing the bulkhead wall and improvements
- Provide FDOT with access to the E-2W Canal eastern bank for inspection and maintenance of FDOT bulkhead wall and maintenance berm, as well as access to FDOT's stormwater "Pond 101" on the western side of the E-2W Canal just north of the West Palm Beach Service Plaza
- Provide notice of any bulkhead wall maintenance issues observed during normal canal maintenance activities
- Maintenance of E-2W Canal and riprap installed on eastern slope, and L-5 Canal and installed riprap

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## Memorandum of Agreement



- FDOT and LWDD to conduct annual joint review of E-2W Canal to identify any potential maintenance issues; parties agree to work cooperatively to resolve issues identified
- FDOT and LWDD to provide advance notice of any repair activities within right-of-way, excluding routine maintenance

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## Proposed Project Plans



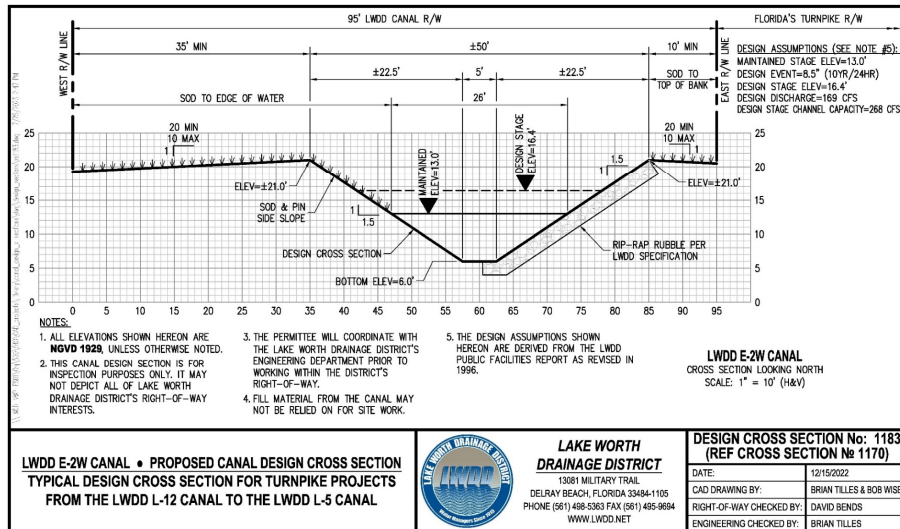
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## LWDD E-2W Design Section No 1183 (Without Bulkhead Wall)

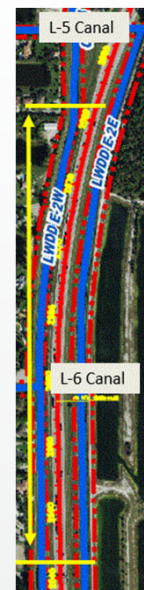
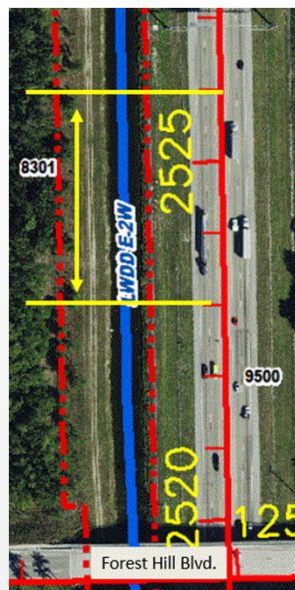
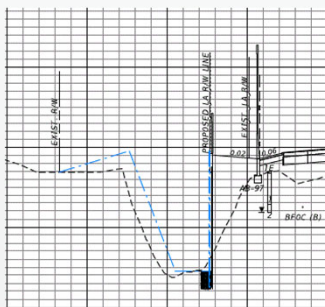


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## Construction of Bulkhead Wall & E-2W Canal per Design Section No. 1182



- ~STA 12523 – ~STA 12526
  - Commence ~300' N of Forest Hill Bridge and continue northward for ~300'
- ~STA 12547 - ~STA 12581
  - Commence on the N side of the existing Toll Gantry and continue northward for ~3,400'



