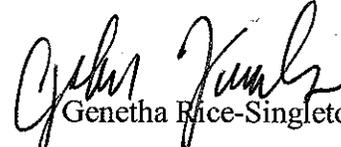


ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** P. I. No. 0001585, Glynn County **OFFICE** Preconstruction  
NHS00-0001-00(585)  
I-95 @ SR 99 Interchange Reconstruction  
**DATE** May 27, 2008

**FROM**  Genetha Rice-Singleton, Assistant Director of Preconstruction

**TO**  SEE DISTRIBUTION

**SUBJECT** APPROVED NOTICE OF LOCATION AND DESIGN

Attached is the approved Location and Design Report for the above subject project.

Also attached is the Notice of Location and Design Approval. This is the Authorization for the District to proceed with advertisement

Attachment

DISTRIBUTION:

Brian Summers  
Harvey Keepler  
Ken Thompson  
Michael Henry  
Keith Golden  
Angela Alexander  
Paul Liles  
Glenn Durrence  
Brad Saxon  
BOARD MEMBER



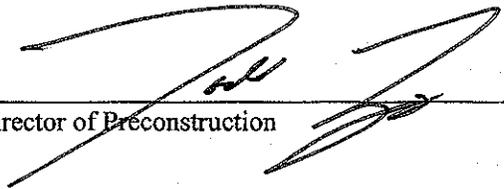
**Consistency with Approved Planning:**

The design description as presented herein and submitted for approval is consistent with the revised Concept Report submitted.

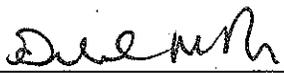
**Recommendations:**

It is recommended that the location and design for this project be approved and that the attached Notice be approved for advertising.

RECOMMEND:

  
\_\_\_\_\_  
Director of Preconstruction

APPROVE:

  
\_\_\_\_\_  
Chief Engineer

5/20/08

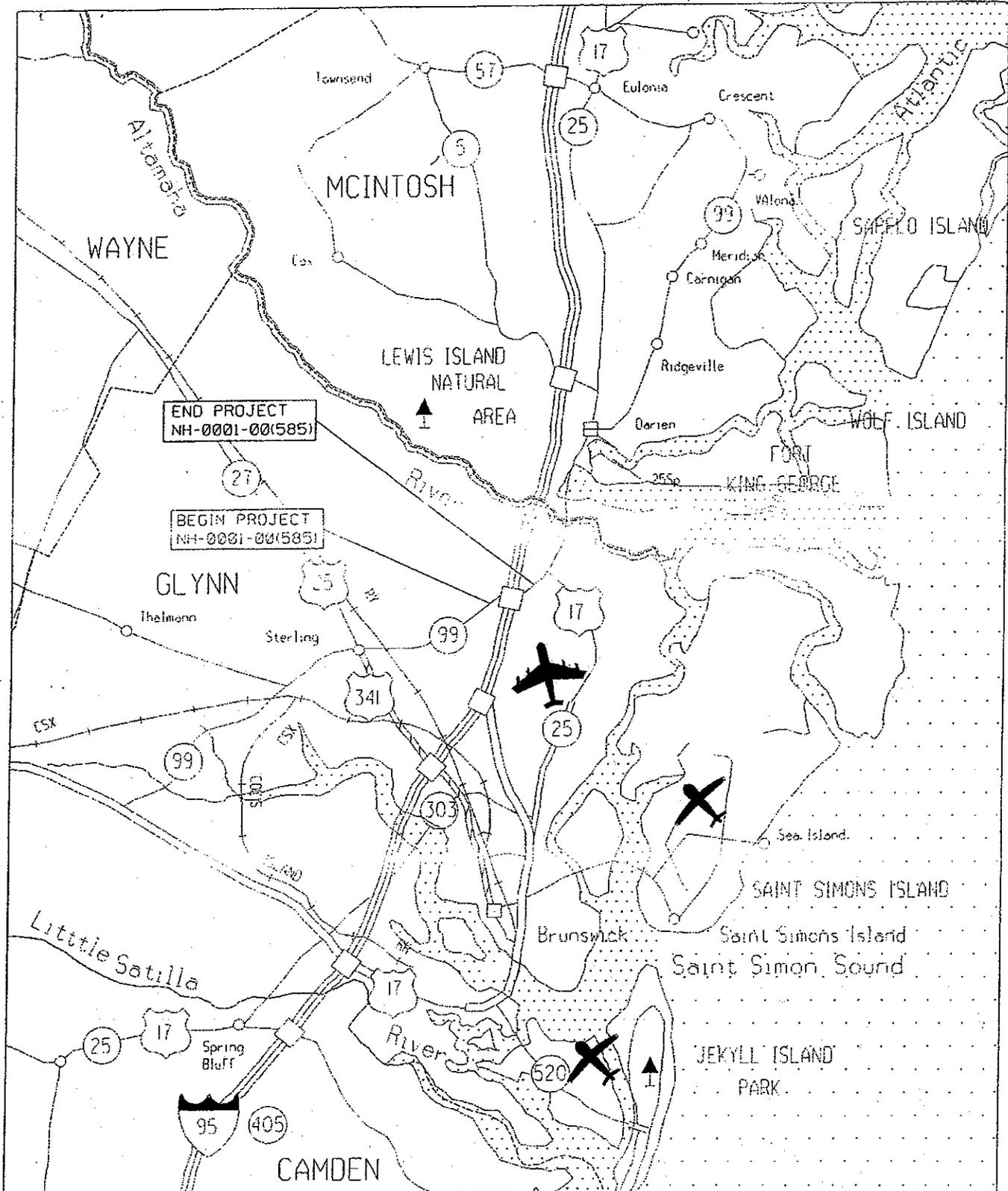
\_\_\_\_\_  
Date of Approval

BAS:RDA:DSP

**Attachments:**

- Sketch Map
- Cost Estimate
- Summary of Comments Received During the Public Comment Period
- Notice of Location and Design Approval

NH-0001-00(585), PI#0001585



LOCATION MAP

165-0030	10733	LF	1.63	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	17494.79
165-0070	12659	LF	1.83	MAINTENANCE OF BALED STRAW EROSION CHECK	23165.97
165-0085	2	EA	168.00	MAINTENANCE OF SILT CONTROL GATE, TP 1	336.00
167-1000	2	EA	1207.94	WATER QUALITY MONITORING AND SAMPLING	2415.88
171-0010	36578	LF	1.81	TEMPORARY SILT FENCE, TYPE A	66206.18
171-0030	10733	LF	4.04	TEMPORARY SILT FENCE, TYPE C	43361.32
603-2180	248	SY	42.44	STN DUMPED RIP RAP, TP 3, 12 IN	10525.12
643-8200	4302	LF	3.00	BARRIER FENCE (ORANGE), 4 FT	12906.00
700-6910	11	AC	1063.20	PERMANENT GRASSING	11695.20
700-7010	26	GL	22.95	LIQUID LIME	596.70
700-8000	11	TN	286.72	FERTILIZER MIXED GRADE	3153.92
700-8100	518	LB	2.32	FERTILIZER NITROGEN CONTENT	1201.76
710-9000	3178	SY	4.63	PERMANENT SOIL REINFORCING MAT	14714.14
716-2000	50083	SY	1.20	EROSION CONTROL MATS, SLOPES	60099.60
<b>Section Sub Total:</b>					<b>\$477,472.22</b>

### Section MICSELLANEOUS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
153-1300	1	EA	76757.66	FIELD ENGINEERS OFFICE TP 3	76757.66
634-1200	34	EA	101.14	RIGHT OF WAY MARKERS	3438.76
643-0155	9000	LF	7.35	FIELD FENCE SPCL DESIGN	66150.00
<b>Section Sub Total:</b>					<b>\$146,346.42</b>

### Section SIGNING AND MARKING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	287	SF	14.92	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	4282.04
636-1029	99	SF	16.65	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	1648.35
636-1033	367	SF	19.09	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	7006.03
636-2070	1893	LF	8.07	GALV STEEL POSTS, TP 7	15276.51
636-2090	200	LF	8.97	GALV STEEL POSTS, TP 9	1794.00
653-1501	3884	LF	0.54	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	2097.36
653-1502	7766	LF	0.53	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	4117.04
653-6006	3022	SY	2.94	THERMOPLASTIC TRAF STRIPING, YELLOW	8884.68
654-1010	8	EA	38.35	RAISED PVMT MARKERS TP 10	306.80
655-7000	4	EA	791.67	PAVEMENT ARROW, PREFORMED PLASTIC WITH RAISED REFLECTORS	3166.68
657-1085	15560	LF	6.48	PREFORMED PLASTIC SOLID PVMT MKG, 8 IN, CONTRAST (BLACK-WHITE), TP PB	100828.80
657-3085	1280	GLF	4.54	PREFORMED PLASTIC SKIP PVMT MKG, 8 IN, CONTRAST (BLACK-WHITE), TP PB	5811.20
657-5001	202	SY	20.55	PREFORMED PLASTIC PAVEMENT MARKING, WHITE, TP PB	4151.10
657-5003	16	EA	473.37	PREFORMED PLASTIC PAVEMENT MARKING, WORD TP 1, TP PB	7573.92
657-5017	39	EA	528.83	PREFORMED PLASTIC PVMT MKG, WORDS AND/OR SYM, ARROW TP 2, WHITE, TP PB	20624.37
657-6085	9910	LF	6.62	PREFORMED PLASTIC SOLID PVMT MKG, 8 IN, CONTRAST (BLACK-YELLOW), TP PB	65604.20
<b>Section Sub Total:</b>					<b>\$253,173.08</b>

