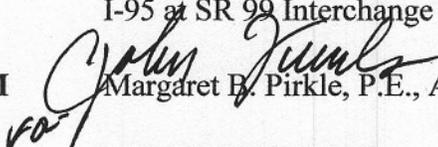


D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** NHS-0001-00(585) Glynn County **OFFICE** Preconstruction  
P. I. No. 0001585  
I-95 at SR 99 Interchange Reconstruction **DATE** March 9, 2005

**FROM**  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**TO** SEE DISTRIBUTION

**SUBJECT PROJECT CONCEPT REPORT APPROVAL**

Attached for your files is the approval for subject project.

MBP/cj

Attachment

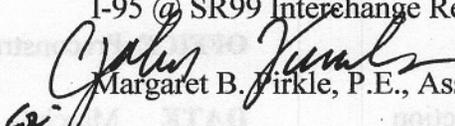
**DISTRIBUTION:**

- David Mulling
- Harvey Keeper
- Ken Thompson
- Jamie Simpson
- Michael Henry
- Keith Golden
- Joe Palladi (file copy)
- Paul Liles
- Babs Abubakari
- Brent Story
- Gary Priester
- BOARD MEMBER
- FHWA

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** NHS-0001-00(585) Glynn County **OFFICE** Preconstruction  
P.I. No. 0001585  
I-95 @ SR99 Interchange Reconstruction **DATE** December 2, 2004

**FROM**  Margaret B. Firkle, P.E., Assistant Director of Preconstruction

**TO** Paul V. Mullins, P.E., Chief Engineer

**SUBJECT** PROJECT CONCEPT REPORT

This project is the reconstruction and rehabilitation of the SR 99 interchange over I-95. The limits of the project begin just west of the interchange (MP 15.08) and extends eastward along SR 99 to the east side of the interchange (MP 16.23). This section of SR 99 will see a dramatic jump in traffic volume when the "Steam Boat City Theme Park" proposed along SR 99 between SR 25/US 17 and I-95 is opened for business in April 2006. The proposed theme park will also spur other commercial and residential activity in and around this area, resulting in a considerable increase in traffic volume. It is estimated that in the construction year (2007) AADT is expected to be 3250. The projected year (2027) AADT for this section of roadway is 17,500. Existing SR 99 is a two lane rural roadway (two 14' lanes) on variable 100' to 130' of existing right-of-way. The posted speed limit is 55 MPH. Accident analysis for years 1995, 1996, and 2000 accident and injury rates were higher than the statewide average for the same functionally classified routes.

The proposed construction will widen SR 99 to provide two, 12' through lanes and one 6.5' paved outside shoulder (4' bike lane) in each direction, separated by a variable (20' to 32') raised median. Six lanes will be required across the proposed bridge (two eastbound through lanes, one eastbound left turn lane, one westbound left turn lane, and two westbound through lanes) with left turn lanes separated by a 8' raised concrete median, 4' bike lane, and 6' sidewalks. The ramps will be reconstructed/realigned and vary in width from 16' to 28' to accommodate turning lanes at the ramp termini. The existing bridge on SR 99 over I-95 will be replaced with a new 430' x 106.42' bridge with horizontal clearances that will not preclude future improvements to I-95. Traffic will be maintained via staged construction.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion will be prepared; a public hearing open house has been held; time saving procedures are not appropriate.

NHS-0001-00(585) Glynn

December 2, 2004

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$10,248,000	\$10,248,000	Q05	2007
Right-of-Way	\$ 200,000	\$ 200,000	Q05	2006
Utilities*	-0-	-0-		

\*LGPA to be sent.

The proposed project will improve traffic safety and operations in the I-95 interchange area. This project **must** be constructed before or in conjunction with project NH-IM-95-1(117, P.I. No. 511100, due to the substandard horizontal and vertical clearances of the existing SR 99 overpass.

I recommend this project concept be approved.

MBP:JDQ/cj

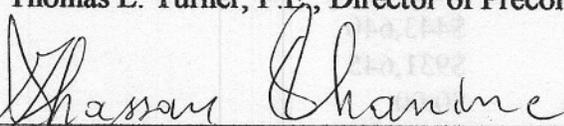
Attachment

CONCUR



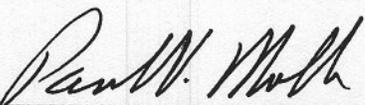
Thomas L. Turner, P.E., Director of Preconstruction

APPROVE



FSR: Robert M. Callan, Administrator, FHWA

APPROVE



Paul V. Mullins, P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENTAL CORRESPONDENCE**

**FILE:** NHS-0001-00(585) Glynn **OFFICE:** Engineering Services  
P.I. No.: 0001585  
I-95/S.R. 99 Interchange widening/reconstruction

**DATE:** November 17, 2004

**FROM:** David Mulling, Project Review Engineer *REW*

**TO:** Meg Pirkle, Assistant Director of Preconstruction

**SUBJECT: CONCEPT REPORT**

We have reviewed the Concept Report submitted November 17, 2004 by the letter from Gerald Ross dated November 16, 2004, and have no additional comments.

The costs for this project are:

Construction	\$8,872,775
Inflation	\$443,640
E&C	\$931,645
Reimbursable Utilities	\$0.00
Right of Way	\$200,000

REW

c: Gerald Ross, Attn.: Jim Simpson

## SCORING RESULTS AS PER MOG 2440-2

<b>Project Number:</b> NHS-0001-00(585)		<b>County:</b> Glynn		<b>PI No.:</b> 0001585		
<b>Report Date:</b> November 15, 2004		<b>Concept By:</b> DOT Office: Road Design				
<input checked="" type="checkbox"/> Concept Stage		Consultant: N/A				
<b>Project Type:</b> Choose One From Each Column		<input checked="" type="checkbox"/> Major <input type="checkbox"/> Minor		<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural		<input type="checkbox"/> ATMS
						<input type="checkbox"/> Bridge Replacement
						<input type="checkbox"/> Building
						<input checked="" type="checkbox"/> Interchange Reconstruction
						<input type="checkbox"/> Intersection Improvement
						<input type="checkbox"/> Interstate
						<input type="checkbox"/> New Location
						<input type="checkbox"/> Widening & Reconstruction
						<input type="checkbox"/> Miscellaneous
FOCUS AREAS	SCORE	RESULTS				
Presentation	100					
Judgment	100					
Environmental	100					
Right of Way	100					
Utility	100					
Constructability	100					
Schedule	100					

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE:** NHS-0001-00 (585) Glynn County  
P.I. No. 0001585

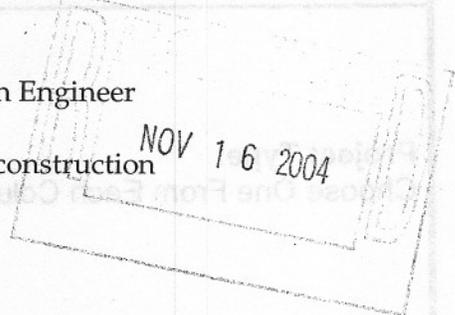
**OFFICE:** Road Design

**DATE:** November 16, 2004

**FROM:** *Gerald M. Ross*  
Gerald M. Ross, P.E., State Road & Airport Design Engineer

**TO:** Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**SUBJECT:** Project Concept Report



Attached is the original copy of the Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

*mss*  
GMR:JSS:DSP:ss

Attachments

cc: David Mulling, Project Review Engineer, w/att.  
Harvey Kepler, State Environmental/Location Engineer, w/att.  
Phillip Allen, State Traffic Safety & Design Engineer, w/att.  
Joe Palladi, State Transportation Planning Administrator, w/att.  
Jamie Simpson, State Financial Management Administrator, w/att.  
Gary Priester, District 5 Engineer, w/att.  
Paul Liles, State Bridge Design Engineer, w/att.

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Office of Road Design

I-95 Interchange reconstruction and bridge replacement at SR 99/Grants Ferry Rd

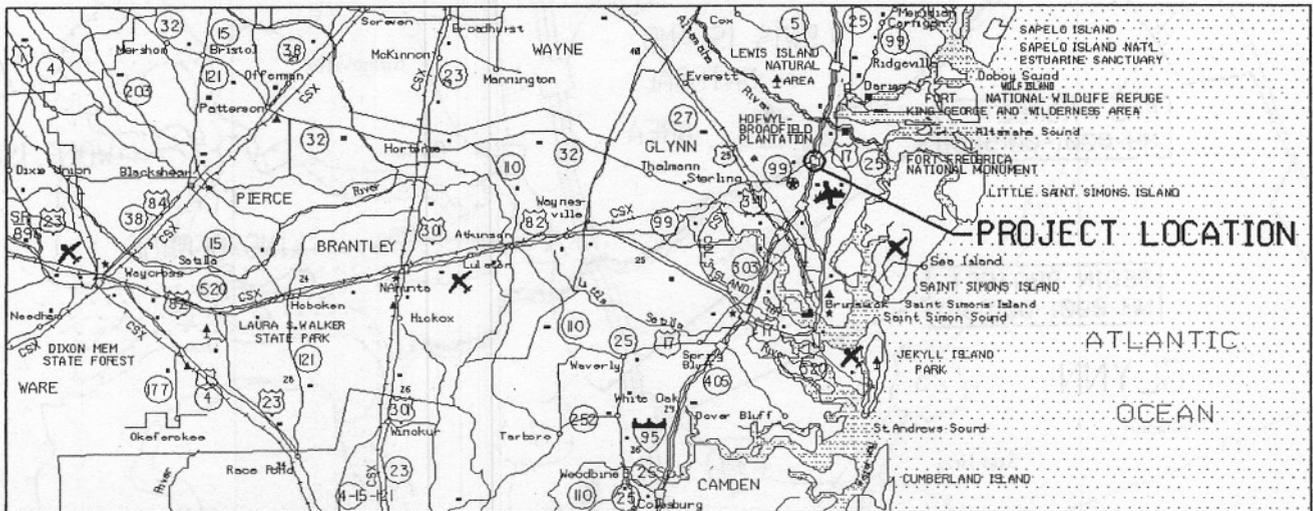
Project Number: NHS-0001-00(585)