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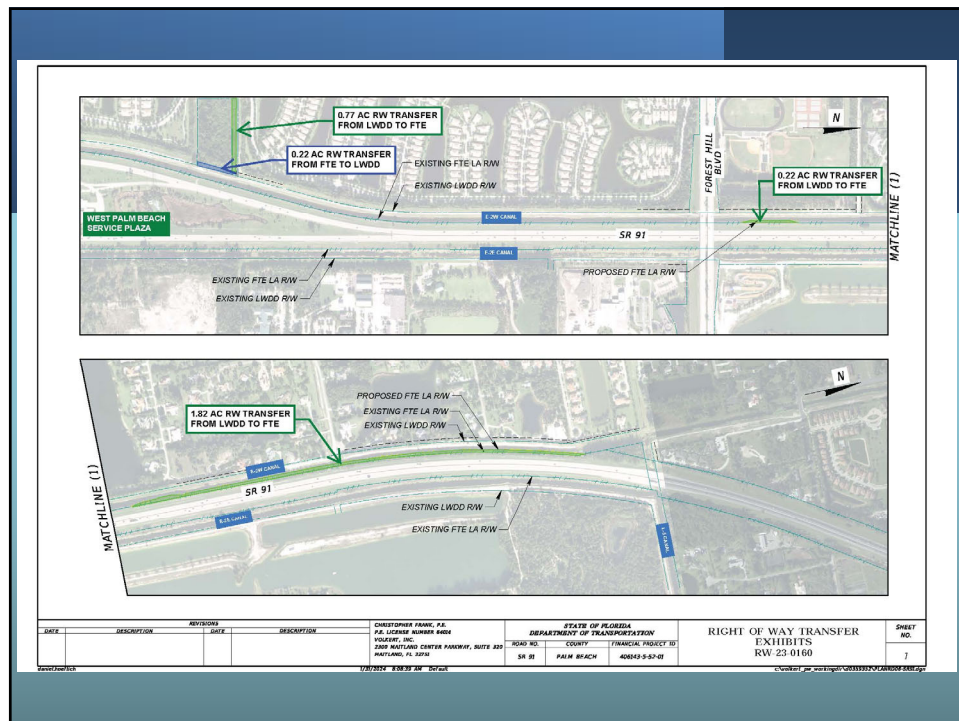


## Right of Way Exchange/Conveyances



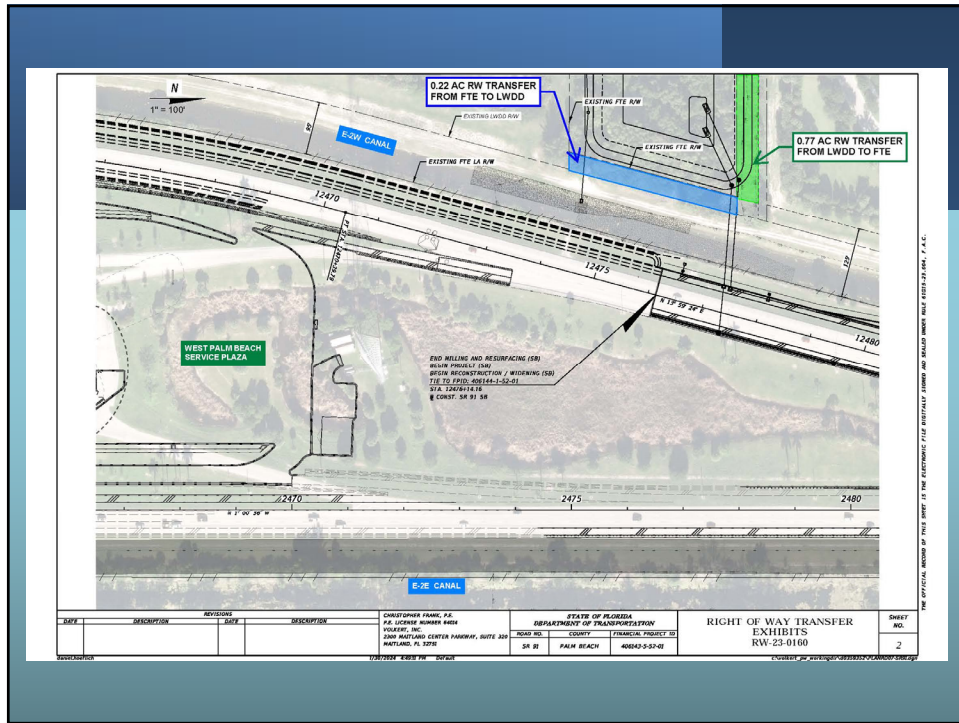
- Right-of-Way Exchange between LWDD and FDOT for the remnants of the L-9 Canal on the west side of the E-2W Canal and right-of-way from FDOT
  - Exchange provides LWDD with additional, consistent right-of-way on the west side of the E-2W Canal
- Right-of-Way conveyance from LWDD to FDOT of E-2W Canal Right-of-Way for the installation of the bulkhead wall
  - The proposed bulkhead wall will alleviate the existing erosion and maintenance concerns of LWDD; fair market value waived in consideration of benefit to LWDD
  - Upon completion of construction, final inspection and acceptance of the project by LWDD, fee simple ownership of the ROW containing the bulkhead wall will be transferred from LWDD to FDOT

