



COASTAL RESOURCES DIVISION
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COASTALGADNR.ORG

MARK WILLIAMS
COMMISSIONER

DOUG HAYMANS
DIRECTOR

DEC 19 2018

Yank Moore
Jekyll Island State Park Authority
100 James Road
Jekyll Island, GA 31527

**Re: Letter of Permission for Replacement of the Clam Creek Bike Path Bridge, Jekyll Island State Park Authority, Jekyll Island, Atlantic Ocean, Glynn County, Georgia
(GPS: 31.106665°N/81.406043°W)**

Dear Mr. Moore:

This Letter of Permission (LOP) is in response to your request, received November 13, 2018, to replace the Clam Creek bike path bridges at two locations. The wooden bridges along the Clam Creek bike spanned a small tidal creek prior to Hurricane Irma in 2017. During Hurricane Irma, the bridges were damaged and since the storm, the tidal creek has filled with sand and changed the topography of the adjacent area. The project will begin no sooner than 15 days from the date of this letter and be completed no later than six (6) months from the date of this letter.

The wooden bridges will be replaced with a concrete span reinforced with rebar, similar in structure to box culverts. The concrete will be formed and poured in place. The replacement structure will be within the same footprint of the wooden bridges prior to Hurricane Irma and will be 9 feet in width. This area is very dynamic and thus has the potential to return to a tidally influenced system. Due to this potential, the concrete span will be formed in such a way that it will function like a bottomless culvert. Equipment will access the area from the paved bike path area and no impact is anticipated to the surrounding area.

The Department authorizes the replacement of the two Clam Creek bike path bridges as depicted in the attached description and drawings and has no objection to the actions, provided Best Management Practices (BMP's) are used. **No unauthorized equipment, materials, or debris may be placed, disposed of, or stored in jurisdictional areas.** Any incidental damage to dunes or dune vegetation will require restoration to be coordinated through this office.

This LOP is valid for the above referenced projects. Any change in the use, location, dimensions, or configuration of the approved project, without prior notification and approval from this office could result in revocation of this permission and in the required removal of the related structures.

Because the project may occur between May 1st and October 31st, turtle nesting season, an individual with a DNR Sea Turtle Cooperators Permit must survey the area prior to the work beginning if the project is constructed during this time. This LOP does not relieve you from obtaining any other federal, state, or local permits.

DEC 19 2018

If you have any further questions or concerns in regard to this or any other projects, please feel free to contact Jordan Dodson at (912) 264-7218.

Sincerely,



Karl Burgess
Assistant Director

Enclosures: Project Description and Drawings

Cc: Jones Hooks, JIA
Noel Jensen, JIA

File: LOP20180189

Clam Creek Bike Path Bridge Replacement

Jekyll Island Authority

Introduction

The wooden bridges that spanned a small tidal creek on the North end of Jekyll were wiped out due to the storm surge and wind impacts associated with Hurricane Irma in 2017. The tidal creek has filled in with sand and changed the topography of the adjacent area. We want to replace the wooden bridges with a concrete span. We have acquired funding for this project through FEMA.

Methodology

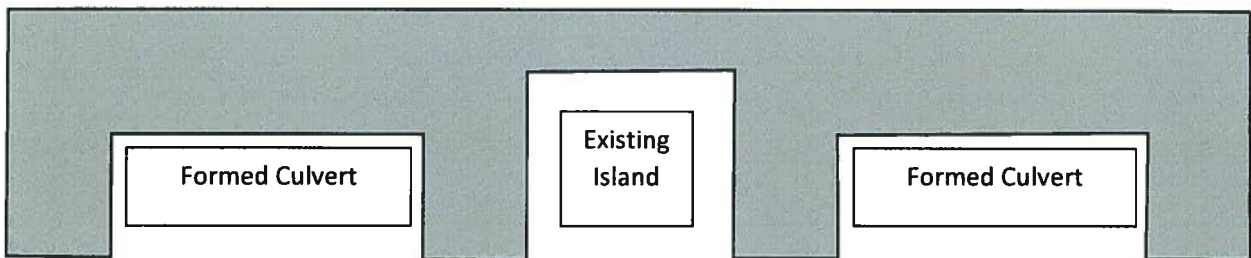
We will use concrete reinforced with rebar to recreate the span across for the bike path. This concrete will be formed and poured in place. No equipment will have to get off the already paved bike path and no impact will be made to the surrounding area. The project will be completed in house by staff of the Jekyll Island Authority.

