

Tobler, Paul

From: Brittany Israel <brittany.israel@gmcnetwork.com>
Sent: Thursday, February 6, 2020 2:06 PM
To: Tobler, Paul
Subject: RE: Sea Island Sidewalk RAI, Email 3 of 3*
Attachments: Zoning Certification.pdf; Stamped Plans.pdf

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Paul,

I added a response below to each item you need clarification on (**Responses in Orange**). If there's any more questions or items needed please let me know.

I appreciate your assistance to get this one through the process.

Brittany Israel, P.E.

Engineer, Environmental

T: 770.919.5046

C: 334.221.3944

6120 Powers Ferry Rd NW

Suite 350

Atlanta, GA 30339

Building Communities



From: Tobler, Paul <paul.tobler@dnr.ga.gov>
Sent: Thursday, January 23, 2020 8:25 AM
To: Brittany Israel <brittany.israel@gmcnetwork.com>
Subject: RE: Sea Island Sidewalk RAI, Email 3 of 3*

Brittany,

I was going through the additional materials you sent and there are just a few more clarifications that we need to walk through to get this project on public notice. It would be great to schedule a call with you to walk through the items below so that we can get this file substantially complete. Let me know your availability for a call in the next couple days or early next week.

- **Zoning Letter:** The application needs to include letter stating that this project is not violative of any local zoning laws and proof that the plans have been reviewed by the person issuing the letter. The proof normally being a copy of the plans that have been signed and dated by the person signing the letter. See attached **Zoning Certification from Glynn County to include in the review.**

- APOs: Is the only adjacent property owner the hospital? Because this project takes place on a county ROW I would think that there would be at least 1 more APO. I just mention this so that we notify all possible APOs so we stay legal. It's always better to over notify than to forget about someone

Adjacent property owners to notify:

FREDERICA ACADEMY

200 Murray Way, St. Simons GA 31522

- Signed Drawings: The project drawings need to be signed, stamped, and dated by a P.E., Registered Land Surveyor, or an Architect.

See Attached Plans signed, dated, and stamped by a registered P.E.

- Upland Component: The description in the revised cover letter you sent is a good foundation but I think a few more details will help. The reason for the impacts to coastal marshlands is the upland component. L x W x H of the sidewalk would be one good addition to the upland component description. This aspect of the application is the main reason I think a phone call would be a good idea.

Please include the following language within the project description to include the Upland Component:

The upland component consists of manicured, regularly mowed and maintained grassy shoulder adjacent to the Sea Island Roadway. GMC anticipates that approximately 0.20 acres of the upland component associated with the proposed project will be impacted for installation of a 16' culvert expansion north of Demere Road, installation of a headwall south of Hamilton Road, approximately 330 square yards of 4' paved shoulder widening of Sea Island Road, a sidewalk installation measuring approximately 618 square yards (695' x 8' x 4"), and approximately 1650 linear feet of silt fence and 22 cubic yards of rip rap material for installation of erosion and sedimentation control measures. Discharged stormwater from the upland component of the project shall be managed according to the policy, criteria, and information including technical specifications and standards in the Coastal Stormwater Supplement to the Georgia Stormwater Management Manual, 2016 Edition, and is protective of water quality and consistent with the purpose and reasonable use of the proposed project. The smallest practicable encroachment into the marshlands buffer is being utilized. The total impervious area has been minimized with the goal of achieving no more than 15% effective impervious cover where practicable taking into account existing structures that are part of the project and the available land area that is part of the upland component of the project.

- Impacts/calculations: I did some math and I am getting some slightly different numbers on total impacts than what is in the description and the supplemental info you provided in your response to the RAI. Its nothing that will elevate the project above a minor, but we need to be on the same page before the public notice goes out.

I believe the numbers were off because I did not include the sidewalk component within the jurisdictional lines. I've updated the volume amounts to include material to be located within the Jurisdiction and Upland Component so that it matches the revised Upland Component writeup:

The total volume of material within the jurisdictional marshland and upland component include the following:

Culvert Extension Material near Demere Rd:

Volume for General Fill Material = 35 CY

Volume for Pipes = 8 CY

Volume for Headwall = 2 CY

Volume for Riprap = 10 CY (15 SY and 24" thickness)

Volume for Concrete Sidewalk=72 CY (650 SY and 4" thickness=69 CY)

Volume for asphalt paving of shoulder= 39 CY (350 SY and 4" thickness)

Upland

Headwall Installation Material south of Hamilton Rd:

Volume for General Fill Material = 5 CY

Volume for Pipes = 3 CY

Volume for Headwall = 2.5 CY



Volume for Riprap = 12 CY (18 SY and 24" thickness)

Sincerely,

Paul Tobler

Coastal Permit Coordinator

Coastal Resources Division

(912) 262-3134 | M: (912) 689-6261

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From: Tobler, Paul

Sent: Friday, January 10, 2020 4:11 PM

To: Brittany Israel <brittany.israel@gmcnetwork.com>

Subject: RE: Sea Island Sidewalk RAI, Email 3 of 3*

Brittany,

The project will not get a permit # until it is approved by the committee. However, when I initially receive the application I input into our database. The database assigns a reference number to the project, your project is CMP20190037. Hope that answers your question.

Sincerely,

Paul Tobler

Coastal Permit Coordinator

Coastal Resources Division

(912) 262-3134 | M: (912) 689-6261

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GEORGIA DEPARTMENT OF NATURAL RESOURCES

From: Brittany Israel <brittany.israel@gmcnetwork.com>

Sent: Friday, January 10, 2020 3:46 PM

To: Tobler, Paul <paul.tobler@dnr.ga.gov>

Subject: RE: Sea Island Sidewalk RAI, Email 3 of 3*

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Paul,

One more random question about the permit- will you assign a permit # once it goes to the public comment period or will you use one that's consistent with the USACE permit?