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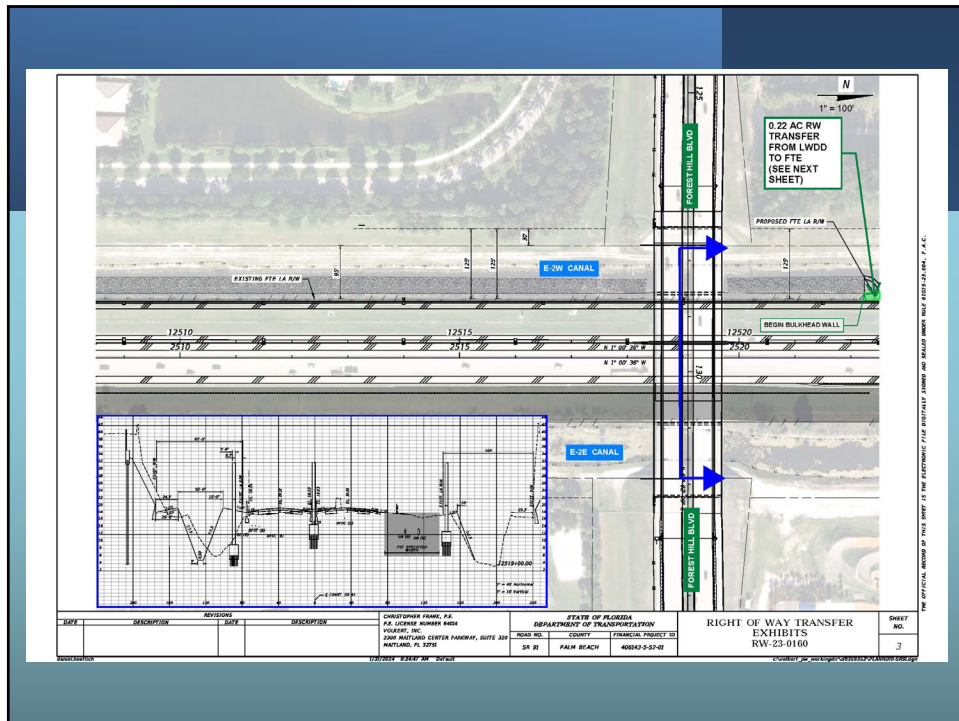