Considerations

We are aware that this area is very dynamic and has the potential to return to a tidally influenced system. Due to this potential, we are forming the concrete in such a way that it will act like a functional bottomless culvert. This will return the bike path to safe use while allowing it to have some adaptability to the surrounding dynamic system.

Conceptual Drawings

Below is a conceptual drawing for the proposed span. The drawing is a concept only and is not drawn to scale.

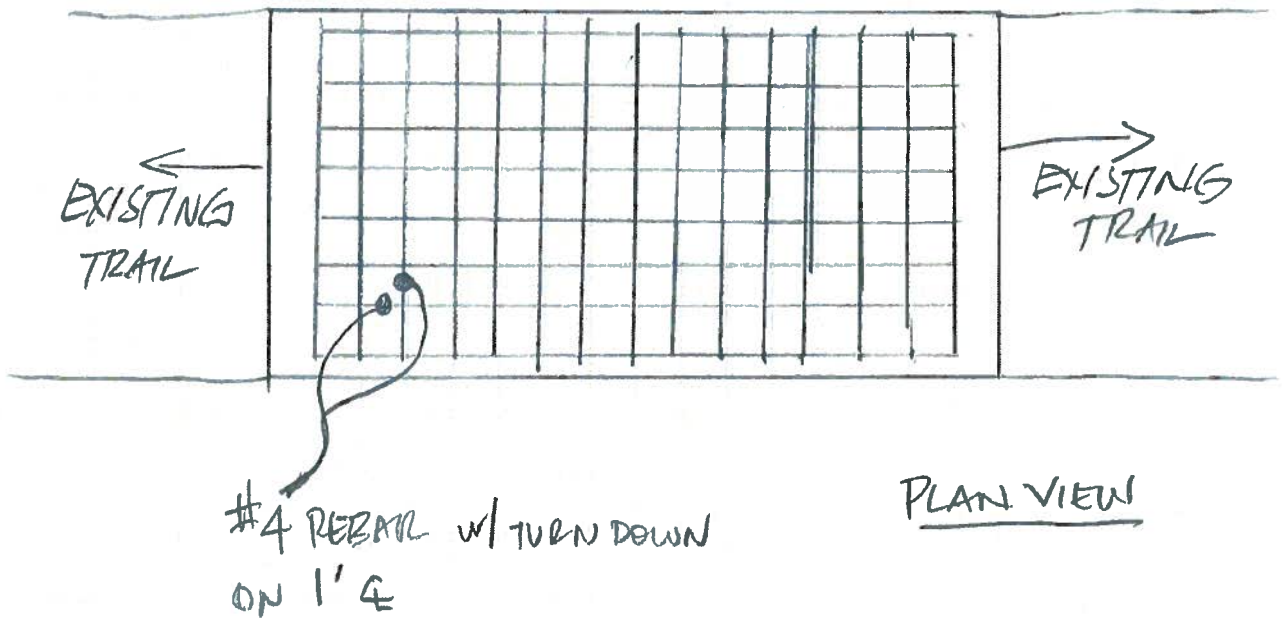
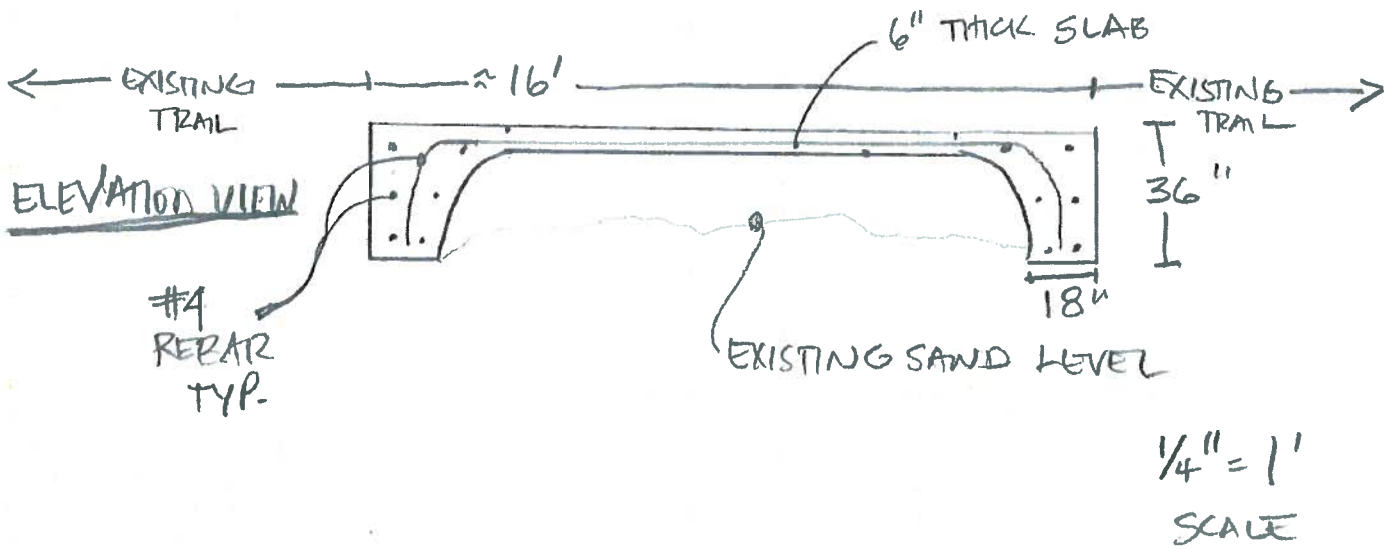


