

GLYNN COUNTY PUBLIC WORKS DEPARTMENT

4145 Norwich Street – Brunswick, Georgia 31520

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

www.glynncounty.org

Wooden Beach Crossovers St. Simons Island, Glynn County

PROJECT SUMMARY:

Glynn County Public Works will continue to provide safe beach accesses to the beaches of Saint Simons Island by means of repairing and restoring the 22 existing beach crossovers due to any future damage or destruction that may occur, extending the Gould's Inlet beach access seaward on 15th street, and constructing a wooden beach crossover at Wyley Street.

Existing Wooden Beach Crossovers

Saint Simons Island has 41 public beach accesses. 22 of these public beach accesses currently feature wooden beach crossovers. The names and locations of these beach crossovers are shown in Table 1. The beach crossovers have the same standard design. The length and the height of the crossovers vary as needed in each location. In the event of any damage to these crossovers due to a major storm event, such as a hurricane, Glynn County Public Works would work to restore the beach crossover back to its previous condition while keeping the previous footprint of the structure.

Here is a description of the scope of work Public Works will need to perform:

A rebuild will consist of entering the beach during low tide at the beach access to allow a Hydraulic Excavator to get onto the beach. The Excavator will be staged on the hard packed sand so that sand can be excavated to allow the new steps to be installed. Sand that is excavated during the work will be carefully backfilled and leveled. Additional sand will not be needed. The existing granite rock will be temporarily removed and replaced as needed in order to allow post to be dug into the sand beneath. Steps will be installed on the land side of the granite rock to complete the crossover. Materials and equipment such as generators, air compressors, wood, and other carpentry tools will be staged in the vicinity during the reconstruction. The replacement that is planned is within the footprint of the existing

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crossover. Once work is completed for this site all granite rock will be placed back to their original location. All construction debris will be removed from the site. Care will be taken not to disturb the jurisdictional area near the crossover.

Gould's Inlet Beach Access

The beach access located on 15th Street on Saint Simons was severely damaged by Hurricane Matthew. Glynn County Public Works were able to restore this beach access with a Letter of Permission (LOP20170054) to its pre-hurricane condition. The issue with the pre-hurricane design of this beach access is that once a visitor exits off of the access onto the sand, the visitor must then cross jagged Johnson Rocks and a small inlet of water in order to reach the shoreline of the beach. This has resulted in several injures of beach goers. Some injuries were severe enough that emergency medical services were required. Glynn County Public Works has temporarily added stairs to the wooden beach access in order to create a safe passage way over the Johnson Rocks under LOP20170141.

Here is a description of the scope of work Public Works needs to perform:

Glynn County Public Works will fabricate a standard set of wooden stairs based on the design of all existing beach access. The stairs will be installed at a 45 degree angle and will be attached to two buried post for stability. Materials and equipment such as generators, air compressors, wood, and other tools and equipment as necessary will be staged in the vicinity during the construction.

Glynn County Public Works recognizes the fact that the shoreline at Gould's Inlet has only recently developed to the size it is now and that the shoreline could wash away back into the ocean over time. If the shoreline erodes away into the ocean, then Glynn County Public Works will remove the stairs of the crosswalk and return the beach crosswalk back to its previous design. The Coastal Resources Division of the Department of Natural Resources shall have the final say in when and if the Gould's Inlet beach access should be reverted back to its original state. Signs will remain in place warning guest of the dangers of attempting to cross over the rocks.

The crossover addition could attract higher number of visitors to the area. Despite the fact that parking may become more limited, there are no plans to make any changes to the parking area.

Wyley Street Beach Crossover

The Wyley Street Beach Access (Beach Access #1) is in need of a beach crossover in order to make the beach accessible. There have been beach crossovers at this location in the past, but none that were commissioned or built by Glynn County. The county right-of-way extends beyond Wyley Street to the Atlantic Ocean. There is approximately 15 feet of "Johnson Rocks" that would need to be crossed over in order to reach the beach shore, coming from Wyley Street. Glynn County is proposing to build a beach crossover over these rocks to provide a safe access to the beach. In order to reduce to impact to the sand sharing system, Glynn County Public Works will enter the beach at low tide with a hydraulic excavator. The excavator will enter the beach area along the hard packed sand to avoid disturbance to the sand sharing system. The sand that is excavated during the work will be carefully backfilled and leveled. No additional sand will be needed. The deck of the crossover structure will be extend approximately 20 feet and will be 6 feet wide.

ALTERNATIVES CONSIDERED

- A. Existing Wooden Beach Crossovers There are no alternatives considered at this time for this project.
- B. Gould's Inlet Beach Access An alternative solution would to be to clear out a 6 foot wide section of the large rocks, next to the existing beach access, in order to make a safe pathway for the visitors that are trying to access the shoreline at Gould's Inlet. This alternative solution would not be as safe as the primary proposed solution. A clearing would not be as noticeable as a beach crossover; therefore some beach goers may still attempt to cross the sharp rocks if unaware of the cleared path. Once a path is cleared of the large rocks, visitors would still have to cross the shallow water reach the shoreline of the beach. While crossing these shallow waters, visitors would still run the risk of injury due to oyster shells that may lie in these shallow waters.
- C. Wyley Street Beach Crossover There are no alternatives considered at this time for this project.