County: Glynn

P. I. Number: 0001585

Federal Route Number: N/A

State Route Number: 99



Recommendation for approval:

DATE 11/15/2004

DATE 11/15/2004

James S. Aprior Jr.  
Project Manager  
Gerald M. Ross MBA  
Office Head/District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Program (RTP) and/or the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environment/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

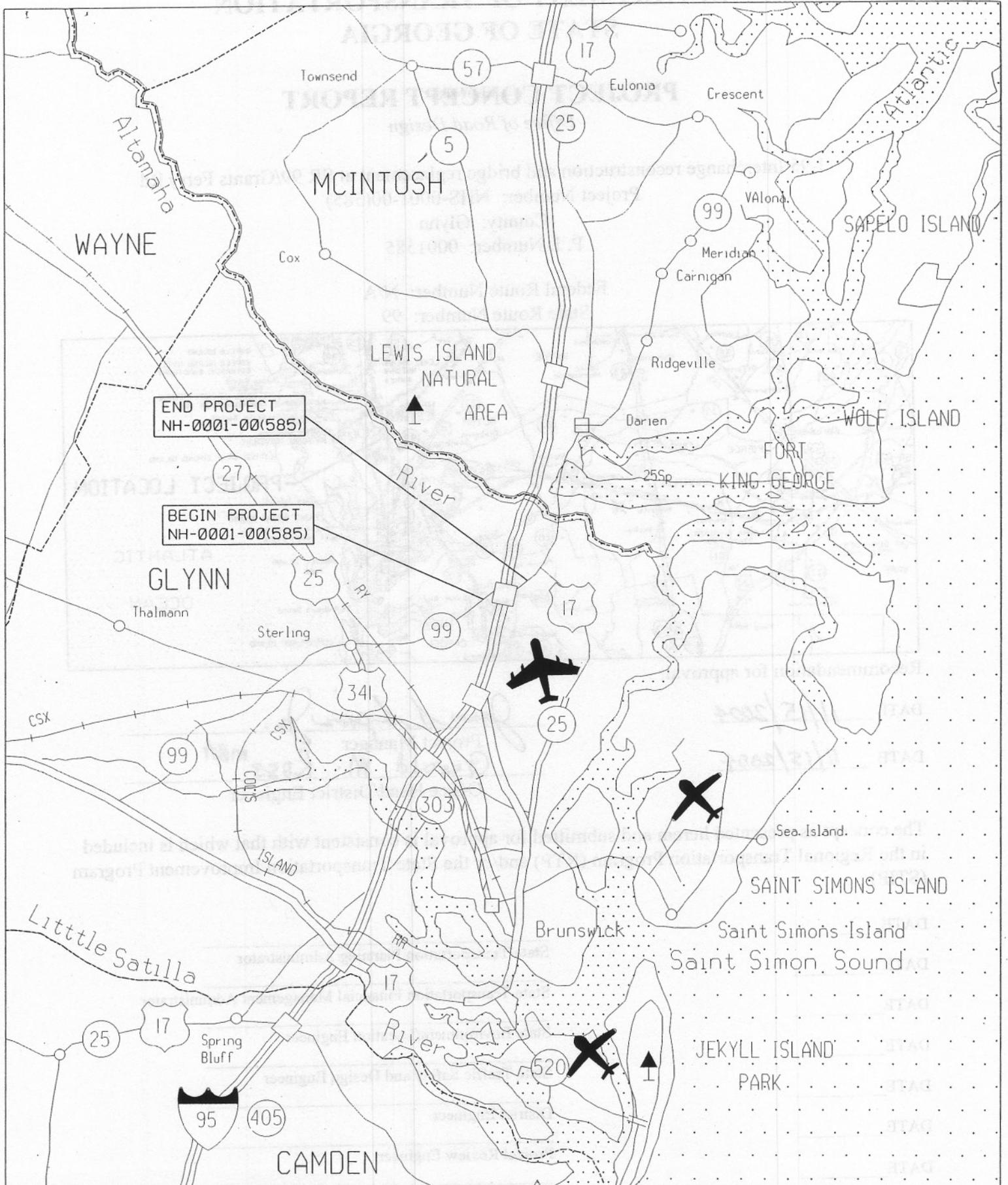
\_\_\_\_\_  
District Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge/Structural Design Engineer



LOCATION MAP

**Need and Purpose:** See attached Need & Purpose Statement

**Description of the proposed project:**

This project is located in northwestern Glynn County, and consists of the widening, reconstruction, and bridge replacement of SR 99 at the I-95 Interchange for a total project length of 1.15 miles. It begins just west of the interchange (MP 15.08) where it ties to the existing SR 99 mainline and extends to the east side of the interchange (MP 16.23) where it ties to the existing SR 99 mainline. This project will widen to the north the existing two-lanes of the SR 99 mainline to four lanes with a variable width raised median. It will also replace the existing two-lane SR 99 overpass bridge with four through lanes and two designated left turn lanes with an 8-ft wide raised median. The new bridge will also include a 4-ft wide bike lane in each direction and a 6-ft wide sidewalk to accommodate pedestrian traffic generated from the development of the proposed Steamboat City Theme Park just east of the Interchange. Also, the ramps at this Interchange will be widened and reconstructed to accommodate the projected traffic volumes anticipated from the theme park.

**Is the project located in a Non-attainment area?** .....Yes .....X.No.

**PDP Classification:** Major X Minor \_\_\_\_\_

**Federal Oversight:** Full Oversight (X), Exempt( ), State Funded( ), or Other ( )

**Functional Classification:** Rural Collector (SR 99)

**U. S. Route Number(s):** N/A **State Route Number(s):** SR 99

**Traffic (AADT):**

Current Year: (2007) 6500 Design Year: (2027) 35000

**Existing design features on SR 99**

- Typical Section:
  - Two 14-ft lanes
  - Rural shoulders
- Posted speed 55 mph Maximum degree of curvature: 4.00
- Maximum grade: 4%
- Width of right-of-way: Varies (100 to 130 ft)
- Major structures:
  - 290 ft X 34.6 ft two-lane bridge over I-95  
Structure ID: 127-0039-0 Suff. Rating: 77.56
- Major interchanges or intersections along the project: I-95 Interchange
- Existing length of roadway segment and the beginning mile logs for each county segment:  
1.15 miles; Mile logs 15.08 to 16.23 (Glynn Co.)

### Proposed Design Features:

- Proposed typical section(s):
  - Milepost 15.19 to 15.44 and 15.78 to 16.00
    - Four 12-ft lanes (two in each direction) with a 12-ft right turn lane beginning at Milepost 15.28 (eastbound) and Milepost 15.93 (westbound)
    - Variable width raised median (20 to 32 ft)
    - 6.5 ft outside paved shoulders (with 4.17 ft bike lane)
  - Milepost 15.44 to 15.78
    - Six 12-ft lanes: two through lanes; one left turn lane for eastbound traffic turning onto I-95 North and dual left turns for westbound traffic turning onto I-95 South \*
    - 8-ft raised median
    - 6.5 ft outside paved shoulders (with 4-ft bike lane)
  - Milepost 15.08 to 15.19 and 16.00 to 16.23
    - Transition from proposed four 12-ft lanes with 20 ft raised median to existing two lane, two way traffic of SR 99
- Proposed Design Speed Mainline: 45 mph
- Proposed Maximum grade Mainline: 4.00%                      Maximum grade allowable: 7.00%
- Proposed Maximum grade Side Street: 3.48%                      Maximum grade allowable: 9.00%
- Proposed Maximum grade driveway: N/A
- Proposed Maximum degree of curve: 5.00                      Maximum degree allowable: 9.55
- Right-of-Way
  - Width 220 ft
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Along the ramps at the SR 99 Interchange the Right-of-Way will be classified as full access control. Along SR 99 (beyond the Limited Access Control stations) permits will be required for access control.
  - Number of parcels: 4    Number of displacements: 0  
The required Right-of-Way consists of residential/commercial acreage. Additional Right-of-Way costs are required for miscellaneous site improvements.
- Structures:
  - 430 ft X 106.42 ft six-lane bridge over I-95 – consists of a 4-ft wide bike lane and urban shoulders that include a 6-ft wide sidewalk
- Major intersections and interchanges: Significant I-95 Interchange improvements are expected for this project. All four ramps at the I-95/SR 99 Interchange will be designed and constructed to meet current design standards. Both exit ramps from northbound and southbound lanes of I-95 will consist of four, 12-ft lanes with a lane configuration of dual lefts and dual rights at their intersection with SR 99. Both entrance ramps to northbound and southbound lanes of I-95 consist of one, 16-ft lane with a 12-ft acceleration lane that merges before the tapered approach lane to I-95.
- Traffic control during construction:  
Traffic to be maintained on existing roadways during construction

\* ONE LEFT TURN LANE ON BRIDGE - TRANSITIONS TO DUAL LEFT TURN AFTER BRIDGE  
SEE ATTACHED SKETCH

• Design Exceptions to controlling criteria anticipated:

	UNDETERMINED	YES	NO
HORIZONTAL ALIGNMENT:	( )	( )	(X)
ROADWAY WIDTH:	( )	( )	(X)
SHOULDER WIDTH:	( )	( )	(X)
VERTICAL GRADES:	( )	( )	(X)
CROSS SLOPES:	( )	( )	(X)
STOPPING SIGHT DISTANCE:	( )	( )	(X)
SUPERELEVATION RATES:	( )	( )	(X)
HORIZONTAL CLEARANCE:	( )	( )	(X)
SPEED DESIGN:	( )	( )	(X)
VERTICAL CLEARANCE:	( )	( )	(X)
BRIDGE WIDTH:	( )	( )	(X)
BRIDGE STRUCTURAL CAPACITY:	( )	( )	(X)