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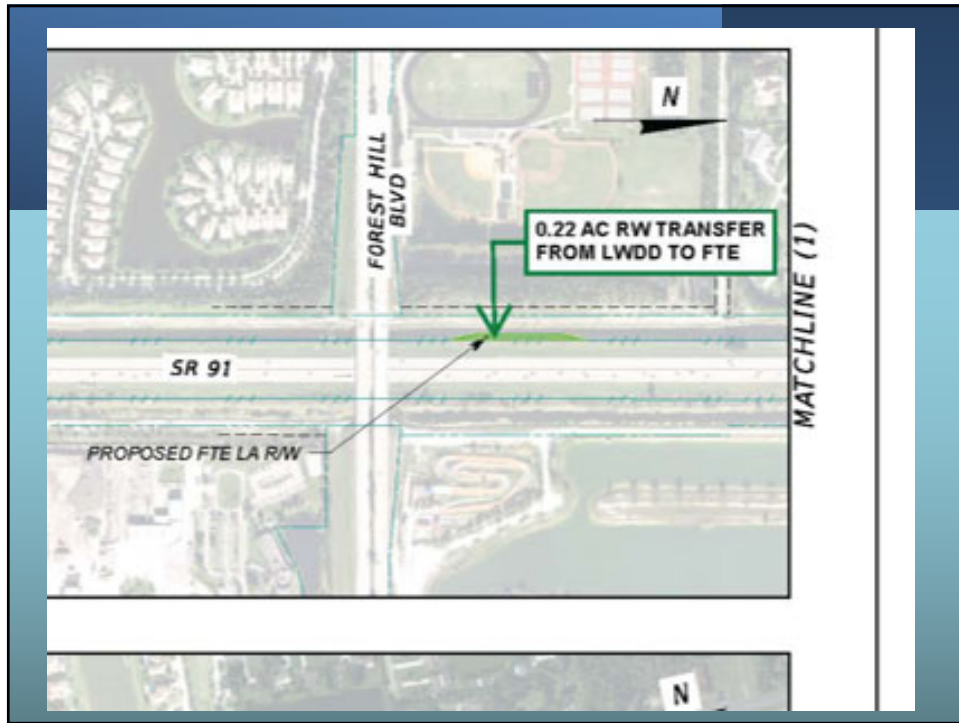


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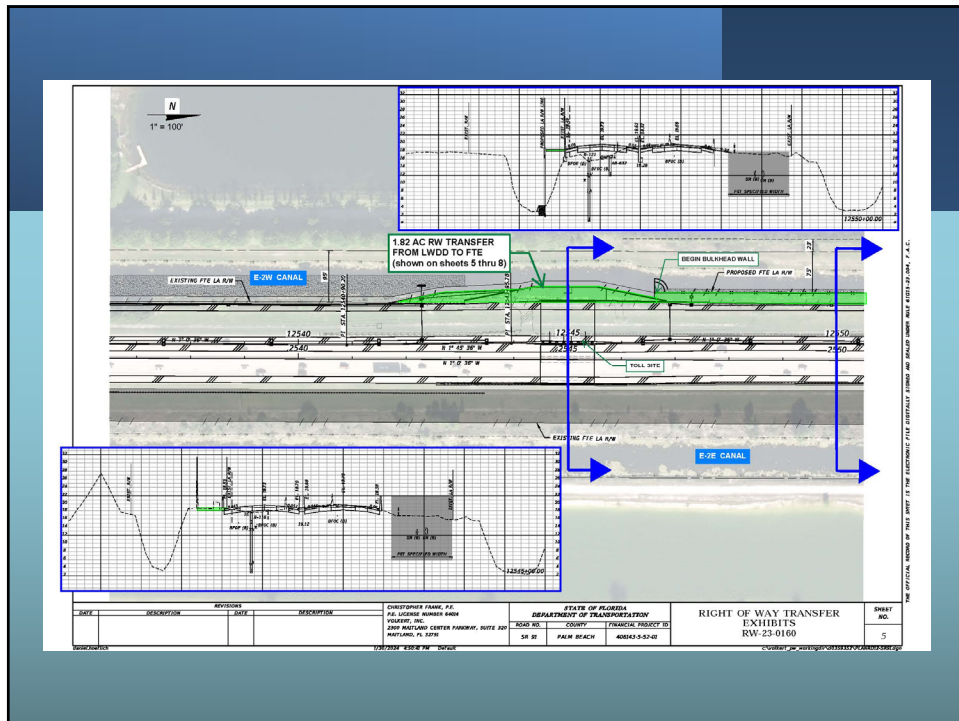