LANDFILL/HAZARDOUS WASTE STATEMENT

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

PUBLIC INTEREST STATEMENT

1. Sand Sharing system

- a. Existing Beach Crossovers: When necessary, Glynn County Public Works will enter the beach at low tide with a hydraulic excavator. The excavator will enter the beach area along the hard packed sand to avoid disturbance to the sand sharing system. The sand that is excavated during the work will be carefully backfilled and leveled. No additional sand will be needed.
- b. Gould's Inlet Beach Access Extension: In order to reduce to impact to the sand sharing system, Glynn County Public Works will enter the beach at low tide with a hydraulic excavator. The excavator will enter the beach area along the hard packed sand to avoid disturbance to the sand sharing system. The sand that is excavated during the work will be carefully backfilled and leveled. No additional sand will be needed.
- c. Wyley Street Crossover: In order to reduce to impact to the sand sharing system, Glynn County Public Works will enter the beach at low tide with a hydraulic excavator. The excavator will enter the beach area along the hard packed sand to avoid disturbance to the sand sharing system. The sand that is excavated during the work will be carefully backfilled and leveled. No additional sand will be needed.

2. Impacts to Wildlife

- a. Existing Beach Crossovers: The area will be checked for sea turtle nests at the site of and along the path of the excavator before construction begins on the crosswalk.
- b. Gould's Inlet Beach Access Extension: The area will be checked for sea turtle nest at the site of the new construction and along the path of the excavator before construction begins on the crosswalk.
- c. Wyley Street Crossover: The area will be checked for sea turtle nests at the site of and along the path of the excavator before construction begins on the crosswalk.

3. Public Interest

- a. Existing Beach Crossovers: The goal is of this project is to keep the beach accesses open in order to provide safe passage to the beach for the general public to enjoy. In the case of a beach crossover being damaged or destroyed, this permit will allow swift action to be taken in order to make the crossovers accessible once again and reducing the downtime of the crossover.
- b. Gould's Inlet Beach Access Extension: The goal of this project is to enhance the safety and the accessibility of the area to the general public. By extending the Gould's Inlet Beach the public will have a safe passage way to the beach area that would otherwise be inaccessible. In the past, while attempting to cross the Johnson rocks, visitors have injured themselves to the point that they required medical attention from Glynn County EMS. The goal of this project is to prevent this from happening as much as possible.
- c. Wyley Street Crossover: The goal of this project is to enhance the safety and the accessibility of the area to the general public. By constructing a beach crossover at the end of Wyley Street, the public will have a safe passage way to the beach area that would otherwise be inaccessible.

DEED AND PROPERTY PLATS

See Attached

VICINTY MAPS

See Attached

ADJOINING PROPERTY OWNERS

GOULDS INLET

RALPH T SKELTON JR 2228 BRUCE DR. SAINT SIMONS ISLAND, GA. 31522 DEED BOOK 20D PAGE 602 (Glynn County Courthouse)

MRS J R DELLINGER 4310 FIFTEENTH ST. SAINT SIMONS ISLAND, GA 31522 DEED BOOK 740, PAGE 635 (Glynn County Courthouse)

WYLEY STREET

JOY CORTI 3 PRESCOTT LN SAVANNAH, GA 31411 DEED BOOK 1080, PAGE 223 (Glynn County Courthouse)

L.B. & JOYCE PICKREN

101 WYLEY ST

SAINT SIMONS ISLAND, GA 31522

DEED BOOK 1121, PAGE 450 (Glynn County Courthouse)

ZONING LETTERS

See Attached

HURRICANE CERTIFICATIONS

See Attached

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GLYNN COUNTY PUBLIC WORKS DEPARTMENT

4145 Norwich Street - Brunswick, Georgia 31520

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February, 1 2018

Jordan Dodson
Permit Coordinator
GA DNR/Coastal Resources Division
1 Conservation Way
Brunswick, GA 31520

Our original design for the beach access at Gould's Inlet shows that we would extend the access deck and stairs 20 feet towards the Atlantic Ocean in order to provide safe pedestrian access to East Beach. After further observation of the project area during abnormal high tide events, Glynn County feels that this beach access needs to be extended out an additional 20 feet. The new proposed length of the extension is now 40 feet. This would increase the project area from 1,992 square feet to 2,741 square feet. Please see the attached drawings for details.

Please contact me if you have any further questions.

