

Windy

ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-524(9) Calhoun-Dougherty Counties **OFFICE** Preconstruction
P. I. No. 442951
SR 23 Bridge Replacement at Chickasawhatchee Creek

DATE June 2, 2004

FROM *for John Kunkle*
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
- Jerry Hobbs
- Jamie Simpson
- Michael Henry
- Phillip Allen
- Joe Palladi (file copy)
- Paul Liles
- Brent Story
- David Crim
- BOARD MEMBER

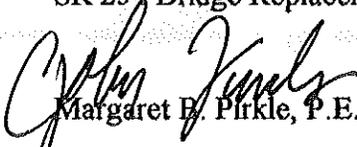
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**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-524(9) Calhoun-Dougherty Counties **OFFICE** Preconstruction
P.I. No. 442951
SR 234 Bridge Replacement at Chickasawhatchee Creek
DATE May 25, 2004

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

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

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on SR 234 over Chickasawhatchee Creek, 8.0 miles northeast of Leary, Georgia. The existing bridge, constructed in 1958, is load limited with a sufficiency rating of 60. The original design load capacity is H-15. In accordance with DOT MOG 2405-1, the existing bridge meets the established criteria for replacement. Additionally, there is an existing triple 9' x 6' overflow culvert over Chickasawhatchee Creek Tributary with a sufficiency rating of 91, just east of the bridge. State Route 234 at this location is a two lane roadway (12' travel lanes) with rural shoulders on a variable 100' to 150' of existing right-of-way. This section of SR 234 is functionally classified as a rural major collector. Traffic is projected to be 2,300 VPD and 3,300 VPD in the years 2008 and 2028 respectively. The posted speed and the design speed are 55 MPH.

The construction proposes to relocate SR 234 south of its present location, extending a total of 1.34 miles. The proposed new bridge will be 400' x 40' and will be located just south of the existing bridge structure. The relocated roadway will require the construction of a new triple 9' x 6' bridge culvert over Chickasawhatchee Creek Tributary. The relocated SR 243 will consist of two, 12' lanes with 8' rural shoulders (2' paved). Traffic will be maintained on the existing bridges while the proposed bridges are constructed.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion is anticipated; a public hearing open house is not required; time saving procedures are appropriate.

This project will require split funding because the sufficiency rating exceeds 50. "BR" funding will cover the amount equal to the widening and the remainder will consist of "STP" funding.

BRST-524(9) Calhoun-Dougherty
May 25, 2004

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LETDATE</u>
Construction (includes E&C and inflation)	BR \$1,073,000 STP \$1,660,000	BR \$1,351,000 STP \$1,381,000	Q10 Q24	2006
Right-of-Way	\$ 38,000	\$ 38,000	Q10	
Utilities*	LGPA	LGPA		

*Calhoun County and Dougherty County signed LGPA for utilities.

I recommend this project concept be approved.

MBP:JDQ/cj

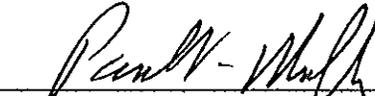
Attachment

CONCUR



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

APPROVE



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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: BRST-524(9) Calhoun/Dougherty **OFFICE:** Engineering Services
P.I. No.: 442951
S.R. 234 Bridge Replacement at Chickasawhatchee Creek

DATE: May 19, 2004

FROM: David Mulling, Project Review Engineer *DM*

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT

We have reviewed the Concept Report submitted May 5, 2004 by the letter from Jeff Bridges, dated April 30, 2004, and have the following comments.

The costs for the project are:

	Bridge Replacement	Bridge Widening
Construction	\$2,365,495	\$928,250
Inflation	\$118,275	\$46,415
E&C	\$248,377	\$97,470
Reimbursable Utilities	\$0.00 (LGPA's signed 8/2 & 9/99)	\$0.00
Right of Way	\$38,130	\$4,000

NOTE: This project will require split funding since the bridge has a sufficiency rating above 50 and is to be replaced. The BR funding is the amount equal to the Bridge Widening costs. Other costs will have to come from other funding sources.

REW

David Crim, Attn.: Jeff Bridges

SCORING RESULTS AS PER MOG 2440-2

Project Number: BRST-524(9)		County: Calhoun/Dougherty		PI No.: 442951	
Report Date: April 30, 2004		Concept By: DOT Office: District 4			
<input checked="" type="checkbox"/> Concept Stage		Consultant: N/A			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input checked="" type="checkbox"/> Bridge Replacement <input type="checkbox"/> Building <input 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				
Judgement	100				
Environmental	100				
Right of Way	100				
Utility	100				
Constructability	100				
Schedule	100				

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

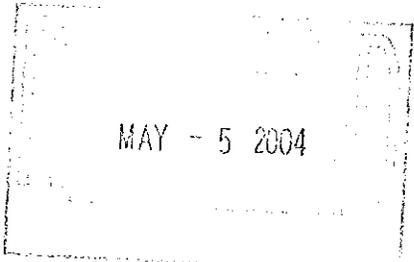
INTERDEPARTMENT CORRESPONDENCE

FILE BRST 524(9), Calhoun/Dougherty County **OFFICE** Tifton, GA
PI No. 442951 **DATE** April 30, 2004

FROM ^{HJB} Jeff Bridges, District Design Engineer

TO Meg Pirkle, 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.