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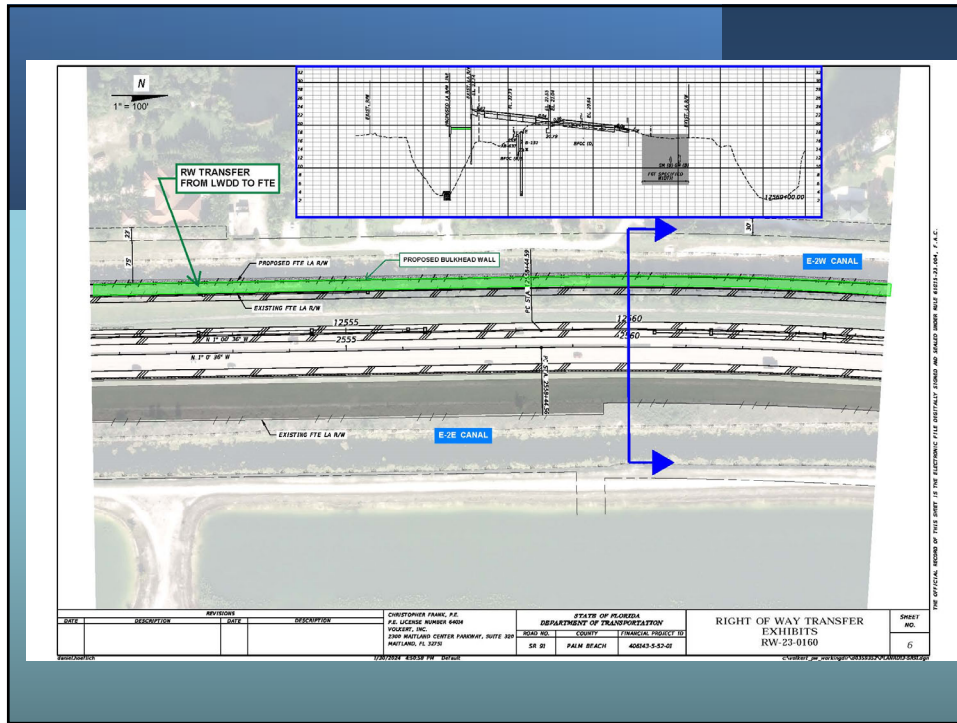


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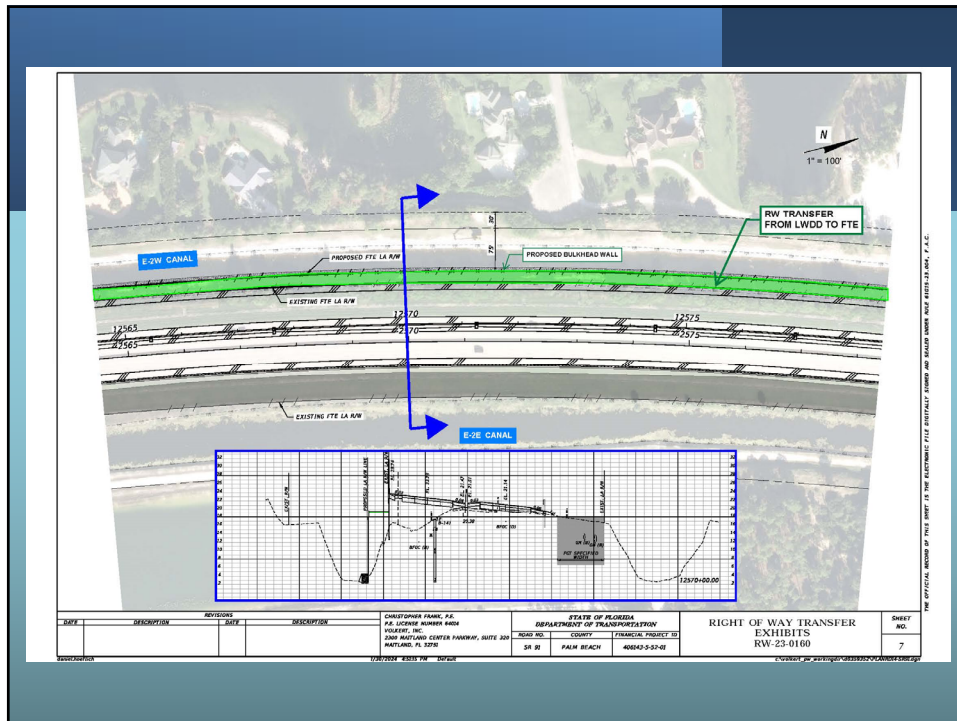