- Project responsibilities:
- Design: Georgia DOT
  - Right-of-Way Acquisition: Georgia DOT
  - Relocation of Utilities: None
  - Letting to contract: Georgia DOT
  - Supervision of construction: Georgia DOT
  - Providing material bids: Contractor
  - Providing detours: NA

- Comments:
- Concept meeting date and brief summary. Minutes attached.
  - Public involvement (P.L.M. held on April 6, 2005 in conjunction with project STP-0000-000422, P.L. No. 0000422)
  - Local government comments (None)
  - Other projects in the area: NH-IM-92-1(117) P.L. No. 211100 (Widening off-ramp North of US 341 SR 25 Spur to north of Alabama River) STP-0000-000422, P.L. No. 0000422
  - (Widening and reconstruction of SR 99 from I-95 to US 171 SR 25)

Project Concept Report page 6  
Project Number: NHS-0001-00(585)  
P. I. Number: 0001585  
County: Glynn

- Design Variances (*None expected*).
- Environmental concerns (*To be determined*).
- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes ( ), No (x),
  - Categorical exclusion (*anticipated*),
  - Environmental Assessment/Finding of No Significant Impact (FONSI) ( ), or
  - Environmental Impact Statement (EIS) ( ).
- Utility involvements: Utility relocation costs to the Department are not anticipated. Utilities found to be located within the project limits are the following: Darien Telephone (telephone); Bellsouth (telephone); and Glynn County Water & Sewer (water & sewer).

**Project responsibilities:**

- Design: Georgia DOT
- Right-of-Way Acquisition: Georgia DOT
- Relocation of Utilities: None
- Letting to contract: Georgia DOT
- Supervision of construction: Georgia DOT
- Providing material pits: Contractor
- Providing detours: N/A

**Coordination**

- Concept meeting date and brief summary. Minutes attached.
- Public involvement. (P.I.M. held on April 6, 2004 in conjunction with project STP-0000-00(422), P.I. No. 0000422)
- Local government comments. (None)
- Other projects in the area: NH-IM-95-1(117), P.I. No. 511100 (Widening of I-95 North of US 341/SR 25 Spur to North of Altamaha River); STP-0000-00(422), P.I. No. 0000422 (Widening and reconstruction of SR 99 from I-95 to US 17/SR 25).

Project Concept Report page 7  
Project Number: NHS-0001-00(585)  
P. I. Number: 0001585  
County: Glynn

**Scheduling – Responsible Parties' Estimate**

- Time to complete the environmental process: 6 Months.
- Time to complete preliminary construction plans: 8 Months.
- Time to complete right-of-way plans: 2 Months.
- Time to complete the Section 404 Permit: 12 Months.
- Time to complete final construction plans: 6 Months.
- Time to complete to purchase right-of-way: 6 Months.

**Other alternates considered:** No build.

**Comments:** This project must be constructed before or in conjunction with NH-IM-95-1(117), P.I. No. 511100, due to the substandard horizontal and vertical clearances of the existing SR 99 Overpass at I-95.

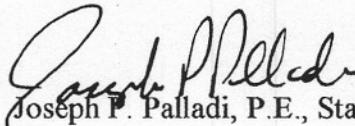
**Attachments:**

1. Cost Estimates:
  - a. Construction including E&C,
  - b. Right-of-Way, and
  - c. Utilities.
2. Sketch location map,
3. Typical sections,
4. Accident summaries,
5. Bridge inventory,
6. Minutes of Concept Team Meeting

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** NHI-0001-00(585)), Glynn **OFFICE** Planning  
P.I. 0001585  
**DATE** April 12, 2004

**FROM**   
Joseph P. Palladi, P.E., State Transportation Planning Administrator

**TO** Gerald M. Ross, P.E., State Urban Design Engineer  
Attn.: Jim Simpson

**SUBJECT** Need and Purpose Statement – Glynn County, NHI-0001-00(585)

As requested, please find the attached Need and Purpose Statement for the proposed widening and reconstruction of SR 99 / I – 95 Interchange in Glynn County.

If you have any questions, please contact Shahid Sayed at (404)657-6911.

JPP: SPS

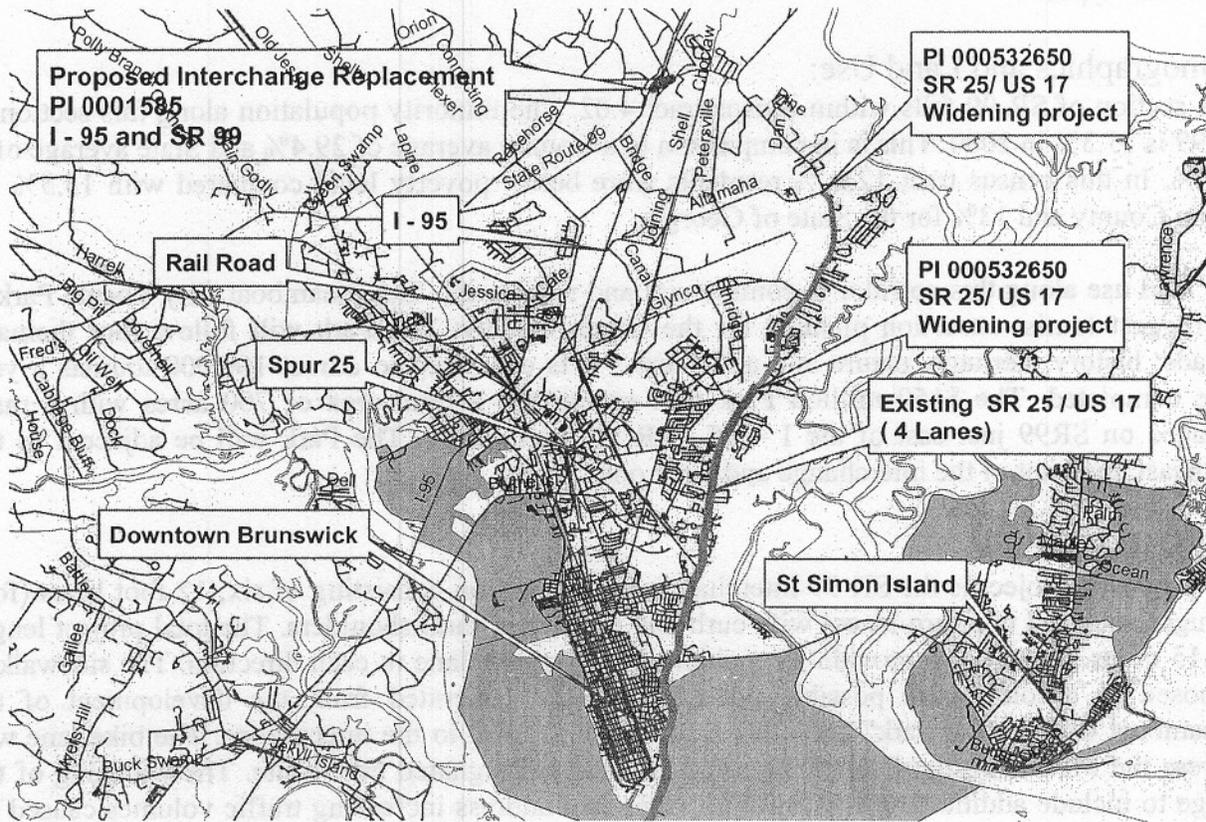
Attachment

# Need and Purpose Statement

NH-0001-00(585), Glynn County

PI No 0001585, SR 99

(Widening, reconstruction, and bridge replacement  
Of SR 99 at I - 95 interchange)



## Existing Conditions:

The section of SR 99 as it crosses over I - 95 interchange, is functionally classified as a Rural Major Collector. This section of SR 99 is not on the GDOT designated Statewide Bicycle and Pedestrian Plan. Glynn County is in the process of designating this section of SR 99, between SR 25 / US 17 and Spur 25 extension, as a Brunswick MPO designated local Bicycle and Pedestrian Route. The speed limit along this section of SR 99 is 55 mph. All existing ramps at the interchange consists of one, 16 foot lane with a 6-foot inside rural shoulder and 8-foot outside rural shoulder.

This section will see a dramatic jump in the traffic volume when the "Steam Boat City Theme Park" proposed along SR 99 between SR 25/US 17 and I - 95 is opened for business in April 2006. The proposed Theme Park would also spur other commercial and residential activity in and around this area, resulting in a considerable increase in traffic volume.

The Average Daily Traffic (AADT) along this section of roadways for the year 2002 is 3000 vehicles, with a Level of Service of "A". It is estimated that the construction year (2007) AADT is expected to be 3250 vehicles resulting in a Level of Service of "B". The projected year (2027) AADT for this section of roadway is 17,500 vehicles which will result in a level of service of "E"; this is consistent with projections from the Metropolitan Planning Organization's travel demand model. In the years 1995, 1996, 1997, 2000, 2001, 2002 there were a total of 17 accidents on this section of SR 99 (TC 185), with 15 injuries and no fatalities. In the years 1995, 1996 and 2000

accident and injury rates were higher than the State average for the same functionally classified routes. Of the majority of accidents, 58% were “not a collision with a motor vehicle” and 35% were “rear end” types.

**Demographics and Land Use:**

This section of SR 99 falls within census tract 4.02. The minority population along this section of SR 99 is 17.3% in 2000. This is in comparison to a County average of 29.4% and State average of 34.9%. In this census tract 12.2 % residents were below poverty level compared with 15.5% for Glynn County and 13% for the State of Georgia.