TRH

CONSTRUCTION, INC.

Job Name: DRIFTWOOD TRAIL Date: 11/2/18
Location: JEKYLL Phone/E-mail: _____
Contractor: _____ Architect: _____

CAST IN PLACE BOX CULVERTS AT TWO LOCATIONS.



Dodson, Jordan

From: Yank Moore <y Moore@jekyllisland.com>
Sent: Friday, November 30, 2018 5:18 PM
To: Dodson, Jordan
Subject: Fwd: Clam Creek LOP Requests

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: Noel Jensen <njensen@jekyllisland.com>
Date: 11/30/18 3:43 PM (GMT-05:00)
To: Yank Moore <y Moore@jekyllisland.com>
Subject: RE: Clam Creek LOP Requests

- Will the replacement structure be within the previous footprint of the bridge prior the Hurricane Irma (within the same footprint)? Yes, same exact footprint.
- What was the width of the previous bridges? 9 feet
- What will be the width of the replacement structures? 9 feet

Noel Jensen
Chief Operations Officer
The Jekyll Island Authority
Phone: [912-635-4091](tel:912-635-4091) | **Cell:** [912-617-0267](tel:912-617-0267)
Email: njensen@jekyllisland.com



From: Yank Moore
Sent: Friday, November 30, 2018 2:47 PM
To: Noel Jensen <njensen@jekyllisland.com>
Subject: Fwd: Clam Creek LOP Requests

Can you answer these questions to get the lop approved for the bridges?

Yank

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Dodson, Jordan" <jordan.dodson@dnr.ga.gov>

Date: 11/30/18 2:21 PM (GMT-05:00)

To: Yank Moore <y_moore@jekyllisland.com>

Subject: RE: Clam Creek LOP Requests

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Good Afternoon Yank,

In reviewing the information provided from the bridge replacement along the Clam Creek bike path, I have a few questions (see below).

- Will the replacement structure be within the previous footprint of the bridge prior the Hurricane Irma (within the same footprint)?
- What was the width of the previous bridges?
- What will be the width of the replacement structures?

Once we receive the above information, we will continue processing this request.

Sincerely,

Jordan Dodson
Coastal Permit Coordinator
Coastal Resources Division
(912) 264-7218 | O: (912) 262-3109
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A division of the
GEORGIA DEPARTMENT OF NATURAL RESOURCES

File: LOP20180189

From: Yank Moore <y_moore@jekyllisland.com>
Sent: Tuesday, November 13, 2018 8:02 AM
To: Dodson, Jordan <jordan.dodson@dnr.ga.gov>
Subject: Clam Creek LOP Requests

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hey Jordan,

Here are the 2 projects we discussed in our meeting a month or so back. One is for the Bridge replacement at Clam Creek and the other is for the Sand Fencing project on Driftwood Beach. Let me know if you have any questions or concerns on either project.

Thanks

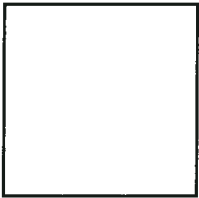
Yank Moore

Yank Moore, Conservation Land Manager

The Jekyll Island Authority

Phone: (912) 635-4178 | **Cell:** (912) 269-1203 | **Fax:** (912) 717-6861

Email: ymoore@jekyllisland.com



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