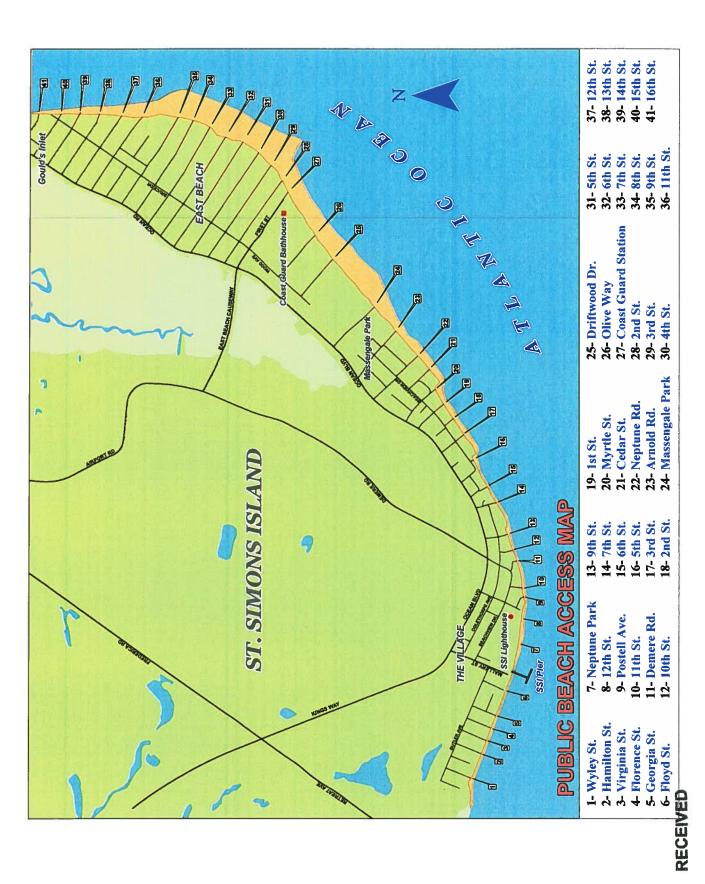
Tony Vicent
Engineer I
Glynn County Public Works
4145 Norwich St. Brunswick, GA. 31520
912-554-7742 Office

GA DNR

FEB 0 1 2018

Marsh & Shore Mgt. Program

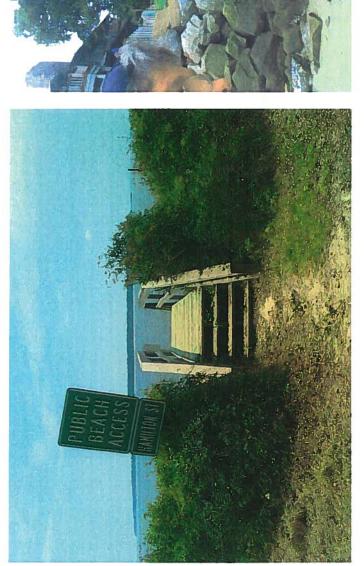
EXISTING BEACH CROSSOVERS



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Table 1				
Wooden Beach Crossovers on Saint Simons Island				
Beach Access #	Location			
2	Hamilton Street			
5	Georgia Street			
6 Floyd Street				
7	7 Neptune Park			
8	12th Street			
9	Postell Ave			
10	Demere Road			
11	11th Street			
12	10th Street			
13	9th Street			
14	7th Street			
16	5th Street			
17	3rd Street			
18	2nd Street			
19	1st Street			
20	Myrtle Street			
22	Neptune Road			
24 Massengale Park				
25	Driftwood Drive			
26	Olive Way			
27	Coast Guard Station			
40 Goulds Inlet				

Beach Access #2 Hamilton Street





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Beach Access # 3 Georgia Street



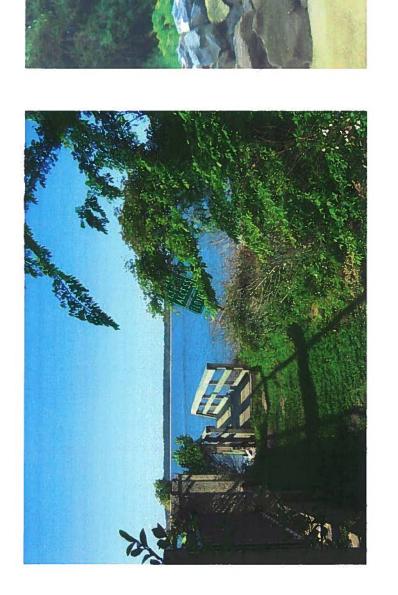


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Beach Access #6 Floyd Street



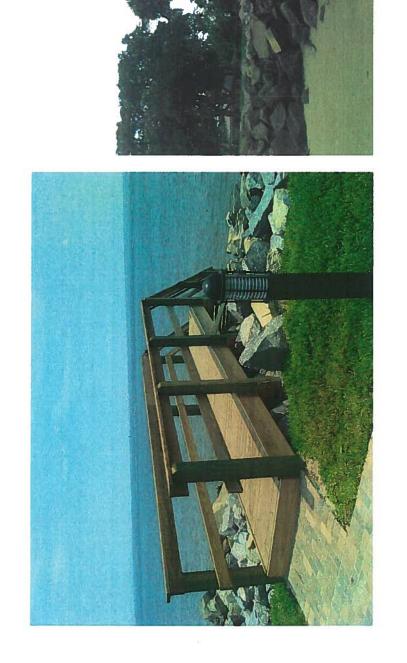
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Beach Access #7 Neptune Park