The land use along this corridor is commercial and residential. The Steamboat City Theme Park is the biggest tourist attraction planned for the Glynn County. The Park will follow four thematic threads: history, heritage, nature and adventure. It is estimated to attract 100,000 tourists a year once completed. The \$150 million Park will encompass a total area of 700 acres with a main entrance on SR99 just east of the I – 95 / SR 99 interchange. The Park will be adjacent to the southeast quadrant of the interchange and front onto SR 99.

**Project Description:**

The proposed project is the SR 99 interchange reconstruction consisting of six, 12 foot lanes (four through lanes and two turn lanes) with curb and gutter and rural shoulders. The total project length is 1.15 miles. It will also provide for a sidewalk and a bike lane in each direction. The sidewalk is proposed to accommodate possible pedestrian traffic generated from the development of the “Steamboat City Theme Park” and other developments local to the interchange. The bike lane will address the MPO’s designation of the route as locally designated bike route. The widening of the bridge to include additional travel and turn lanes will address increasing traffic volumes caused by new developments.

**Projects in the area:**

The following projects are programmed in and around the location of SR 99 and I – 95 interchange.

<b>PI Number</b>	<b>Project Description</b>	<b>Project Schedule</b>
0000421	SR 25 Spur from Cate Road along Canal Road ( CR 588) to SR 99	PE – 2003 ROW – Local CST – LR
0000422	SR 99/Grant Ferry Road from East of I-95 to SR 25/US 17	PE – 2001 ROW – Local CST – LR
511100	I-95 From North of CSX RR to North of S Altamaha River ;EXC SR 99 INT	PE – 93 ROW – 2004 ( 2006) CST – 2010 (2007)
532650	SR 25 / US 17 from Yacht Drive to Harry Driggers Blvd - Widening	PE – 2003 ROW – 2006 (2008) CST – 2009 ( 2012)
532655	SR 25/Ocean Highway @Thorn Hill Creek, 5 Miles north of Creek ( Bridge Replacement Project)	CST – 2009

**Logical Termini:**

This project is necessitated as a result of co-ordination with the adjacent SR 99 widening project (PI 0000422) to the east. The logical termini of this interchange project would be the limits of SR 99 widening to the east and interchange limits west of the bridge, which is where the traffic drops by approximately 35%.

**Project Need and Purpose**

Replacing this bridge will alleviate future congestion and increasing traffic volumes attributed to ongoing growth and developments, as well as the presence of soon to be constructed "Steam Boat City Theme Park" located immediately adjacent. In addition this interchange reconstruction will provide the required vertical and horizontal clearance for the I - 95 widening project (PI 511100) proposed for construction in 2007.

**PRELIMINARY COST ESTIMATE FOR NHS-0001-00(585),  
GLYNN COUNTY; P.I. NO. 0001585**

**1. MAJOR STRUCTURES**

**a. BRIDGES**

- |   |                       |
|---|-----------------------|
| 1. SR 99 Overpass (@ \$65/sq ft)<br>(L = 430.20 ft X W = 106.42 ft = 45,782 sq ft)                | <u>\$2,975,830.00</u> |
| 2. Removal of existing SR 99 Overpass (@ \$10/sq ft)<br>(L = 290 ft X W = 39.5 ft = 11,455 sq ft) | <u>\$114,550.00</u>   |

***SUBTOTAL*** **\$3,090,380.00**

**2. GRADING AND DRAINAGE**

**a. EARTHWORK**

- |  |                     |
|--|---------------------|
| 1. Mainline Unclass. Exca. 18955 cu yd X \$2.84/cu yd<br>(Unclass Excav)         | <u>\$53,835.00</u>  |
| 2. Mainline Borrow Exca. 62165 cu yd X \$5.29/cu yd<br>(Borrow Excav, Incl Matl) | <u>\$328,855.00</u> |
| 3. Ramp Unclass. Exca. 6000 cu yd X \$2.84/cu yd<br>(Unclass Excav)              | <u>\$17,040.00</u>  |
| 4. Ramp Borrow Exca. 23870 cu yd X \$5.29/cu yd<br>(Borrow Excav, Incl Matl)     | <u>\$126,275.00</u> |

**b. DRAINAGE**

Total Project length: 1.15 mi @ \$120,000/mi	<u>\$138,000.00</u>
--	---------------------

***SUBTOTAL*** **\$664,005.00**

**3. BASE AND PAVING**

**a. AGGREGATE BASE**

- |   |                     |
|---|---------------------|
| 1. Graded Aggregate Base 29585 tons X \$20.99/ton<br>(Graded Aggr Base CRS, 10 in, Incl Matl) | <u>\$620,990.00</u> |
| 2. Graded Aggregate Base 10125 tons X \$20.99/ton<br>(Graded Aggr Base CRS, 12 in, Incl Matl) | <u>\$212,525.00</u> |

**b. ASPHALT PAVING**

- |  |                     |
|--|---------------------|
| 1. Asph Conc Superpave 0.50' 5790 tons X \$49.04/ton | <u>\$283,945.00</u> |
| 2. Asph Conc Superpave 0.75" 8680 tons X \$45.35/ton | <u>\$393,640.00</u> |
| 3. Asph Conc Superpave 1.00" 7355 tons X \$42.54/ton | <u>\$312,885.00</u> |

**c. CONCRETE PAVEMENT**

10" Plain PC Conc Pvmt, 16220 sq yd X \$58.62/sq yd	<u>\$950,820.00</u>
---	---------------------

***SUBTOTAL*** **\$2,774,805.00**

#### 4. LUMP ITEMS

a. TRAFFIC CONTROL	<u>\$55,000.00</u>
b. CLEARING & GRUBBING	<u>\$809,765.00</u>
c. EROSION CONTROL	<u>\$400,000.00</u>
d. SIGNALIZATION	<u>\$130,000.00</u>
<b>SUBTOTAL</b>	<b><u>\$1,394,765.00</u></b>

#### 5. MISCELLANEOUS

a. LIGHTING	<u>\$350,000.00</u>
b. SIGNING & MARKING 1.15 mi X \$135,000/mi	<u>\$155,520.00</u>
c. GUARDRAIL	
TP W-Beam Grail 2730 ft X \$10.57/ft	<u>\$28,860.00</u>
TP T-Beam Grail 100 ft X \$23.71/ft	<u>\$2,375.00</u>
TP 1 Anchor 4 X \$408.67/ea	<u>\$1,635.00</u>
TP 12 Anchor 4 X \$1,340.91/ea	<u>\$5,365.00</u>
d. OTHER	
Field Engineer's Office, TP 3	<u>\$46,805.00</u>
PreCast Conc. Med Barrier, Method 3 1800 ft X \$28.01/ft	<u>\$50,420.00</u>
Conc Curb & Gutter, 6" X 24", TP 2 8700 ft X \$22.13/ft	<u>\$192,532.00</u>
Conc Curb & Gutter, 6" X 24", TP 7 8700 ft X \$10.60/ft	<u>\$92,220.00</u>
Conc Median, 6" 740 sq yd X \$31.20/sq yd	<u>\$23,088.00</u>
<b>SUBTOTAL</b>	<b><u>\$948,820.00</u></b>

**A. TOTAL COST** \$8,872,775.00

**INFLATION (5% PER YEAR)** \$443,640.00

**E. & C. (10%)** \$931,645.00

**TOTAL CONSTRUCTION COST** \$10,248,060.00

**B. RIGHT-OF-WAY** \$200,000.00

**TOTAL PROJECT COST** \$10,448,060.00

# Department of Transportation State of Georgia

## ----- Interdepartmental Correspondence

**FILE** R/W Cost Estimate **OFFICE** Atlanta  
**DATE** June 30, 2004

**FROM** Don Brown, Right of Way Administrator

**TO** Gerald M. Ross, P.E., State Road and Airport Design Engineer

**ATTN:** Jim Simpson or David Powell

**SUBJECT** **Preliminary Right of Way Cost Estimate**  
**Project: NHS-0001-00(585)Glynn**  
**PI. No.: 0001585**  
**Description: I-95 Interchange Reconstruction & Bridge Replacement at SR 99 / Grants Ferry Road**

As per your request, attached is a copy of the approved Revised Preliminary Right of Way Cost Estimate on the above referenced project.

Please note the area of Required R/W was furnished with your request.  
**Please include total Required R/W areas for the entire corridor in all future requests.**

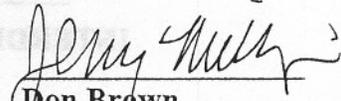
If you have any questions, please contact Jerry Milligan at the Chamblee Right of Way Office at (770) 986-1541.

DB:GAM:jm  
Attachments

c: David Mulling, Engineering Services  
Phil Copeland, R/W  
Windy Bickers, Financial Management  
File

444

# Preliminary Right of Way Cost Estimate

  
**Don Brown**  
 Right of Way Administrator  
 By: Jerry Milligan

**Date:** June 30, 2004  
**Project:** NHS-0001-00(585)Glynn  
**Existing/Required R/W:** Varies/Varies  
**Project Termini:** I-95 Interchange Reconstruction & Bridge Replacement @ SR 99  
**Project Description:** I-95 Interchange Reconstruction & Bridge Replacement @ SR 99

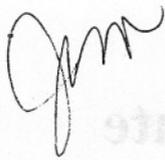
**P.I. Number:** 0001585  
**No. Parcels:** 4

<b>Land:</b> Residential / Timberland: 6.45 acres @ \$ 4,700 / acre	\$ 30,315
<b>Improvements :</b> misc. site improvements	10,000
<b>Relocation:</b> Residential ( 0 ) Commercial ( 0 )	0
<b>Damage :</b> Proximity ( 0 ) parcel	0

Net Cost \$ 40,315

Net Cost		\$ 40,315
Scheduling Contingency	55 %	22,173
Adm/Court Cost	60 %	37,493
Inflation Factor	40 %	39,992
		\$ 139,973

**Total Cost \$ 140,000**



**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENTAL CORRESPONDENCE**

FILE: NH-0001-00(585) Glynn  
P.I.# 0001585

OFFICE: Jesup, Georgia

DATE: 04-30-2004

FROM: Karon Ivery, District Utilities Engineer

TO: Gerald Ross, P.E., State Road & Airport Design Engineer

SUBJECT: Utility Cost Estimate- SR# 99 Widening, reconstruction and bridge replacement

Per your request an on site inspection was made by this office and the following utilities were found to be located within the project limits:

Darien Telephone- Telephone  
Bellsouth-Telephone  
Glynn County Water & Sewer- water  
Glynn County Water & Sewer- sewer

Of the above referenced utilities both Darien Telephone and Bellsouth are on existing right of way by permit. They will relocate at no expense to the Department if it becomes necessary. Glynn County has a water and sewer line on private property that parallels SR# 99. It crosses SR# 405/ I-95 approximately 2000 feet south of the interchange and should not be in conflict with this project. Based upon our field inspection I do not anticipate any utility relocation cost to the Department on this project. Also, I do not see the need to employ a subsurface utility engineer on this project.

