

J.W. Corbett Levee System Improvement



**WRAC Recreational Issues Workshop
September 16, 2013**

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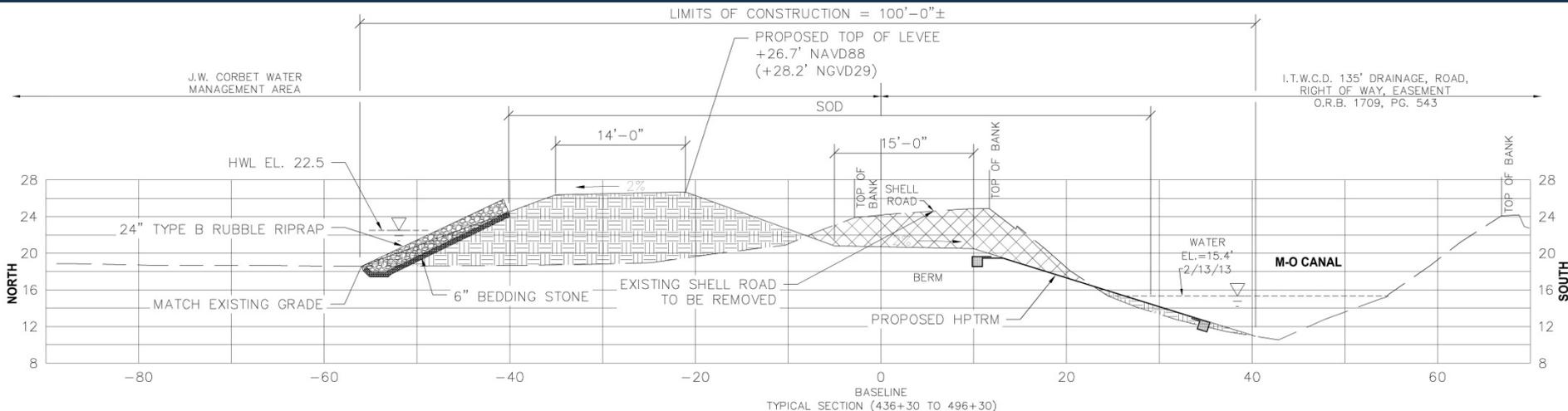
J.W. Corbett Levee System Improvement

Project Milestones

1. **Conceptual Design Alternatives (Completed)**
2. **Survey and Geotechnical Investigations (Completed)**
3. **Public Meetings (on going)**
4. **Preliminary Design Underway (October 2013)**
5. **Final Design TRB (January 2014)**
6. **Start Permits and Construction Easements (April 2014)**
7. **Governing Board Approval (May 2014)**

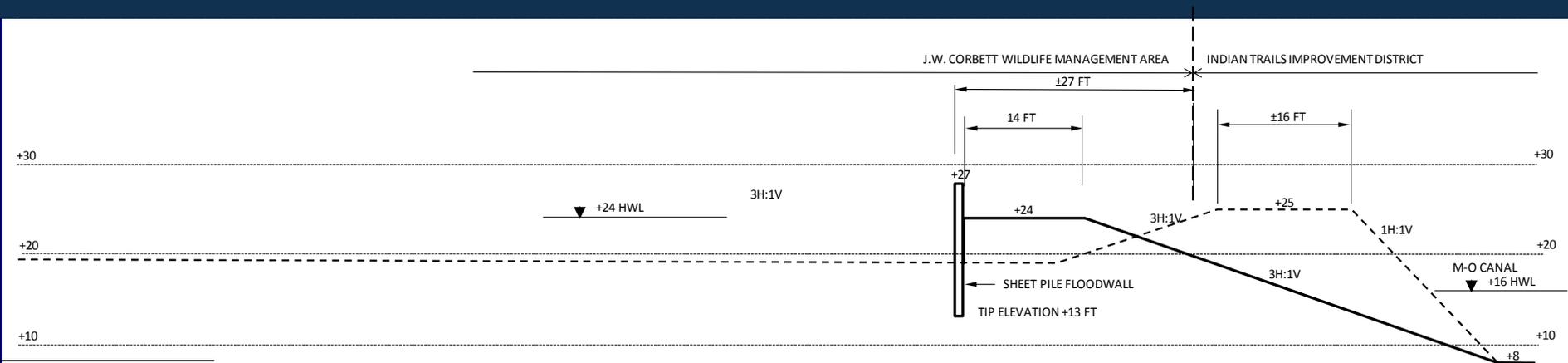
J.W. Corbett Levee System Improvement Summary - Conceptual Design Alternative 3B

- Meets the seepage and slope stability evaluation criteria
- Impacts to wetlands is 17.4 acres which is substantially less than the 100 plus acres of the original estimate.
- Is the less expensive alternative with a total cost estimate of \$7.8 M for the 5.6 miles of new levee between the reservoir and Seminole Pratt Whitney Rd.



J.W. Corbett Levee System Improvement Summary - Conceptual Design Alternative 4B

- Meets the seepage and slope stability evaluation criteria
- Impacts to wetlands is 4.9 acres which is substantially less than the 100 plus acres of the original estimate.
- Is the second most expensive alternative with a total estimate of \$ 20.1 M for the 5.6 miles of new levee between the reservoir and Seminole Pratt Whitney Rd.



**ALTERNATIVE 4B: LEVEE SYSTEM IN WILDLIFE MANAGEMENT AREA/ITID,
WITH SHEET PILE FLOODWALL AND M-O CANAL BANK STABILIZATION**

J.W. Corbett Levee System Improvement Wetland and Upland Delineation



C

B



D

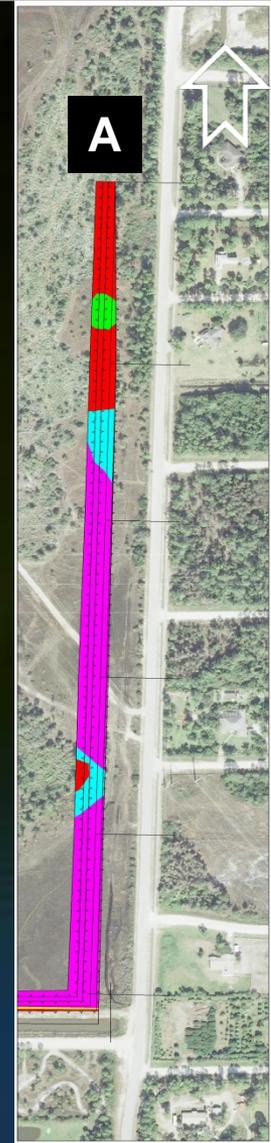
C

LEGEND

-  MESIC UPLAND IMPACT AREA
-  HYDRIC WETLAND IMPACT AREA
-  PRAIRIE WETLAND IMPACT AREA
-  MARSH WETLAND IMPACT AREA
-  TRANSITION WETLAND IMPACT AREA

→ 25.4 Acres

} 17.4 Acres



A

B

J.W. Corbett Levee System Improvement Recommendations



- A total of \$4.0 Million was approved by the State of Florida Legislature for this project.
- Recommend constructing the project in phases starting with the most critical areas, using available funds. Start with the area between 170th Ave. N and 190th Ave N.
- Cost estimate will be revised during the preliminary design phase.

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QUESTIONS?