



PUBLIC WORKS
& ENGINEERING

GLYNN COUNTY PUBLIC WORKS DEPARTMENT

4145 Norwich Street – Brunswick, Georgia 31520

Phone: (912) 554-7746 / Fax: (912) 267-5774

www.glynncounty.org

Beach Access Mat Placement St. Simons Island, Glynn County

PROJECT SUMMARY:

Glynn County Public Works will be placing beach access matting (Mobi-Mats) at two public beach access locations on Saint Simons Island, Georgia. The two locations of these beach accesses are at Massengale Park and at the end of Driftwood Drive. The purpose of this project is to make these beach accesses ADA compliant by providing a smooth and consistent pedestrian access, over the soft sand, down to the beach. The addition of the Mobi-Mats will make the beach more accessible for those visitors with strollers and wheelchairs. These two locations are high tourist areas throughout the year and Glynn County wants to ensure that its citizens and tourists have easy passage down to the beach. At each location of the project, the matting material will be 6 feet wide and will stake directly into the sand in order to secure them. The Mobi-Mats are made up of a woven material that allows sand to accrete through the gaps. Periodic cleaning and maintenance of the mats are needed in order to prolong their lifespan. Mats will be removed in the event of a storm or an unusual high tide event and reset in place after the beach has been restored.

The Mobi-Mats that are being proposed to use are the same products that Glynn County has been using at the old Coast Guard station beach access point for the past 11 years. We have had great success in using the Mobi-Mats at this location with no maintenance issues. Glynn County Public Works would like to extend the use of these mats to the other areas as mentioned above.

In August of 2015, a crosswalk was built to make beach access at Massengale Park ADA compliant. Within a few months, the sand at the base of the walk way had washed away leaving a steep drop from the crosswalk onto the sand. In April of 2016, Glynn County built steps as a temporary safety measure. Currently the crosswalk cannot meet ADA needs. Access matting will be placed approximately 30 feet beyond the dune area, leading from the most southern corner of the parking area at Massengale Park.

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Driftwood Drive currently has a boardwalk with a ramp that leads to beach. Access matting will be placed approximately 30 feet beyond the ramp to make the beach more accessible.

ALTERNATIVES CONSIDERED

There were no other alternatives considered for implementation for this project. The areas of mat placement are not frequented by normal high tide, and so these areas do not get hard and compacted. Permanent matting is the option chosen because it's a hard surface that can provide access to the beach area, while being flexible enough to pull and recent for maintenance.

LANDFILL/HAZARDOUS WASTE STATEMENT

No evidence has been found by Glynn County to state that the project locations have hazardous or landfill material.

MAINTENANCE PLAN

~~The year-round plan for the Mobi-Mats will be two fold. The summer plan will have the county's~~
contracted maintenance vender provide daily checking of each mat to ensure they are free of sand that may hinder access. The winter plan will have the county staff that would provide daily checking of each mat and ensure the mats are free of debris or other problems that may hinder access. In the threat of a storm or an unusual high tide event, the Mobi-Mats will be removed by county staff and secured in a safe location.

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PUBLIC INTEREST STATEMENTS

1. Impacts to the sand sharing system

- a. Driftwood Drive - There will be no harmful activity performed to the sand dunes or sand sharing system in the project being that the 6 foot wide matting will be placed on top of an existing established path. The mats are made up of a woven material that allows sand to accrete through the gaps. The mats shall be checked daily and swept as needed.
- b. Massengale Park - There will be no harmful activity performed to the sand dunes or sand sharing system in the project. The 6 foot wide matting will be placed on top of an existing impacted established path before reaching the dune line. The matting will extend 30 feet past the dune line, along an existing established path. The mats are made up of a woven material that allows sand to accrete through the gaps. The mats shall be checked daily and swept as needed.

2. Impacts to wildlife

- a. Driftwood Drive - The area will be checked for sea turtle nest before installation of the mats. In the event that the Mobi-Mats need to be removed, the area will be checked once again to ensure that no sea turtle nest will be disturbed before installation.
- b. Massengale Park - The area will be checked for sea turtle nest before installation of the mats. In the event that the Mobi-Mats need to be removed, the area will be checked once again to ensure that no sea turtle nest will be disturbed before installation. The Mobi-Mats will be placed over an existing impacted established path and should not interfere with the local wildlife.

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3. Public Interest

- a. Driftwood Drive – The goal of this project is to enhance the public’s beach going experience by providing an easy access to the beach. The dry sand portion of the beach, at the end of the board walk, makes it difficult to traverse by foot to the shore. This soft sand makes it even more difficult for those beach goers that are confined to wheelchairs or have children in strollers. With the installation of the Mobi-Mats, the beach will become more accessible for everyone.
- b. Massengale Park – The goal of this project is to enhance the public’s beach going experience by providing an easy access to the beach. The dry sand portion of the beach, at the end of existing impacted established path, makes it difficult to traverse by foot to the shore. This soft sand makes it even more difficult for those beach goers that are confined to wheelchairs or have children in strollers. With the installation of the Mobi-Mats, the beach will become more accessible for everyone.

DEED AND PROPERTY PLAT

Driftwood Drive

Glynn County has a 50 foot right-of-way on Driftwood Drive. This Right-of-Way extends to the Atlantic Ocean as shown on the plat titled North Breakers Condominium. The boardwalk shown in that plat has since been replaced with another boardwalk that is completely in the right-of-way as shown in the Driftwood Drive Beach Access drawing.

Massengale Park

On September 6, 1951 the land now known as Massengale Park was given to Glynn County, Georgia by the Sea Island Company as described in the deed provided. The plat by Shupe Surveying Company shows the land described in the deed.

