



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

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GOVERNOR

DIVISION OF HIGHWAYS  
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May 4, 1993

MEMORANDUM TO: Calvin W. Leggett, P.E.  
Manager, Program Development Branch.

FROM: Whitmel H. Webb III, P.E. *Whitmel H. Webb III*  
Head of Feasibility Studies

SUBJECT: Proposed widening and construction of  
SR 1163 (Old Georgetown Road Extension)  
in Brunswick County, FS 09-93-011

The subject project encompasses widening SR 1163 (Old Georgetown Road) from the intersection of SR 1163, SR 1164, and NC 179 to NC 904 and extending SR 1163 from NC 904 to NC 179. See Figure 1. The project length is approximately 9.0 miles. The total cost is \$12,100,000 (\$3,900,000 for right-of-way and \$8,200,000 for construction). This project may require the relocation of 15 residences and 1 business.

The existing roadway is split into the following sections:

Section 1 extends from SR 1163, SR 1164, and NC 179 to NC 904, a distance of approximately 3.8 miles. This section is a two-lane, 20-foot pavement with variable shoulder width on 60 foot right-of-way, and no control of access. Land use along this section is primarily golf courses and residential.

Section 2 extends from NC 904 to SR 1184, a length of approximately 2.8 miles. This segment consists of an unimproved soil roadway. Land use along this segment is predominantly rural residential and undeveloped.

It is recommended that SR 1163 be improved or extended in three sections, as follows:

Section 1 has the termini described above. The recommendation for this segment consists of widening the pavement to a typical cross-section of a two-lane, 24-foot roadway with 8-foot shoulders (including 4-foot paved shoulders) on a 100 foot wide right-of-way without access control. This will likely require one business relocation. The estimated cost of this section is \$4,300,000 (\$1,900,000 for right-of-way and \$2,400,000 for construction).

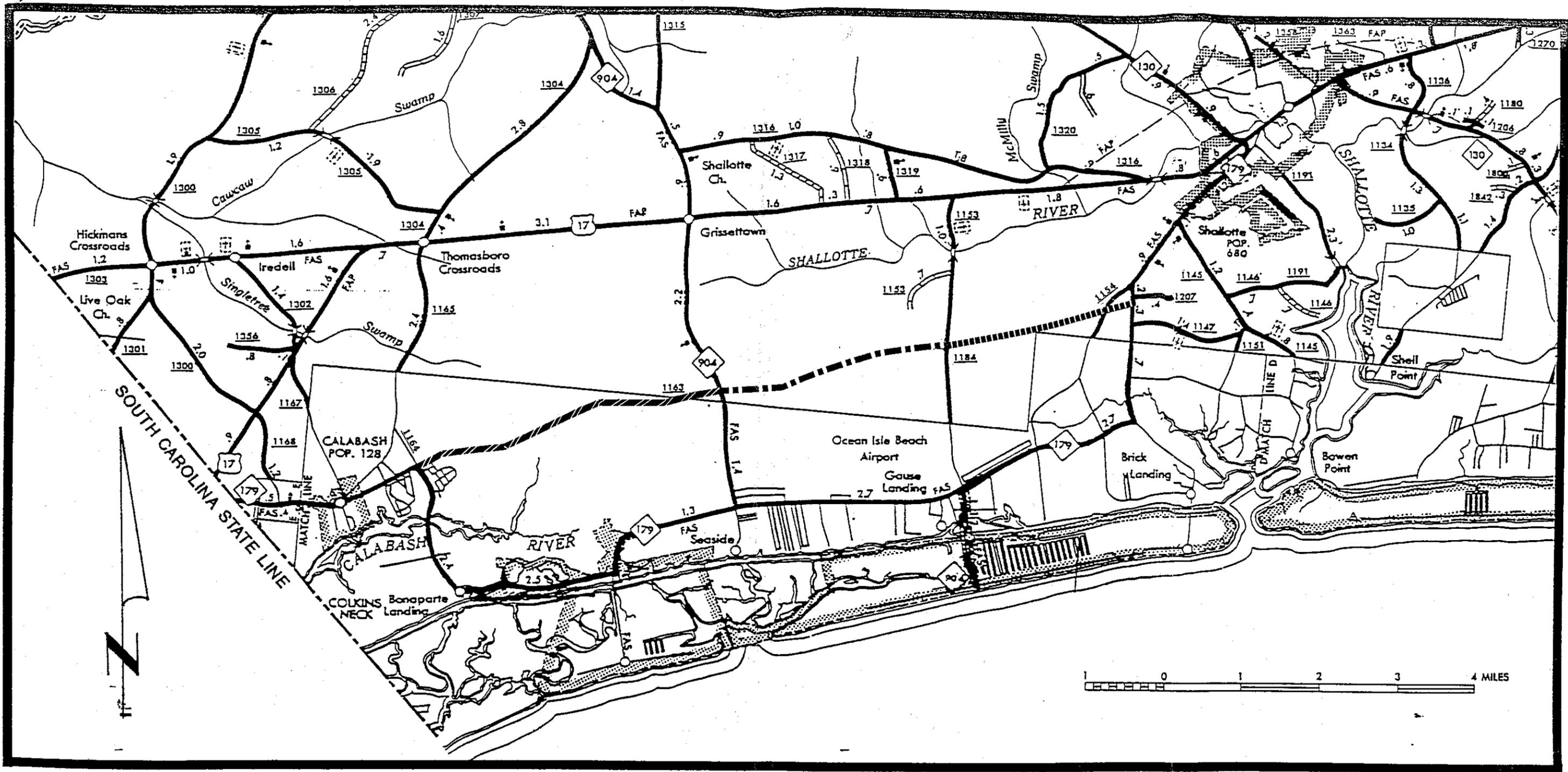


Section 2, as described above, consists of paving and widening the existing soil roadway to a typical cross-section of a two-lane, 24-foot roadway with 8-foot shoulders (including 4-foot paved shoulders) on a 150 foot wide right-of-way without access control. This will likely require 15 residential relocations. The estimated cost of this section is \$4,100,000 (\$1,300,000 for right-of-way and \$2,800,000 for construction).

Section 3 extends on new location from SR 1184 to NC 179, a length of approximately 2.4 miles. This section consists of construction on new location with the typical cross-section as a two-lane, 24-foot roadway with 8-foot shoulders (including 4-foot paved shoulders) on a 150 foot wide right-of-way without access control. No relocations will likely be required. The proposed roadway in this section is projected to intersect NC 179 approximately 0.1 mile south of the SR 1154/NC 179 intersection (see Figure 1). The estimated cost of this section is \$3,700,000 (\$700,000 for right-of-way and \$3,000,000 for construction).

Provision for bicycles is proposed for this project along with the possible relocation of an existing NC Bicycling Highway, the South Brunswick Islands Bicycling Route, (part of the Ports of Call Bicycle Route) from its existing location along NC 179 to SR 1163. This possibility has been discussed with the NCDOT's Bicycle Program.

This project may require a Section 404 Corps of Engineers Permit. No historical or architecturally significant sites are known to be in the vicinity of the proposed project.



LEGEND	
	SECTION 1
	SECTION 2
	SECTION 3

FEASIBILITY STUDIES UNIT

**FS 09-93-011**

SR 1163(OLD GEORGETOWN RD)  
PROPOSED WIDENING AND NEW CONSTRUCTION  
FROM NC 179/SR 1164 TO NC 179

BRUNSWICK COUNTY

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DIVISION 3
FIGURE 1