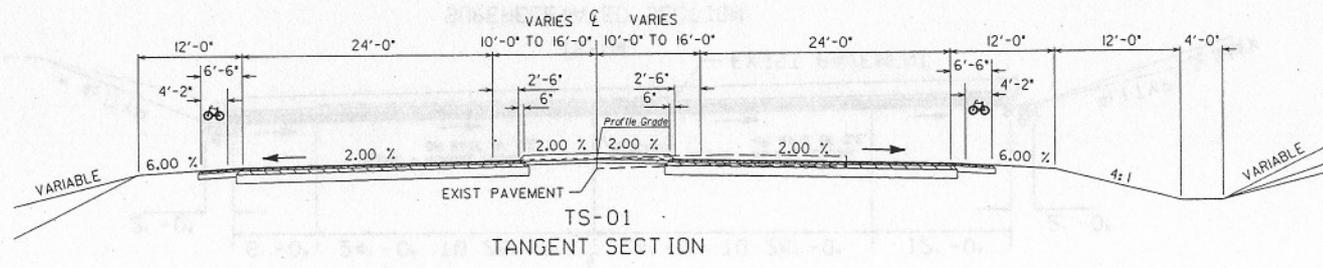
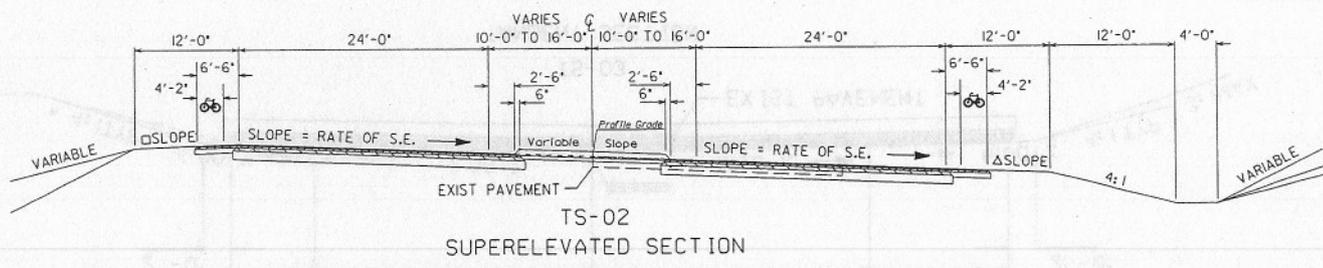
If you need additional information please contact Stephen Thomas @ 427-5754.

Copy:

Tony Collins, District Preconstruction Engineer  
District Office files  
Utility Office files

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-0001-00(585)		

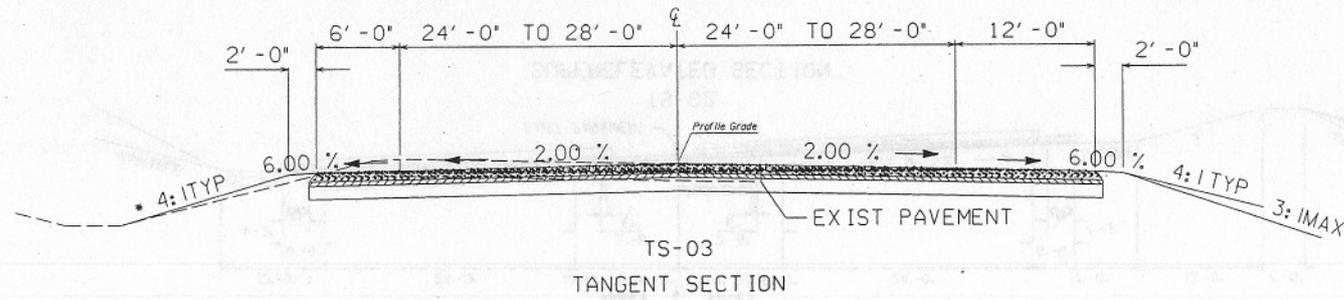
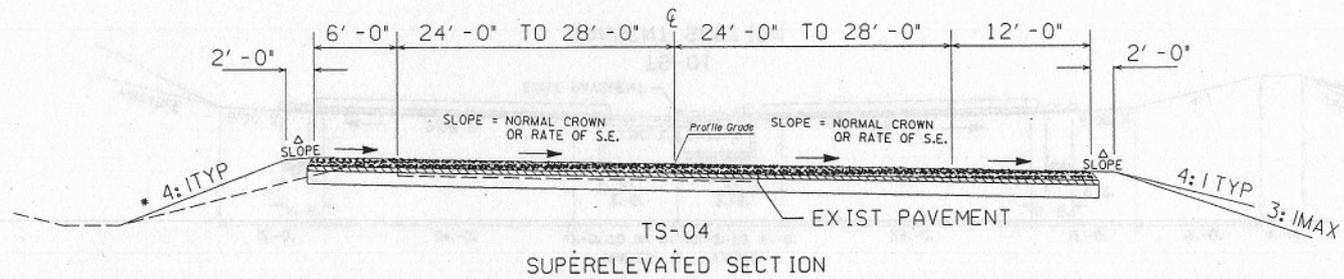
S. R. 99/GRANTS FERRY ROAD



TYPICAL SECTION  
NOT TO SCALE

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-0001-00(585)		

RAMP TYPICAL SECTIONS

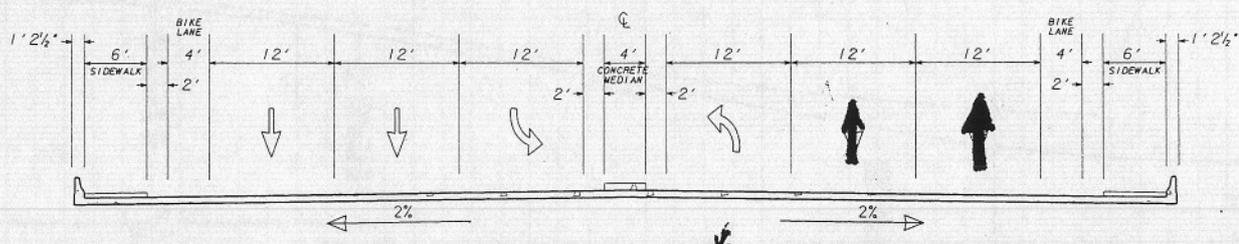


APPLIES WHEN DUAL LEFTS AND RIGHTS ARE REQUIRED

RAMP TYPICAL SECTIONS  
NOT TO SCALE

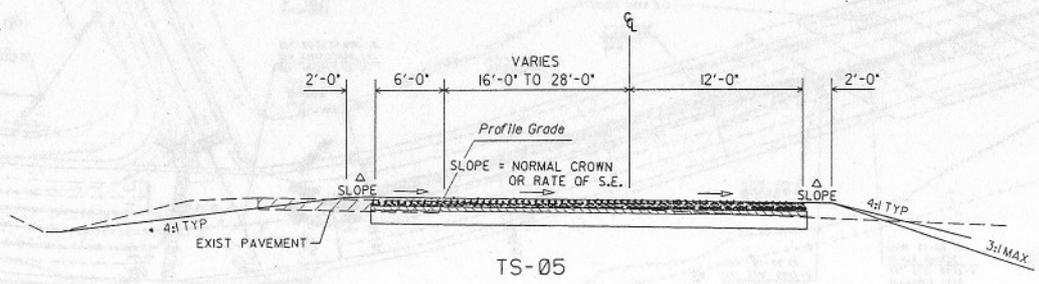
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-0001-00(585)		