VICINTY MAP

See attached. Directions are provided from Coastal Resources Division of GA DNR.

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ADJOINING PROPERTY OWNERS

See attached for plats.

Massengale Park

King & Prince Villas North Common, PO Box 1281 Brunswick Ga 31521

St. Simons Grand Condo Association Inc, 520 Ocean Blvd. St. Simons Island Ga 31522

Driftwood Drive

East End Townhouse Common, PO Box 1281 Brunswick Ga 31521

North Breakers Common, PO Box 1281 Brunswick Ga 31521

ZONING LETTER

See attached. This project does not violate local zoning ordinances.

LANDFILL OR HAZARDOUS WASTE STATEMENT

~~The Glynn County Engineer has been contacted and has verified that this site is not over a landfill~~
or hazardous waste site.

HURRICANE CERTIFICATION

The project Engineer Ben Pierce (GA PE039249) has certified that the material to be used for this project is hurricane resistant material. See attached letter.

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*A Golden Past.
A Shining Future.*

COMMUNITY DEVELOPMENT DEPARTMENT
1725 Reynolds Street, Second Floor, Brunswick, GA 31520

October 14, 2016

Ms. Sheldon Leiker
Permit Coordinator
GA DNR/Coastal Resources Division
1 Conservation Way
Brunswick, GA 31520

Zoning Certification for Beach Access Mat Placement project

Dear Ms. Leiker,

The Beach Access Mat Placement project is located at Massengale Park, Driftwood Drive, and the old Coast Guard Station on St. Simons Island. These properties have zoning designations that permits park and recreation areas. The proposed project does not violate Glynn County's Zoning Ordinance.

If you have any questions please call 912-554-7429

Sincerely,

David A. Hainley

David Hainley, RLA, ASLA
Director

GA DNR

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On behalf of Glynn County I, Ben Pierce, have reviewed the material specifications to be used for this project and certify that this material is hurricane-resistant material. My Georgia Professional Engineering license number is 039249.

Ben Pierce, PE

Roads and Drainage Division Manager

10-12-16

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Dodson, Jordan

From: Anthony Vicent <avicent@glynncounty-ga.gov>
Sent: Wednesday, March 22, 2017 10:10 AM
To: Dodson, Jordan
Subject: FW: Beach Access Mat Placement Permit Application
Attachments: Massengale Layout1 rev.pdf

Jordan,

I've attached a drawing that now has the has the Mobi-Mat length dimensions on it for Massengale.

Please let me know if there is anything else that you need.

Sincerely,

Tony Vicent
Engineer I
Glynn County Public Works
4145 Norwich St. Brunswick, GA. 31520
912-554-7742 Office

From: Anthony Vicent
Sent: Wednesday, March 22, 2017 9:53 AM
To: 'Dodson, Jordan'
Subject: RE: Beach Access Mat Placement Permit Application

Hey Jordan,

The Mobi-Mats at Massengale Park will extend approximately 45 feet from the parking lot to the SPA jurisdictional line. It will then extend 60 feet from the jurisdictional line to the dune line. The Mobi-Mats will then extend 30 feet past the dune line.

If you have any further questions, please do not hesitate to ask.

Thanks,

Tony Vicent
Engineer I
Glynn County Public Works
4145 Norwich St. Brunswick, GA. 31520
912-554-7742 Office

From: Dodson, Jordan [<mailto:jordan.dodson@dnr.ga.gov>]
Sent: Wednesday, March 22, 2017 9:43 AM
To: Anthony Vicent

Cc: Burgess, Karl
Subject: RE: Beach Access Mat Placement Permit Application

Hi Tony,

As we were reviewing the Massengale project drawing, it was noticed that only the length past the dune line is included. In order to best describe the placement of the Mobi-Mats, we will need the length from where the mats start at the parking lot to the approximate SPA jurisdictional line and from the approximate SPA jurisdictional line to the dune line. If we come across any additional questions during preparation to put this project on public notice, we'll let you know. I hope your week is going well.

Sincerely,

Jordan Dodson
Coastal Permit Coordinator
Coastal Resources Division
(912) 262-3109 | M: (912) 266-0642
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From: Anthony Vicent [<mailto:avicent@glynncounty-ga.gov>]
Sent: Friday, March 17, 2017 2:43 PM
To: Dodson, Jordan <jordan.dodson@dnr.ga.gov>
Cc: Burgess, Karl <Karl.Burgess@dnr.ga.gov>
Subject: RE: Beach Access Mat Placement Permit Application

Hi Jordan,

In the event of a storm or an unusual high tide event, the Mobi-Mats will be moved safely out of the jurisdictional areas to our maintenance facility on Saint Simons Island which is located at :
2001 Demere Rd. Bldg 3
Saint Simons Island, Ga 31522

Please let me know if you have any further questions.

Thanks,

Tony Vicent
Engineer I
Glynn County Public Works
4145 Norwich St. Brunswick, GA. 31520
912-554-7742 Office

From: Dodson, Jordan [<mailto:jordan.dodson@dnr.ga.gov>]
Sent: Friday, March 17, 2017 2:24 PM
To: Anthony Vicent

Cc: Burgess, Karl

Subject: Beach Access Mat Placement Permit Application

Hi Tony,

Thank you for delivering the check this afternoon. As Karl and I review your most recent application, submitted March 14, 2017, in preparation to put on public notice, we came across one point that needs clarification. In the maintenance plan, it is mentioned that in the event of a storm or an unusual high tide that the Mobi-Mats will be removed and stored in a safe location. Is this location out of the jurisdictional area?

I hope your day is going well.

Sincerely,

Jordan Dodson

Coastal Permit Coordinator

Coastal Resources Division

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