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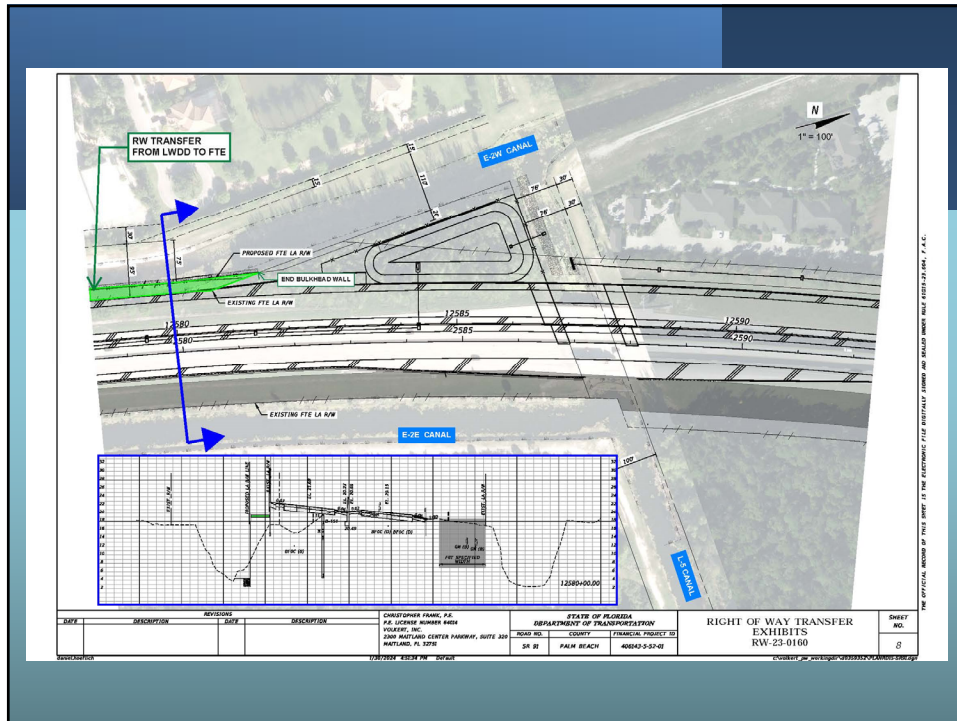


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## Staff Recommendation



- Approval to enter into a Memorandum of Agreement with the Florida Department of Transportation to define construction and maintenance responsibilities
- Approval to convey ~2.04 acres to FDOT of E-2W Canal Right-of-Way following construction completion
  - Subject to review and approval of final sketch of description and Signed and Sealed As-Built Record Drawings
- Approval to exchange 0.77 acres of L-9 Canal Right-of-Way from LWDD to FDOT for 0.22 acres of FDOT Right-of-Way

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## **M E M O R A N D U M**

**To:** LWDD Board of Supervisors

**From:** Anthony LasCasas, Director of Operations & Maintenance

**Date:** February 21, 2024

**Subject:** Sole Source Procurement of Riprap and Rock Materials

District staff recommends the Board of Supervisors approve Palm Beach Aggregates, LLC for the sole source procurement of riprap and rock materials for canal rehabilitation projects.

Based upon recent requests for quotes for rock material, Palm Beach Aggregates, due to their proximity to LWDD worksites and yard, is significantly lower (~40%) than their competitors. Utilizing Palm Beach Aggregates, LLC as a sole source supplier of riprap and rock materials is in the best operational interests of the District. In addition to cost and convenience of delivery, it will save considerable staff time soliciting multiple vendors as supplies are needed.