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Beach Access #8 12th Street

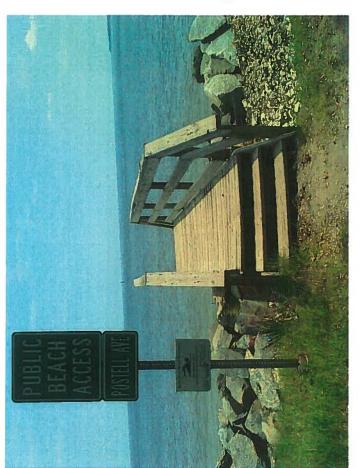


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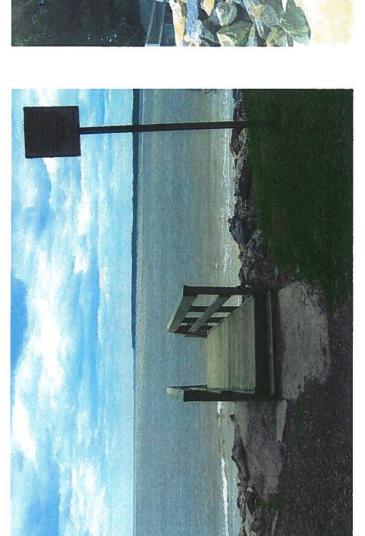
Beach Access #9 Postell Ave

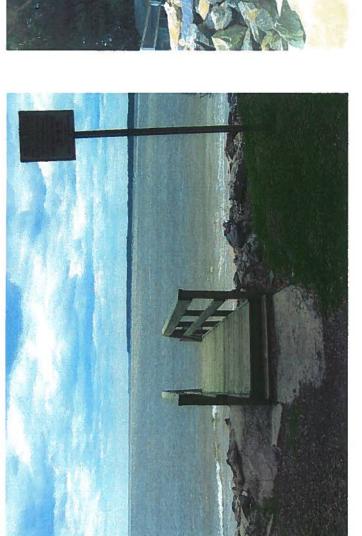




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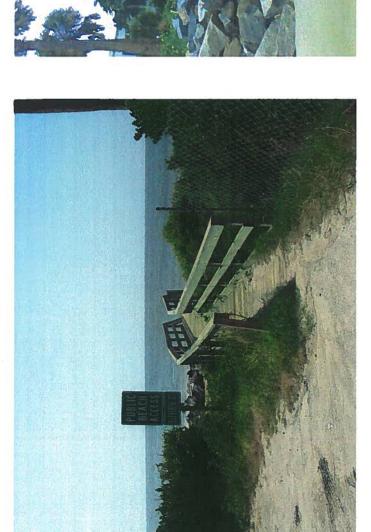
Beach Access #10 Demere Road





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Beach Access #11 11th Street





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Beach Access #12 10th Street

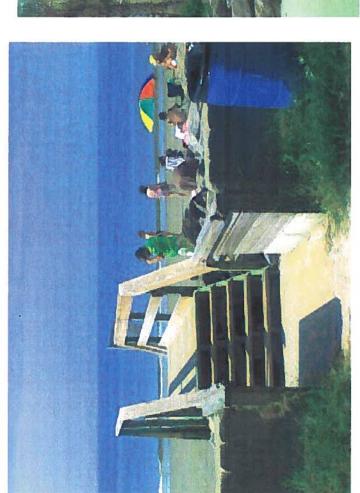




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Beach Access #13 9th Street





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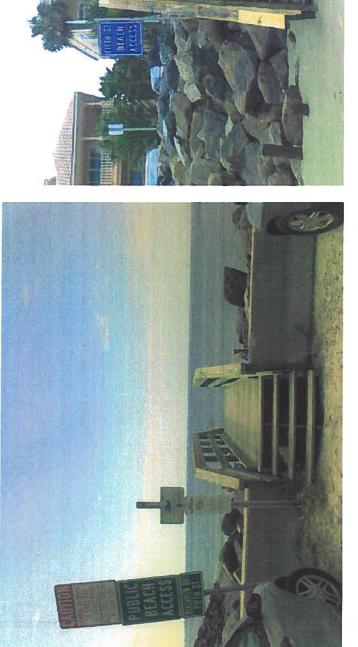
Beach Access #14