BRIDGE TYPICAL SECTION



\* DOUBLE LEFT TURN LANES WEST OF BRIDGE TO I-95 SOUTHBOUND - SEE SKETCH

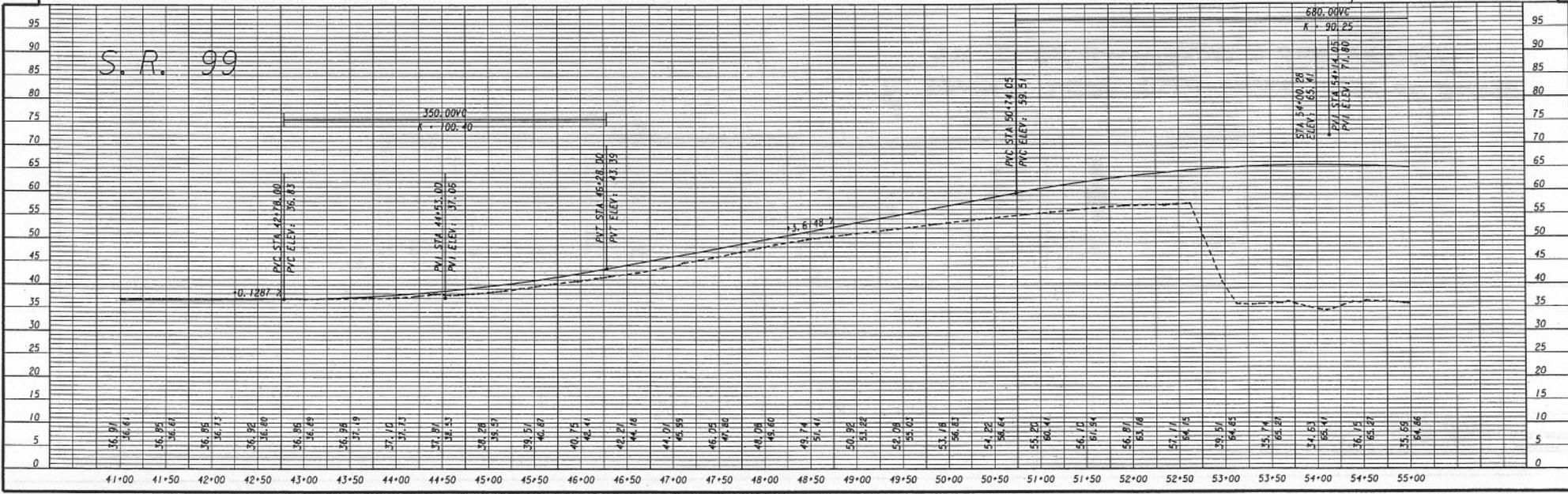
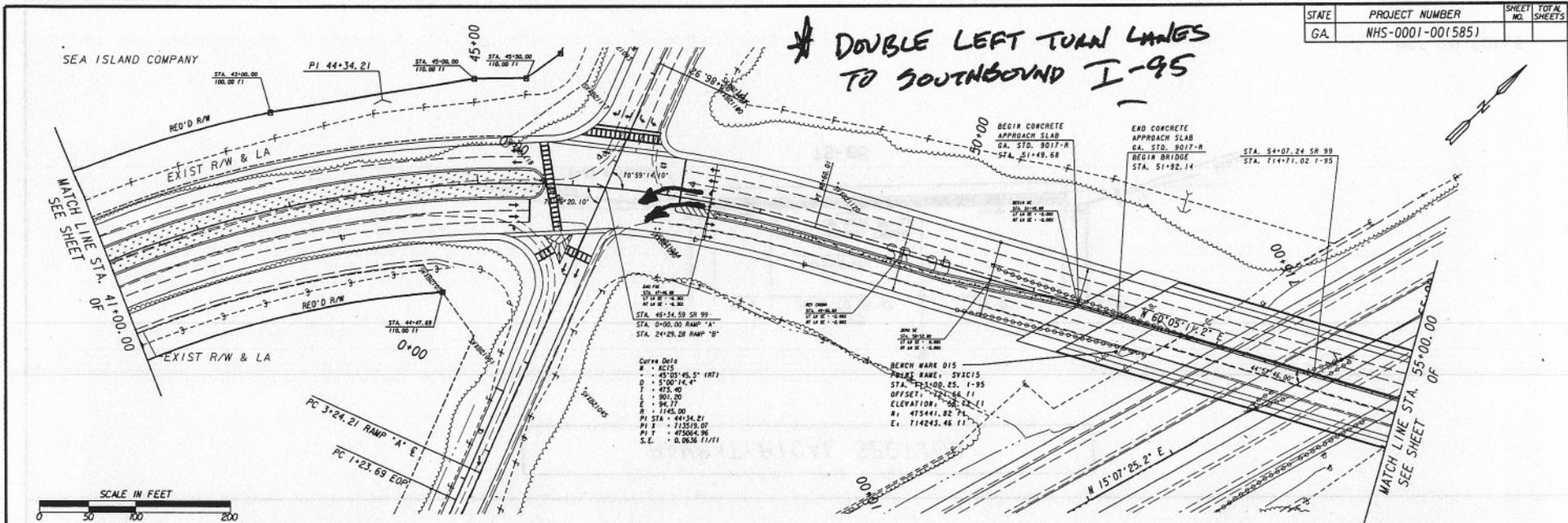
RAMP TYPICAL SECTION



NOT TO SCALE

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-0001-001585		

**DOUBLE LEFT TURN LANES TO SOUTHBOUND I-95**



SHOWDATE TIME#####  
DGN SPECIFICATION#####



# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 127-0039-0

Glynn

SUFF. RATING

77.56

## Location & Geography

\* Structure I.D.No: 127-0039-0  
 200 Bridge Information 07  
 \* 6A Feature Int: I-95 (SR 405)  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: SR00099  
 \* 7B Facility Carried: GRANTS FERRY ROAD  
 \* 9 Location: 1.2 MI W OF JCT SR 25  
 2 DOT District: 5  
 207 Year Photo: 1999  
 \* 91 Inspection Frequency: 24 Date: 10/09/2002  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901  
 \* 4 Place Code: 00000  
 \* 5 Inventory Route (O/U): 1  
 Type: 3  
 Designation: 1  
 Number: 00099  
 Direction: 0  
 \* 16 Latitude: 31-18.3 MMS Prefix: SR  
 \* 17 Longitude 81-28.8 MMS Suffix: 00 MP: 15.59  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 0  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1271009900  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: N  
 \* 102 Direction of Traffic 2  
 \* 264 Road Inventory Mile Post: 015.59  
 \* 208 Inspection Area: 05 Initials: EEP  
 Engineer's Initial: sgm  
 \* Location I.D. No.: 127-00099D-015.59N

## Signs & Attachments

\* 104 Highway System: 0  
 \* 26 Functional Classification: 07  
 \* 204 Federal Route Type: S No.: 00609  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 0  
 206 School Bus Route: 1  
 217 Benchmark Elevation: 0058.12  
 218 Datum: 2  
 \* 19 Bypass Length: 08  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 6  
 37 Historical Significance: 5  
 205 Congressional District: 01  
 27 Year Constructed: 1968  
 106 Year Reconstructed: 0000  
 33 Bridge Median: 0  
 34 Skew: 40  
 35 Structred Flared: 0  
 38 Navigation Control: N  
 213 Special Steel Design: 0  
 267 Type of Paint: 2  
 \* 42 Type of Service on: 1  
 1  
 214 Movable Bridge: 0  
 203 Type Bridge: D-O-M-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 4 02  
 45 No. Spans Main: 002  
 44 Structure Type Appr: 3 02  
 46 No. Spans Appr: 0002  
 226 Bridge Curve Horz: 0 Vert: 1  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1  
 108 Wearing Surface Type: 1  
 M 8  
 F 8  
 225 Expansion Joint Type: 10  
 242 Deck Drains: 1  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 0.80 1  
 239 Handrail: 1 1  
 \* 240 Median Barrier Rail: 0  
 241 Bridge Median Height: 0.00  
 Width: 0.00  
 \* 230 Guardrail Loc Dir Rear: 3  
 Fwr: 3  
 Oppo Dir Rear: 0  
 Fwr: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 0  
 233 Posted Speed Limit: 55  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 00  
 W 00  
 Ele 00  
 Telephone: 00  
 Se 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

## Meeting Minutes

Date: 24 August 2004

Project: NHS-0001-00(585), P.I. No. 0001585

Subject: Concept Team Meeting for I-95 Interchange Reconstruction and Bridge Replacement at SR 99/Grants Ferry Rd.

Location: Urban Design Conference, G.O. Bldg – Rm 352

Attendees:

Name	Representing	E-Mail	Phone #
Gerald Ross	Road Design	gerald.ross@dot.state.ga.us	404-656-5386
Jim Simpson	Road Design	jim.simpson@dot.state.ga.us	404-657-9192
Jack Grant	Road Design	jack.grant@dot.state.ga.us	404-657-9192
David Powell	Road Design	david.powell@dot.state.ga.us	404-657-9192
Jeremy Busby	Road Design	jeremy.busby@dot.state.ga.us	404-657-9192
Christy Poon	Road Design	christy.poon@dot.state.ga.us	404-657-9192
Nasser Rad	Road Design	nasser.rad@dot.state.ga.us	404-657-9192
Grant Waldrop	Traf. Saf. & Design	grant.waldrop@dot.state.ga.us	404-635-8123
Nabil Raad	Traf. Saf & Design	nabil.raad@dot.state.ga.us	404-635-8127
Eniel Gonzalez	Road Design	eniel.gonzalez@dot.state.ga.us	404-657-9192
Klint Rommel	OEL	klint.rommel@dot.state.ga.us	404-699-4415
Babs Abubakari	Road Design	babs.abubakari@dot.state.ga.us	404-656-5587
Dan Funk	Trainee	dan.funk@dot.state.ga.us	404-699-4463
Shahid Sayed	Planning	shahid.sayed@dot.state.ga.us	404-657-6911
John M. Baxter	Road Design	John.baxter@dot.state.ga.us	404-657-9192
Ron Wishon	Eng. Services	ron.wishon@dot.state.ga.us	404-651-7470
Clarence Harris	Road Design/Constr	clarence.harris@dot.state.ga.us	770-528-3233
Martin Bryant	Right of Way	Martin.bryant@dot.state.ga.us	770-986-1531
Jerry Milligan	Right of Way	jerry.milligan@dot.state.ga.us	404-463-2575

## Introduction

Mr. Jack Grant gave the opening remarks and a brief description of the project. Mr. Grant pointed out that the ROW was scheduled for Fiscal 2006 and Construction scheduled for Fiscal 2007.

## Discussion

Mr. David Powell gave a more detailed description of the project. Mr. Powell elaborated on the three layouts that were presented. One layout encompassed the limits of the project whereas the other two layouts illustrated the intersections of the ramps with SR 99. These two layouts illustrated the proposed ramp configurations and turning movements generated by the traffic volumes from the proposed Steamboat City Theme Park.