### Section LIGHTING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
55555	1	Lump Sum	500000.00	INTERSECTION LIGHTING	500000.00
<b>Section Sub Total:</b>					<b>\$500,000.00</b>

**Total Estimated Cost: \$13,674,716.60**

**Estimate Report for file "PI# 0001585 03-06-2008 (I-95 @ SR 99  
Glynn County)"**

**Section ROADWAY ITEMS**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	1300000.00	TRAFFIC CONTROL - SR 99 ( 10% of Construction Cost)	1300000.00
310-5100	9749	SY	20.00	GR AGGR BASE CRS, 10 INCH, INCL MATL	194980.00
310-5120	31489	SY	21.00	GR AGGR BASE CRS, 12 INCH, INCL MATL	661269.00
400-3130	3107	TN	85.00	ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL POLYMER-MODIFIED BITUM MATL & H LIME	264095.00
402-1812	304	TN	68.49	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	20820.96
402-3121	6472	TN	85.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	550120.00
402-3192	8090	TN	80.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	647200.00
413-1000	4416	GL	2.00	BITUM TACK COAT	8832.00
430-0220	18582	SY	90.00	PLAIN PC CONC PVMT, CL 1 CONC, 12 INCH THK	1672380.00
433-1000	568	SY	152.34	REINF CONC APPROACH SLAB	86529.12
441-0748	2453	SY	57.29	CONCRETE MEDIAN, 6 IN	140532.37
441-6720	7203	LF	15.91	CONC CURB & GUTTER, 6 IN X 30 IN, TP 7	114599.73
456-2015	2	GLM	907.50	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (SKIP)	1815.00
620-0300	4500	LF	72.29	TEMPORARY BARRIER, METHOD NO. 3	325305.00
641-1100	100	LF	48.31	GUARDRAIL, TP T	4831.00
641-1200	2730	LF	16.01	GUARDRAIL, TP W	43707.30
641-5001	8	EA	635.33	GUARDRAIL ANCHORAGE, TP 1	5082.64
641-5012	8	EA	1778.08	GUARDRAIL ANCHORAGE, TP 12	14224.64
<b>Section Sub Total:</b>					<b>\$6,056,323.76</b>

**Section GRADING AND DRAINAGE**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
201-1500	1	LS	1500000.00	CLEARING & GRUBBING -	1500000.00
205-0001	25737	CY	10.00	MAINLINE UNCLASS EXCAV	257370.00
206-0002	80442	CY	10.00	MAINLINE BORROW EXCAV, INCL MATL	804420.00
441-0301	12	EA	2174.89	CONC SPILLWAY, TP 1	26098.68
550-1180	975	LF	46.84	STORM DRAIN PIPE, 18 IN, H 1-10	45669.00
550-1240	100	LF	53.16	STORM DRAIN PIPE, 24 IN, H 1-10	5316.00
550-4218	2	EA	666.57	FLARED END SECTION 18 IN, STORM DRAIN	1333.14
576-1018	850	LF	37.24	SLOPE DRAIN PIPE, 18 IN	31654.00
668-1100	10	EA	2745.73	CATCH BASIN, GP 1	27457.30
<b>Section Sub Total:</b>					<b>\$2,699,318.12</b>

**Section BRIDGE**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
540-1202	1	LS	1087699.00	REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO -	1087699.00
543-1100	1	LS	2454384.00	CONSTR OF BRIDGE - COMPLETE -	2454384.00
<b>Section Sub Total:</b>					<b>\$3,542,083.00</b>

**Section EROSION CONTROL**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	11	AC	703.86	TEMPORARY GRASSING	7742.46
163-0240	300	TN	200.00	MULCH	60000.00
163-0300	8	EA	1676.23	CONSTRUCTION EXIT	13409.84
163-0501	2	EA	770.65	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 1	1541.30
163-0520	847	LF	17.45	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	14780.15
163-0530	12659	LF	4.23	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	53547.57
163-0550	10	EA	297.02	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	2970.20
165-0010	68652	LF	0.81	MAINTENANCE OF TEMPORARY SILT FENCE TP 1	55608.12