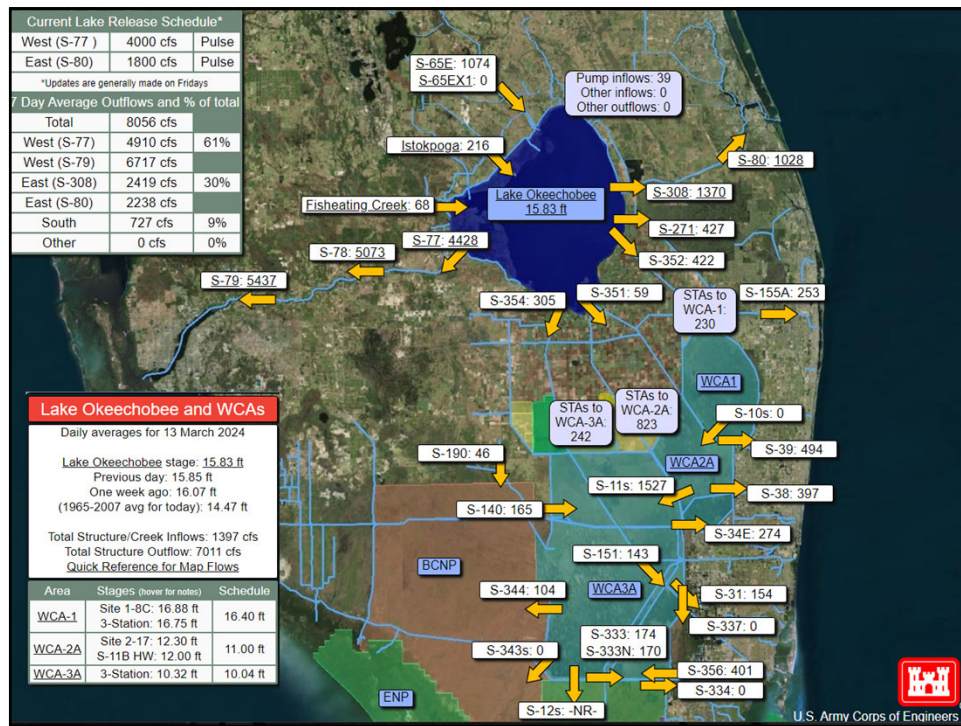
LWDD is currently seeking to engage Palm Beach Aggregates, LLC for the purchase of riprap and rock materials in FY24 in accordance with the approved budget.

This sole source request meets the requirements for a sole source procurement pursuant to LWDD Procurement Policy, section 1.5.2.

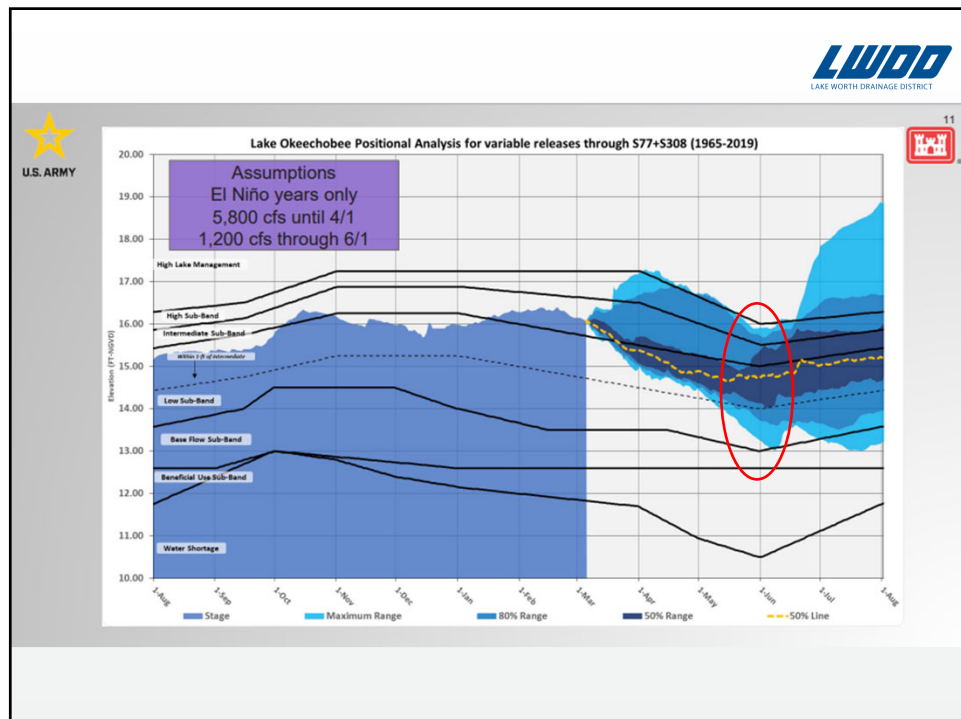


## Agenda Item #12

### Executive Director's Report



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