Mr. Powell highlighted some important aspects of the project from the Concept Report as follows:

- The current speed limit of 55 mph will be reduced to 45 mph along this project due to geometric constraints such as the proposed raised median and an anticipated high traffic volume turning movements influenced by the future theme park.
- The bike lanes are included in the shoulder of the roadway section and across the proposed SR 99 Overpass, because this corridor is proposed to be designated as a local Bicycle and Pedestrian Route.
- The current bridge does not meet vertical nor horizontal clearance for I-95 below. Since no design exception will be granted, the bridge will need to be reconstructed to accommodate the widening of I-95; Project NH-IM-95-1(117), P.I. No. 511100.
- The project will tie in with the adjacent widening and reconstruction of SR 99 from I-95 to US 17/SR 25; project STP-0000-00(422), P.I. No. 0000422, which is the section of the SR 99 corridor that contains the entrance to the theme park.
- The future theme park may be on hold. There has been no update as to when groundbreaking will occur.

## Comments

Local Government – Not present

Engineering Services – No comment

Bridge/Structural Design – The Mechanically Stabilized Earth walls proposed to run parallel with I-95 are not required. A four span proposed bridge structure will accommodate all required design parameters for the roadway section.

Planning – No comment

Traffic Safety & Design – Replace single left turn lane with dual left turn lanes for Eastbound traffic movements from SR 99 onto the Northbound entrance ramp to I-95.

Road Design – Mr. Gerald Ross expressed safety concerns for bike traffic crossing the on and off ramps along SR 99 due to the free flowing right turns onto the ramps and the anticipated high volume of traffic that will be generated by the theme park.

OEL – Section 7 property

- a. Ongoing work to complete the noise and air pollution impact. Using a worse case scenario to model the noise pollution generated by the theme park that may impact the residential housing located near the intersection of SR 99 and US 17/SR 25.
- b. Archeological study has been completed and recommends some tapering of roadway to minimize impact on grave site around the future theme park.
- c. No ecological impacts have been found.
- d. Environmental document for this project includes the entire section of the SR 99 corridor that will be widened and reconstructed. This includes this project and project STP-0000-00(422).

FHWA – Not present

Right of Way – No comment

District – Not present

Utilities – Not present

**Post-meeting comments**

Mr. Powell sought to highlight other important aspects of the project from the Concept Report as follows:

- The intersections of the ramps and SR 99 will be signalized and require a signal permit.
- This project must be constructed before or in conjunction with NH-IM-95-1(117), P.I. No. 511100, due to the substandard horizontal and vertical clearances of the existing SR 99 Overpass.

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## PROJECT CONCEPT REPORT

*Office of Road Design*

I-95 Interchange reconstruction and bridge replacement at SR 99/Grants Ferry Rd

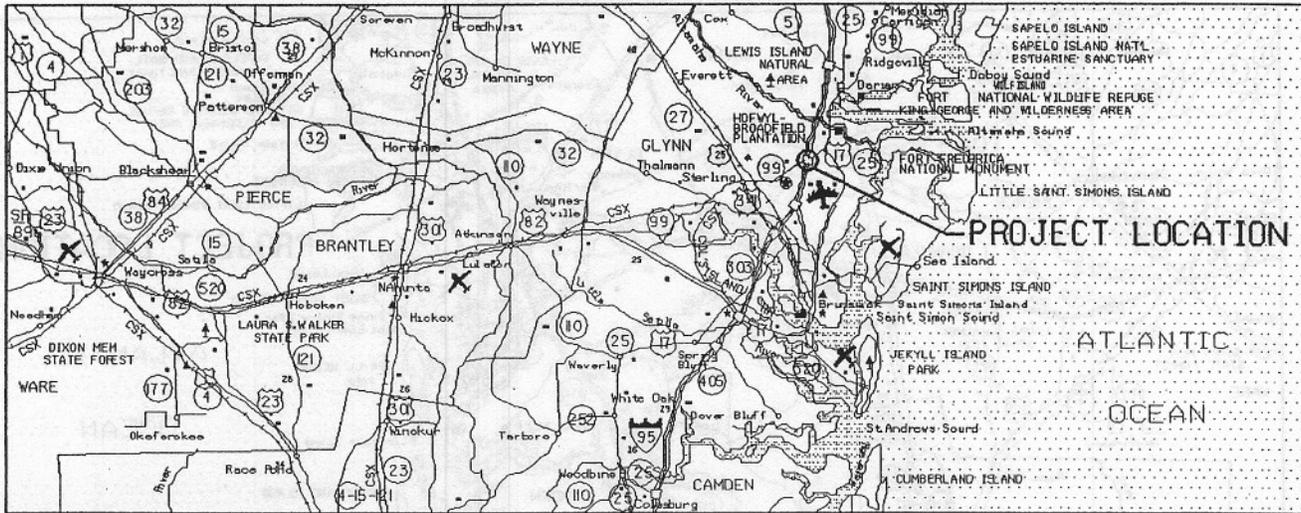
Project Number: NHS-0001-00(585)

County: Glynn

P. I. Number: 0001585

Federal Route Number: N/A

State Route Number: 99



Recommendation for approval:

DATE 11/15/2004

*James S. Spitzer Jr.*  
Project Manager  
*Gerald M. Ross MBA*  
Office Head/District Engineer

DATE 11/15/2004

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Program (RTP) and/or the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

State Transportation Planning Administrator

DATE 11-17-04

*James Vinyard*  
State Transportation Financial Management Administrator

DATE \_\_\_\_\_

State Environment/Location Engineer

DATE \_\_\_\_\_

State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

District Engineer

DATE \_\_\_\_\_

Project Review Engineer

DATE \_\_\_\_\_

State Bridge/Structural Design Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Office of Road Design

I-95 Interchange reconstruction and bridge replacement at SR 99/Grants Ferry Rd

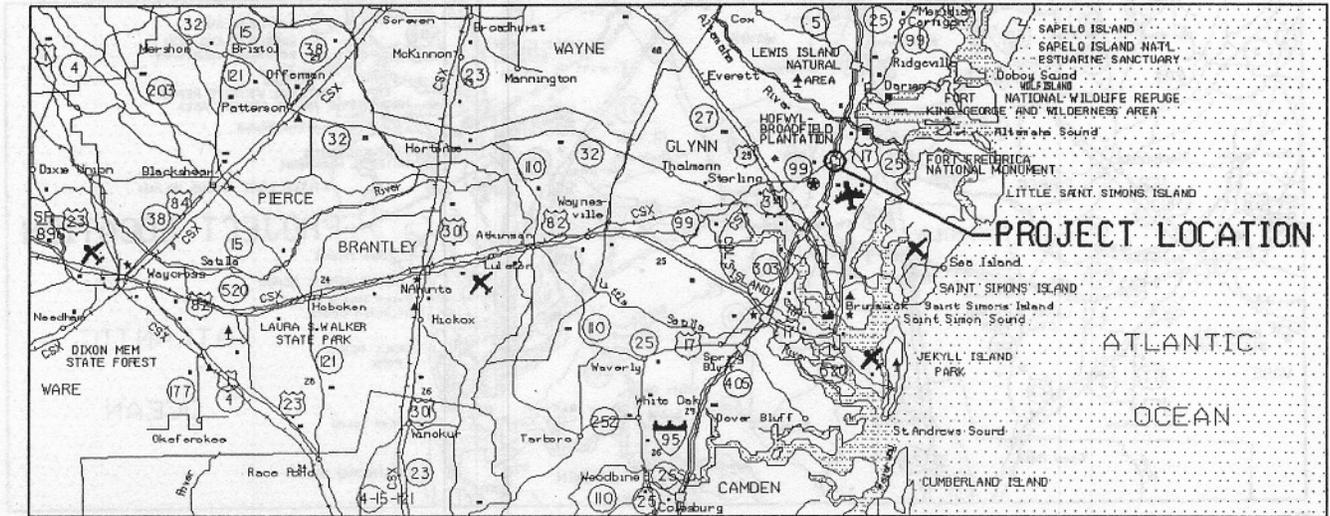
Project Number: NHS-0001-00(585)

County: Glynn

P. I. Number: 0001585

Federal Route Number: N/A

State Route Number: 99



Recommendation for approval:

DATE 11/15/2004

DATE 11/15/2004

*James S. Aprior Jr.*

Project Manager

*Gerald M. Ross* MBTA

Office Head/District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Program (RTP) and/or the State Transportation Improvement Program (STIP).

DATE 11/17/04

*Joseph P. Willard*

State Transportation Planning Administrator

DATE \_\_\_\_\_

State Transportation Financial Management Administrator

DATE \_\_\_\_\_

State Environment/Location Engineer

DATE \_\_\_\_\_

State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

District Engineer

DATE \_\_\_\_\_

Project Review Engineer

DATE \_\_\_\_\_

State Bridge/Structural Design Engineer

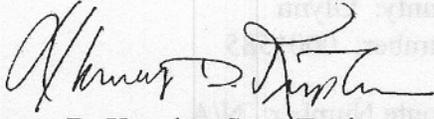
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE:** P.I. No. 0001585

**OFFICE:** Environment/Location

**DATE:** November 23, 2004



**FROM:** Harvey D. Keeper, State Environmental/Location Engineer

**TO:** Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**SUBJECT:** PROJECT CONCEPT REPORT  
NHS-0001-00 (585) / Glynn County

The above subject concept report has been reviewed. This Office has no comment at this time.

If you have any questions, please contact me at (404) 699-4401.