<del>Subtotal Construction Cost</del>	<del>\$13,674,716.60</del>
<del>E&amp;C Rate 10.0 %</del>	<del>\$1,367,471.66</del>
<del>Inflation Rate 0.0 % @ 0.0 Years</del>	<del>\$0.00</del>
<del>Total Construction Cost</del>	<del>\$15,042,188.26</del>
<del>Right Of Way</del>	<del>\$399,300.00</del>
<del>Reimb. Utilities</del>	<del>\$0.00</del>
<del>Grand Total Project Cost</del>	<del>\$15,441,488.26</del>

SUBTOTAL CONST COST = 13,674,716  
 ENGINEERING @ 5% 683,730  
 CONTINGENCY @ 8% 1,148,676

TOTAL CONST COST = 15,507,128  
 R/W - 399,300  
 UTILITIES - 0-

TOTAL PROJECT COST = \$ 15,906,428

APL 5/7/2008

# Department of Transportation State of Georgia

## ----- Interdepartmental Correspondence

**FILE** R/W Cost Estimate **OFFICE** Atlanta  
**DATE** February 15, 2008

**FROM** Phil Copeland, Right of Way Administrator

**TO** Brent A. Story, P.E. / WDT., State Road and Airport Design Engineer

**ATTN:** Ayodele Gilpin

**SUBJECT** **Preliminary Right of Way Cost Estimate**  
**Project: NHS-0001-00(585)Glynn**  
**PI. No.: 001585**  
**Description: I-95 Interchange Reconstruction @ SR 99**

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.

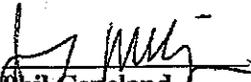
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Attachments

cc: Brian Summers, Engineering Services  
Wes Brock, R/W  
Windy Bickers, Financial Management  
File

444

# Preliminary Right of Way Cost Estimate

  
**Phil Copeland**  
Right of Way Administrator  
By: Jerry Milligan

Date: February 15, 2008  
Project: NHS-0001-00(585)Glynn  
Existing/Required R/W: Varies/Varies  
Project Termini : I-95 Interchange Reconstruction @ SR 9  
Project Description: Interchange Reconstruction

P.I. Number: 0001585  
No. Parcels: 5

Land: Timberland: 9.0 acres @\$10,000/acre \$ 90,000

Improvements : Misc. Site Improvements 25,000

Relocation: None 0

Damage : None 0

Net Cost \$ 115,000

Net Cost		\$ 115,000
Scheduling Contingency	55 %	63,250
Adm/Court Cost	60 %	106,950
Market Appreciation	40 %	<u>114,080</u>
		\$ 399,280

**Total Cost \$399,300**



Summary of Comments  
April 20, 2004  
Page 2

DISPOSITION OF COMMENTS:

The following offices are requested to respond to the comments listed:

Road Design: 1-3  
Right-of-Way: 0  
Traffic Operations: 0  
Planning: 0

This office will respond to comments as follows:

Environmental: 1  
Location: 0

Please send this office copies of your responses to these comments by May 3, 2004.

Attached is a complete transcript of the comments received during the comment period and a copy of the hearing handout.

If you have any questions about the comments, please call K. Klint Rommel at (404) 699-4415.

HDK/kkr

Attachments

**DISTRIBUTION:**

Thomas L. Turner, P. E.  
Dennis Odom, District 5 Design Engineer  
Gary Priestler, District 5 Engineer,  
Joe Palladi

**NOTICE OF LOCATION AND DESIGN APPROVAL**

Project Number – NHS-0001-00(585), Glynn County  
P. I. Number: 0001585

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location approval is May 27, 2008

The project proposes to reconstruct the I-95/SR 99 interchange, located in Glynn County. The project length along SR 99 is approximately 1.2 miles and is located within Land District 1356.

This project will alleviate the Design Exception for sub-standard horizontal clearance, sub-standard shoulder widths and the Design Variance for the sub-standard vertical clearance for the I-95 travel lanes under the existing Overpass. This project will widen and reconstruct SR 99 and the SR 99 Overpass to 2, 12-ft lanes with a 32-ft raised median and a 12-ft paved shoulder on the westbound lane of SR 99 and a 6-5-ft shoulder on the eastbound lane. Both shoulders will include a 4'2" bike shoulder. Left turn lanes are proposed along SR 99 within the interchange area and along the I-95 exit ramps at their intersection with SR 99. Limited access will be acquired along SR 99 west of the interchange from approx. MP 15.1 to just east of the interchange at approx. MP 15.9.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

*Bryan Czech  
Area Engineer, Brunswick Area Office  
Bryan.Czech@dot.state.ga.us  
128 Public Safety Blvd.  
Brunswick, GA 31525  
912-264-7247*

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

*Brent Story  
Office of Road and Airport Design  
Brent.Story@dot.state.ga.us  
No 2 Capitol Square SW  
Atlanta, GA 30334  
404-656-5386*

Any written request or communication in reference to this project or notice should include the Project and P. I. Numbers as noted at the top of this notice.