



# Baldwin County Commission

## Legislation Text

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File #: 22-1422, Version: 1

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**Meeting Type:** BCC Regular Meeting

**Meeting Date:** 9/6/2022

**Item Status:** New

**From:** Brian Peacock, CIS/Parks Director/Wanda Gautney, Purchasing Director

**Submitted by:** Brian Peacock, CIS/Parks Director

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### **ITEM TITLE**

Funding for Pedestrian Bridge Connecting Bicentennial Park and Live Oak Landing

### **STAFF RECOMMENDATION**

**Discussion Item only at this time** - The probable cost estimate returned higher than originally funded and because this project is being funded with federal dollars, Davis Bacon Wage rates will apply to include fringe benefits for workers being hired. This will increase the cost greater than the probable cost of the project. Additional funding will be required to complete the project.

### **BACKGROUND INFORMATION**

#### **Previous Commission action/date:**

01/19/2021 - Approved Gulf of Mexico Energy Security Act (GOMESA) Funding for County Projects to include \$1,200,000.00 for Live Oak Landing.

**Background:** The initial plan was to build this boardwalk top down, using the deck of the boardwalk to construct the boardwalk. The first task of surveying and then collecting geotechnical information took nearly 9 months to complete due to the area being inundated with water.

Below are some of the critical details provided by the Engineers:

1) There are approximately 10 feet of muck that we have to get through to sink piles into a sand layer, the current recommendation is 5 feet into that layer. This is causing pile lengths to be much longer than previous boardwalks using this technique. There is equipment that can set piles from the top, but the issue is the equipment is so heavy (50,000 lbs.+) that it influences the cost of the boardwalk, and also creates a stability issue in locations where the boardwalk is 10+ feet of the ground. Ultimately for safety and budget reasons, it is our opinion that the safest scenario for this project would be to set piles from the ground and, not the deck of the boardwalk.

2) The site is inundated for portions of the year. This has hindered our design as the survey and geotechnical work were both delayed for an extended period of time to allow for the site to be mostly dry so that field crews could get in. The reason this is an issue is we have to remove 400+ trees in the corridor we are proposing work. The roots are not being removed as that is more of a permanent impact and triggers a more stringent permitting scenario. The roots being in place have required that

we have some pile spacings that are not typical but what we have is workable. When the water is up this becomes a non-workable scenario for setting piles. Therefore, getting all the piles set at one time would allow for the boardwalk to progress regardless of water below.

The change that we are proposing is to clear from the ground and set piles from the ground. We can still have the deck and structure built from the top, which does still fit the definition; the issue is we will have temporary impacts with clearing and pile driving.

**Previous Commission action/date:** N/A

**FINANCIAL IMPACT**

**Total cost of recommendation:** N/A

**Budget line item(s) to be used:** N/A

**If this is not a budgeted expenditure, does the recommendation create a need for funding?**  
N/A

**LEGAL IMPACT**

**Is legal review necessary for this staff recommendation and related documents?**  
N/A

**Reviewed/approved by:** N/A

**Additional comments:** N/A

**ADVERTISING REQUIREMENTS**

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**Is advertising required for this recommendation?** N/A

**If the proof of publication affidavit is not attached, list the reason:** N/A

**FOLLOW UP IMPLEMENTATION**

**For time-sensitive follow up, select deadline date for follow up:** N/A

**Individual(s) responsible for follow up:** N/A

**Action required (list contact persons/addresses if documents are to be mailed or emailed):**  
N/A

**Additional instructions/notes:** N/A