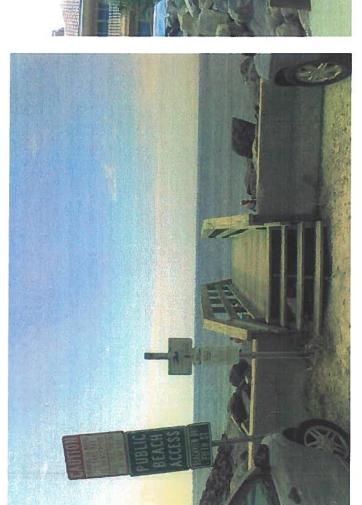




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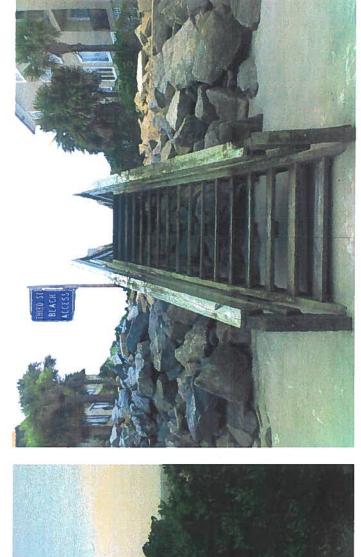
Beach Access #16 5th Street





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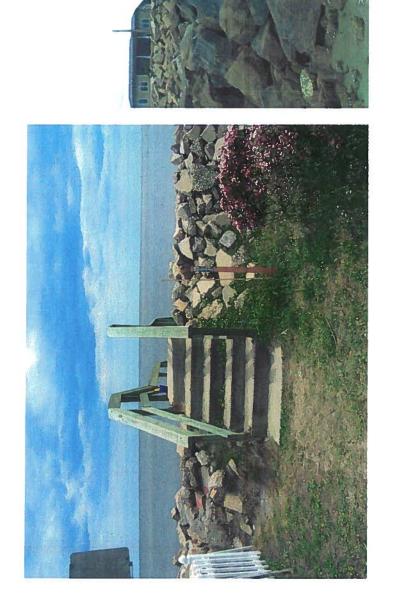
Beach Access #17 3rd Street





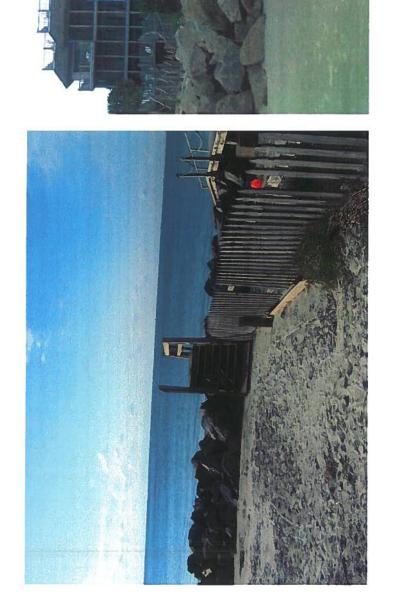
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Beach Access #18 2nd Street



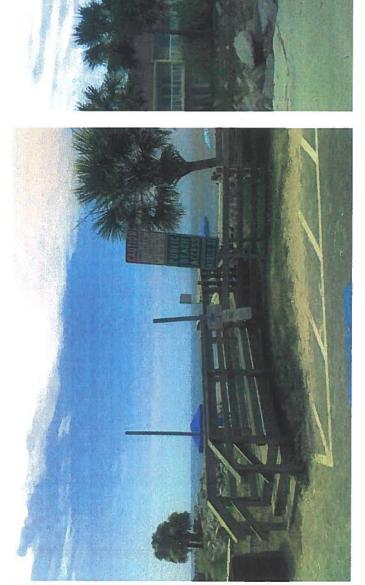
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Beach Access #19 1st Street



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Beach Access #20 Myrtle Street

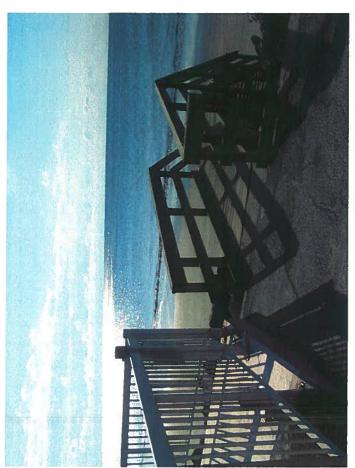




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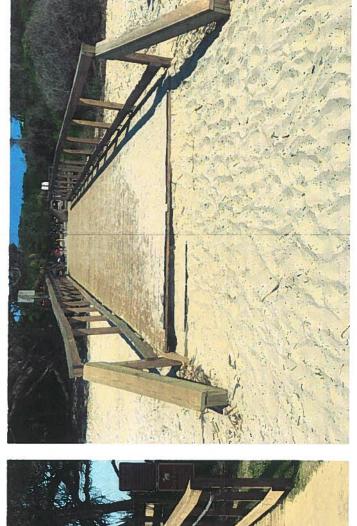
Beach Access #22 Neptune Road