Much appreciation for your help today, have a great weekend!

Brittany Israel, P.E.

Engineer, Environmental



December 26, 2019

Paul Tobler
Coastal Permit Coordinator
GADNR-Coastal Resources Division
1 Conservation Way
Brunswick, GA 31520

RE: **Georgia Coastal Marshlands Protection Permit Application
Sea Island Road Improvements
Glynn County, Georgia**

Mr. Tobler:

On behalf of Glynn County, Goodwyn, Mills, and Cawood, Inc. (GMC) requests a coastal marshlands protection permit to impact approximately 0.010 ± acres of marshlands in order to render the site suitable for the installation of sidewalks along Sea Island Road. Details of the project can be found below under Project Summary.

(1) Project Summary

The purpose of the project is to increase pedestrian access along Sea Island Road from Demere Road to Hamilton Road in Saint Simons Island, Georgia. The work to be completed includes installation of crosswalks at the existing intersection, construction of an 8' sidewalk along the western edge of Sea Island Road, a culvert extension of approximately 16' to accommodate continuous placement of the sidewalk, and the installation of a headwall south of Hamilton Road connecting the drainage pipe improvements running north along the western edge of Sea Island Road. The center coordinates of the site are Latitude 31.1667 N and Longitude 81.4064 W. See Figures 1-4 for project location and site specifics.

A coastal marshland delineation was conducted by a representative of the Department of Natural Resources Coastal Resources Division and GMC on May 30, 2018. The proposed culvert extension and drainage improvement installation south of Hamilton Road totals approximately 0.010 ± acres and it has been determined that approximately 0.010 ± acres of the property are jurisdictional coastal marshland. See photos in Appendix B for site details.

The proposed culvert extension and headwall installation were strategically placed and designed to meet the requirements necessary in order to minimize impacts. The 16' expansion of the culvert will extend into the current waterway and will remain 10' from the navigable channel, with the next closest structure located 80' south of the culvert. The new headwall south of Hamilton Road will extend 10' from the edge of pavement connecting to the in place headwall currently located in the waterway. Approximately 77 cubic yards of material will be placed within the jurisdiction for installation and erosion and sedimentation control measures. See Site Plans in Appendix C for further details.

The upland component consists of manicured, regularly mowed and maintained grassy shoulder adjacent to the Sea Island Roadway. GMC anticipates that approximately 0.20 acres of the upland component associated with the proposed project will be impacted for installation of curb and gutter and sidewalks along Sea Island Road. Best Management

Goodwyn Mills Cawood

35 Abercorn Street
Suite 210
Savannah, GA 31401
C: 912.656.1316

www.gmcnetwork.com

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Practices will be utilized to the fullest extent to reduce erosion and sedimentation into waters of the United States.

The project impacts were coordinated with the USACE and the approved Nationwide Permit is included in Appendix F.

(2) Site Plans

See Appendix C.

(3) Deed/Legal Conveyance

See Appendix E.

(4) Adjoining Land Owners

Installation of the sidewalks will take place entirely within city right-of-way and the culvert extension will take place within the Glynn Brunswick Memorial located at 3000 Wellness Way, Saint Simons GA. Best Management Practices will be utilized to the fullest extent to reduce erosion and sedimentation into waters of the United States. Please find in Appendix E the names and addresses of landowners that adjoin the proposed development.

(5) Zoning Letter and Signed Drawings

See Site Plans in Appendix C.

(6) Alternative Analysis

The amount of jurisdictional area within the proposed sidewalk extension boundary total approximately 0.010 acres of marshland. Due to transportation requirements for pedestrian safety, a minimum distance is needed that separates the roadway edge and the sidewalk. This constraint limits sidewalk placement and extension of the culvert is needed to meet these safety requirements. No other alternative was considered for this project.

(7) Landfill or Hazardous Waste Statement

GMC has inquired to the appropriate authorities that the proposed project is not over landfill or hazardous waste sites and the site is otherwise suitable for the proposed project.

(8) Water Quality Certification

The project activities will have no potential for discharge into the navigable water and will therefore not require a water quality certification under their 401 regulations.

(9) Erosion and Sedimentation Statement

The project will be conducted in compliance with applicable erosion and sediment control responsibilities.

(10) Public Interest Statement

No unreasonably harmful obstruction to or alteration of the natural flow of navigational water within the affected area will arise as a result of the project. Furthermore, no unreasonably harmful or increased erosion, shoaling of channels, or stagnant areas of water will be created. Granting of a permit and the completion of the proposal will not unreasonably interfere with the conservation of fish, shrimp, oysters, crabs, clams, or other marine life, wildlife, or other resources, including but not limited to water and oxygen supply.

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Please find below a list of information that can be found in the Appendix Section.

Appendix A:

- Figure 1- Site Location Map
- Figure 2- USGS Quadrangle Map
- Figure 3- Aerial Map
- Figure 4- Jurisdictional Determination
- Figure 5- Culvert Extension with Impacts
- Figure 6- Headwall Installation with Impacts

Appendix B:

Site Photos

Appendix C:

Site Plans

Appendix D:

Jurisdictional Determination

Appendix E:

Deed/Legal conveyance

Appendix F:

USACE Nationwide Permit

If you have questions or need additional information while reviewing the enclosed materials, please do not hesitate to contact me at 770-919-5046 or via email at Britany.Israel@gmcnetwork.com. We look forward to your comments and working with you on this project.

Sincerely,



Brittany Israel, PE

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