HDK/lc

Attachment

cc: David Mulling, P.E., Project Review Engineer  
Gerald M. Ross, P.E., State Road & Airport Design Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**PROJECT CONCEPT REPORT**

*Office of Road Design*

I-95 Interchange reconstruction and bridge replacement at SR 99/Grants Ferry Rd

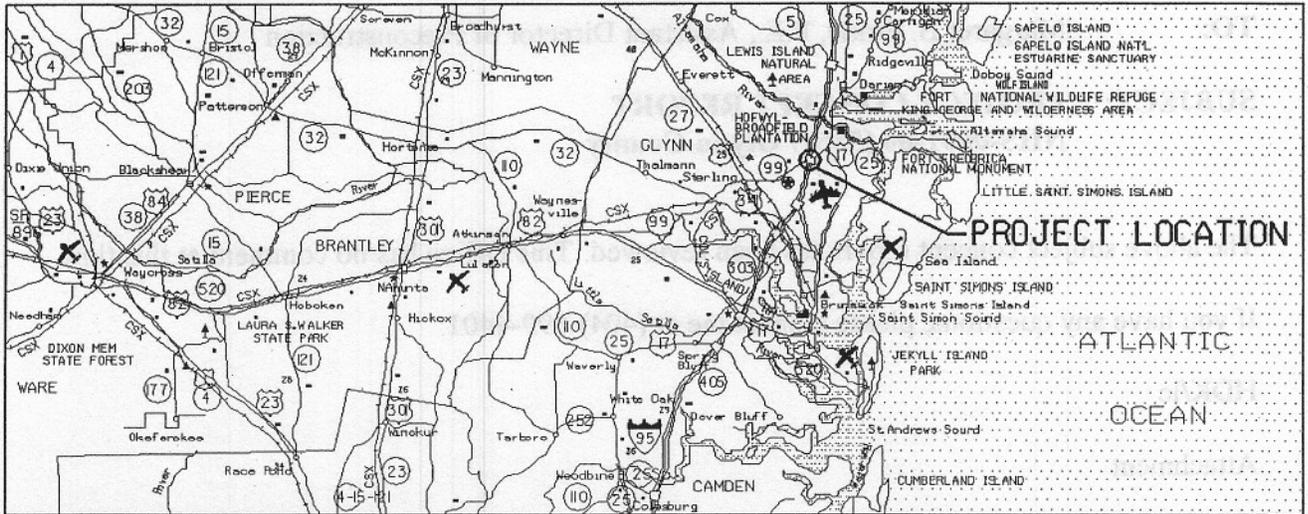
Project Number: NHS-0001-00(585)

County: Glynn

P. I. Number: 0001585

Federal Route Number: N/A

State Route Number: 99



Recommendation for approval:

DATE 11/15/2004  
DATE 11/15/2004

*James S. Apion Jr.*  
Project Manager  
*Gerald M. Ross MBA*  
Office Head/District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Program (RTP) and/or the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_  
DATE \_\_\_\_\_  
DATE 11.23.04  
DATE \_\_\_\_\_  
DATE \_\_\_\_\_  
DATE \_\_\_\_\_  
DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator  
\_\_\_\_\_  
State Transportation Financial Management Administrator  
*Thomas D. Taylor*  
State Environment/Location Engineer  
\_\_\_\_\_  
State Traffic Safety and Design Engineer  
\_\_\_\_\_  
District Engineer  
\_\_\_\_\_  
Project Review Engineer  
\_\_\_\_\_  
State Bridge/Structural Design Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

# Department of Transportation State of Georgia

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## INTERDEPARTMENTAL CORRESPONDENCE

File: NHS-0001-00(585), Glynn Co  
P.I. No. 0001585

Office: Traffic Safety & Design  
Atlanta, Georgia

Date: November 18, 2004

*PMA*  
From: Phillip M. Allen, State Traffic Safety and Design Engineer

To: Meg Pirkle, Assistant Director of Preconstruction

Subject: Project Concept Report Review

NOV 29 2004

We have reviewed the above referenced concept report for the widening, reconstruction, and bridge replacement of SR 99 at Interstate 95 interchange in Glynn county.

The Office of Traffic Safety and Design finds this report satisfactory for approval because it will improve safety and traffic operations within this area.

PMA/SZ/NR

Attachment (signature page)

Cc: Harvey Keeper, State Environment /Location Engineer  
Gary Priester, District 5 Engineer  
Gerald M. Ross, State Road & Airport Design Engineer  
David Mulling, State Review Engineer, w/ attachment  
Joe Palladi, State Transportation Planning Administrator  
Jamine Simpson, Financial management Administrator  
Paul Liles, State Bridge Engineer  
General Files  
Office Files

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

*Traf Sign*

PROJECT CONCEPT REPORT

Office of Road Design

I-95 Interchange reconstruction and bridge replacement at SR 99/Grants Ferry Rd

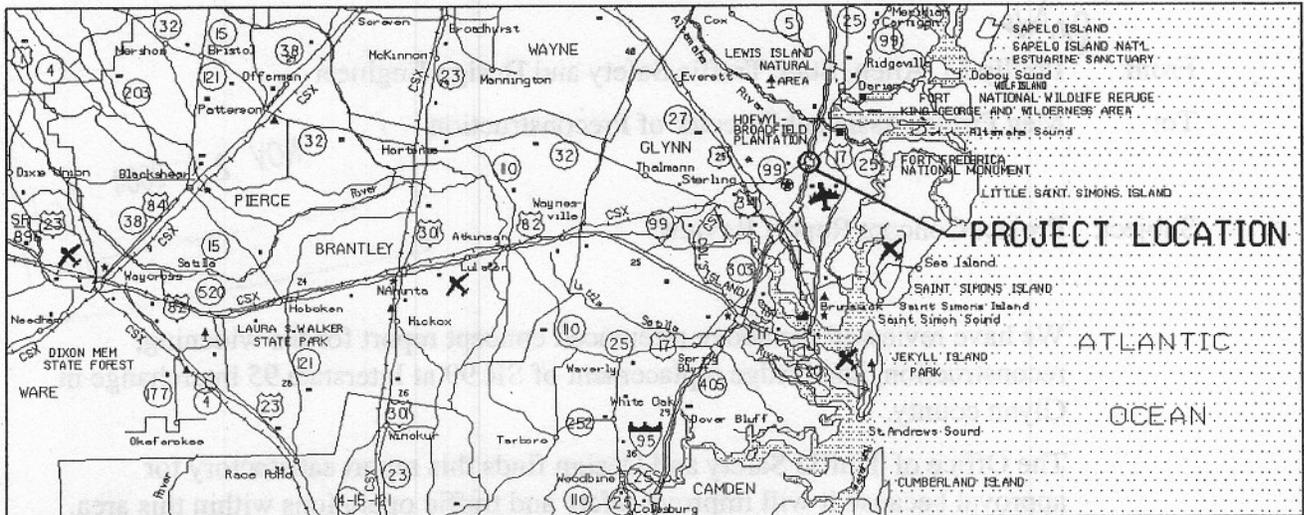
Project Number: NHS-0001-00(585)

County: Glynn

P. I. Number: 0001585

Federal Route Number: N/A

State Route Number: 99



Recommendation for approval:

DATE 11/15/2004

DATE 11/15/2004

*James S. Aprior Jr.*  
Project Manager  
*Gerald M. Ross MBA*  
Office Head/District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Program (RTP) and/or the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environment/Location Engineer

DATE 11/19/04

*Phillip M. Allen*  
State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge/Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**PROJECT CONCEPT REPORT**

*Office of Road Design*

I-95 Interchange reconstruction and bridge replacement at SR 99/Grants Ferry Rd

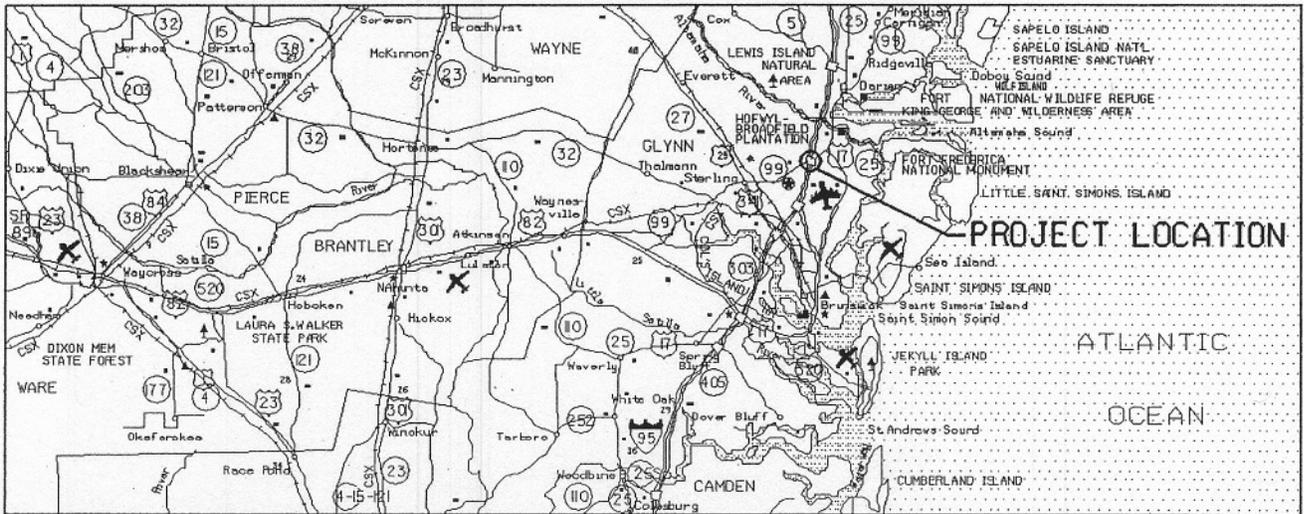
Project Number: NHS-0001-00(585)

County: Glynn

P. I. Number: 0001585

Federal Route Number: N/A

State Route Number: 99



Recommendation for approval:

DATE 11/15/2004

DATE 11/15/2004

*James S. Aprior Jr.*

Project Manager

*Gerald M. Ross MBA*

Office Head/District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Program (RTP) and/or the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environment/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

DATE 11/17/04

*David J. Mulling*  
Project Review Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge/Structural Design Engineer