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Beach Access #24 Massengale Park

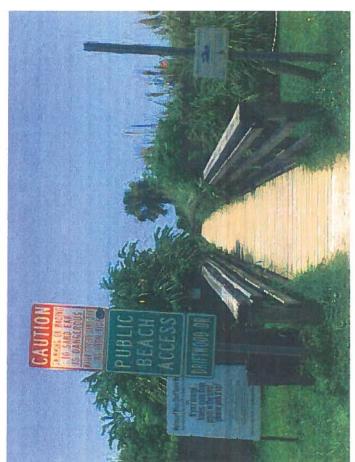




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Beach Access #25 Driftwood Drive





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Beach Access #26 Olive Way



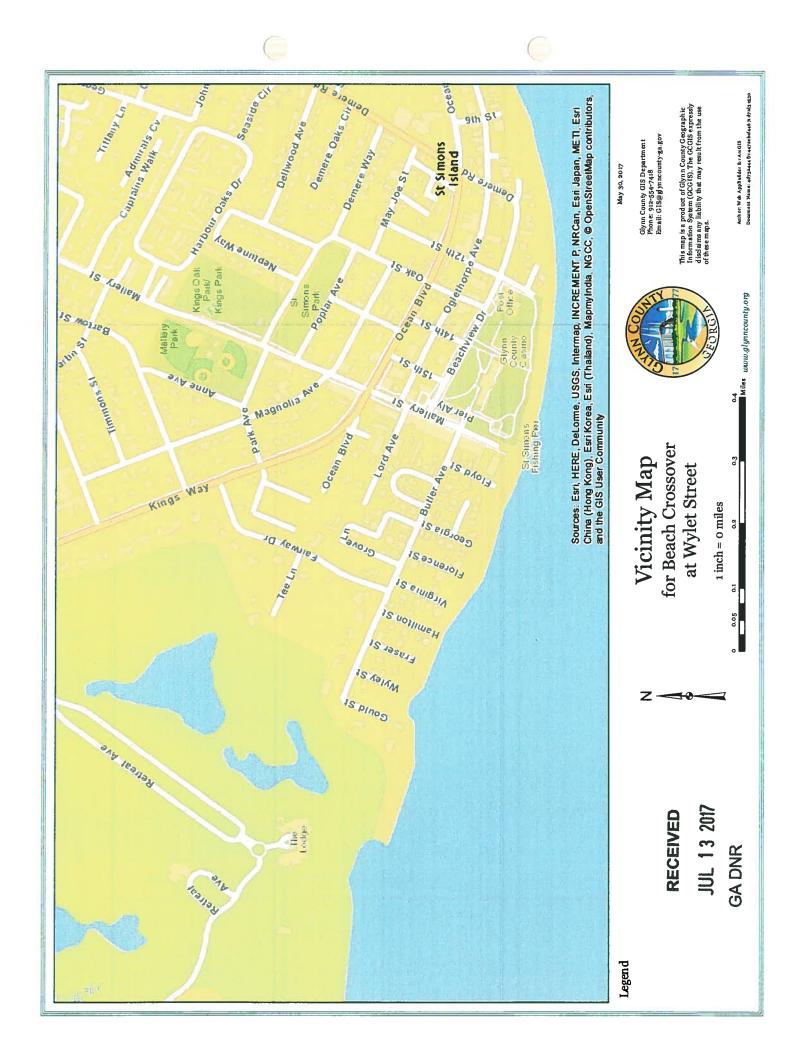
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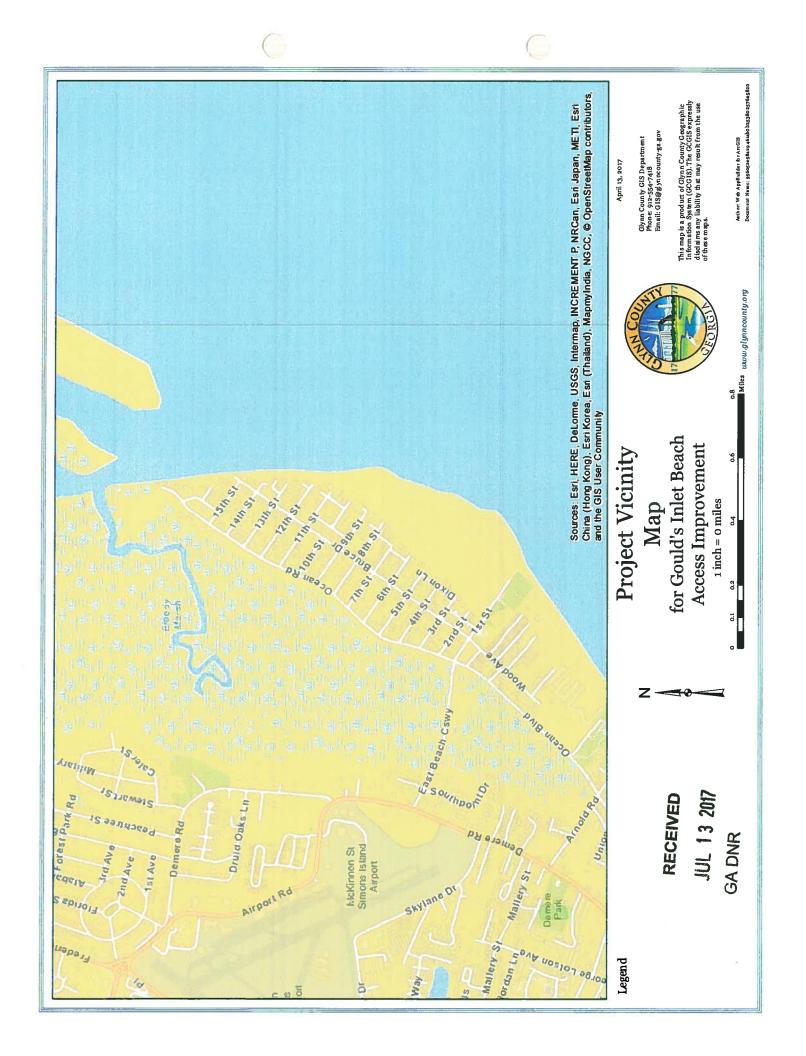
Beach Access #27 Coast Guard Station



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VICINITY MAPS AND DIRECTIONS TO SITES

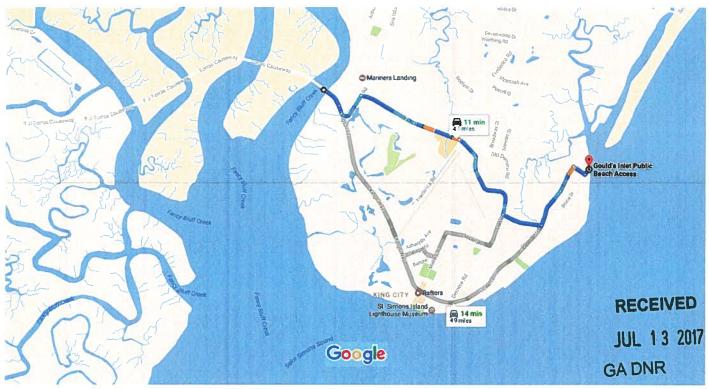




Google Maps

31.1671281, -81.4124514 to Gould's Inlet Public **Beach Access**

Drive 4.1 miles, 11 min



Map data ©2017 Google 2000 ft L

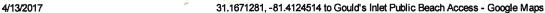
31.1671281, -81.4124514

Take Demere Rd and Ocean Rd to 14th St in Saint Simons Island

•	-	Lload south aget on Tarres Couseway toward Vasht Cir	10 min (3.9 mi)
11	1.	Head southeast on Torras Causeway toward Yacht Cir	0.2 mi
.,1	2.	Continue onto Kings Way	0.211
5	3.	Slight left onto Sea Island Rd	463 ft
L+	4.	Turn right onto Demere Rd	0.3 mi
•	5.	At the traffic circle, take the 2nd exit and stay on Demere Rd	1.1 mi
7	6.	Turn left onto E Beach Causeway	1.0 mi
7	7.	Turn left onto Ocean Rd	0.4 mi
			0.7 mi

Continue on 14th St. Drive to Bruce Dr

1 min (0.2 mi)





8. Turn right onto 14th St

0.1 mi

9. Turn left onto Bruce Dr

• Destination will be on the right

367 ft

Gould's Inlet Public Beach Access

2300 Bruce Dr, Saint Simons Island, GA 31522

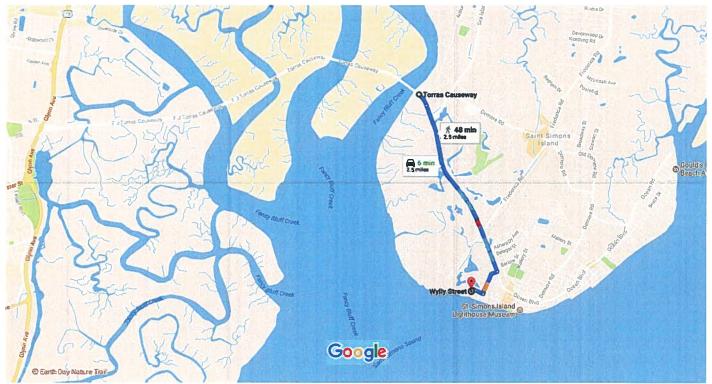
These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

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Google Maps

Torras Causeway, Saint Simons Island, GA 31522 to Wylly St, Saint Simons Island, GA 31522

Drive 2.5 miles, 6 min



Map data ©2017 Google 2000 ft L

Torras Causeway

Saint Simons Island, GA 31522

1. He	ead southeast on	Torras Causewa	y toward Yacht Cir
-------	------------------	----------------	--------------------

Continue onto Kings Way

Turn right onto Fairway Dr

Turn right onto Butler Ave

Turn left onto Wylly St

1.9 mi

0.1 mi

0.3 mi

0.1 mi

141 ft

Wylly St

Saint Simons Island, GA 31522

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

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HURRICANE DESIGN STANDARD CERTIFICATIONS



GLYNN COUNTY PUBLIC WORKS DEPARTMENT

4145 Norwich Street - Brunswick, Georgia 31520

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

www.glynncounty.org

Wyley Street Beach Crossover St. Simons Island, Glynn County

On behalf of Glynn County I, Ben Pierce, have reviewed this project and certify that this project has been designed to meet hurricane-resistant building standards. My Georgia Professional Engineering license number is 039249.

iera 7-12-17

Ben Pierce, PE

Roads and Drainage Division Manager



GLYNN COUNTY PUBLIC WORKS DEPARTMENT

4145 Norwich Street - Brunswick, Georgia 31520

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

www.glynncounty.org

Gould's Inlet Pier Extension
St. Simons Island, Glynn County

On behalf of Glynn County I, Ben Pierce, have reviewed this project and certify that this project has been designed to meet hurricane-resistant building standards. My Georgia Professional Engineering license number is 039249.

4-25-17

Ben Pierce, PE

Roads and Drainage Division Manager

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ZONING LETTERS



COMMUNITY DEVELOPMENT DEPARTMENT

1725 Reynolds Street, Second Floor, Brunswick, OA 31520

April, 19 2017

Mrs. Skye Stockel
Permit Coordinator
GA DNR/Coastal Resources Division
1 Conservation Way
Brunswick, GA 31520

Zoning Certification for the Gould's Inlet Beach Crossover project

Dear Mrs. Stockel,

The Gould's Inlet Beach Crossover project is located at Gould's Inlet on St. Simons Island. This property has a zoning designation that permits park and recreation in the area. The proposed project does not violate Glynn County's Zoning Ordinance.

If you have any questions please call 912-554-7428

Sincerely,

Pamela Thompson

Director of Community Development

amela Thompron



COMMUNITY DEVELOPMENT DEPARTMENT

1725 Reynolds Street, Second Floor, Brunswick, GA 31520

July, 10 2017

Mrs. Skye Stockel
Permit Coordinator
GA DNR/Coastal Resources Division
1 Conservation Way
Brunswick, GA 31520

Zoning Certification for a Wooden Beach Crossover at Wyley Street

Dear Mrs. Stockel,

The Wyley Street Beach Crossover project is located at the end of Wyley Street on St. Simons Island. This property has a zoning designation that permits park and recreation in the area. The proposed project does not violate Glynn County's Zoning Ordinance.

If you have any questions please call 912-554-7428

Sincerely,

Pamela Thompson

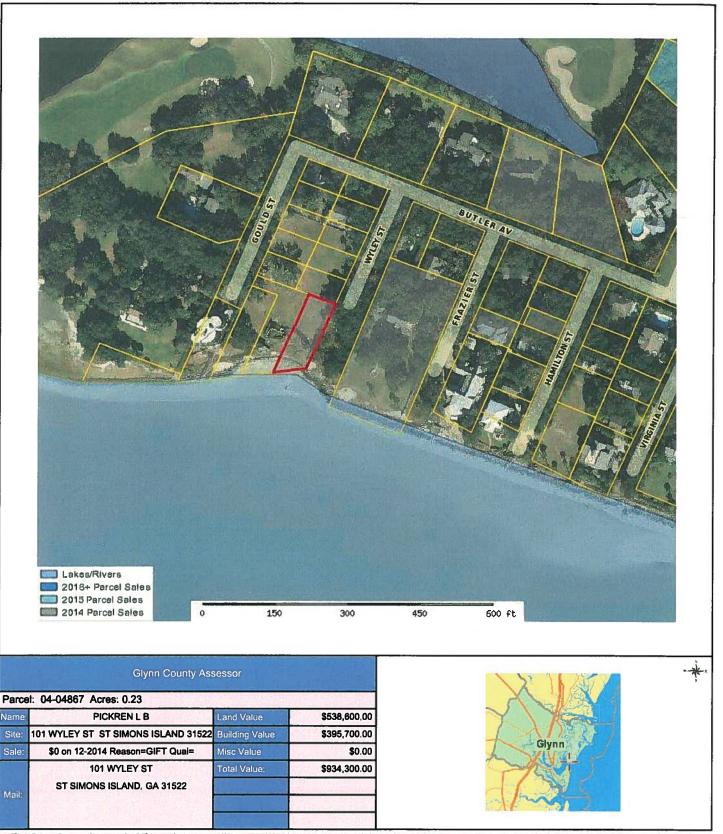
Director of Community Development

amela Thompson



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Date printed: 07/24/17: 09:38:55



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Date printed: 07/24/17: 09:39:11



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