HJB;jb

Attachment

CC:

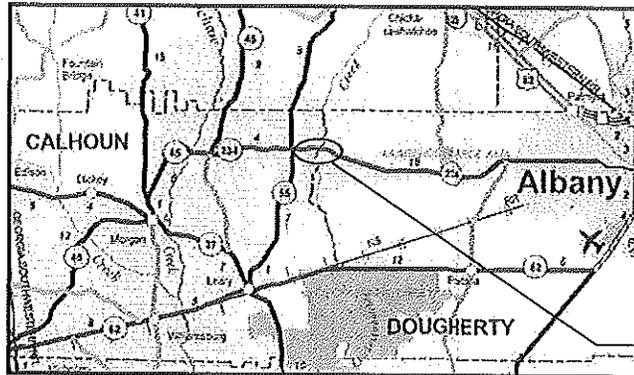
David Mulling, Project Review Engineer – Engineering Services
Harvey Keeper, State Environmental/Location Engineer
Phillip Allen, State Traffic Safety and Design Administrator
Joe Palladi, State Transportation Planning Administrator
Jamie Simpson, Financial Management Administrator
Paul Liles, State Bridge Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**
District 4 – Tifton, Ga.

Project Number: BRST 524(9)
County: Calhoun/Dougherty
P. I. Number: 442951

Project Concept Report

Federal Route Number: N/A
State Route Number: 234



Project Location

Bridge Replacement: SR 234 @ Chickasawhatchee Creek

Recommended for approval:

DATE: 4/29/2004

DATE: 4/30/04

Jeff B...
Project Manager
[Signature]
District Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

DATE: _____

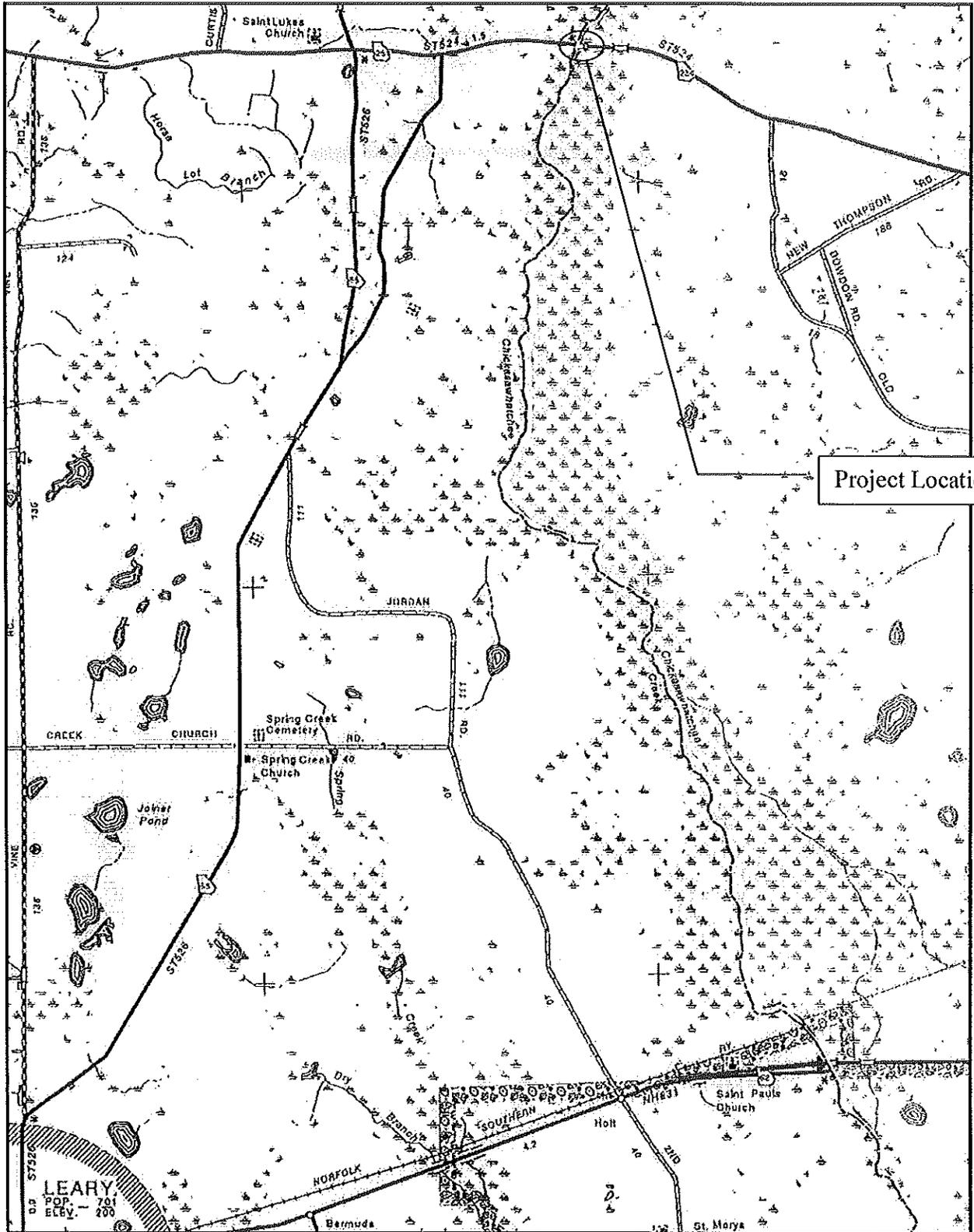
Project Review Engineer

DATE: _____

State Bridge Design Engineer

29 April, 2004

Project Concept Report Page: 2
Project Number: BRST 524(9)
P. I. Number: 442951
County: Calhoun/Dougherty



Project Concept Report Page: 3
Project Number: BRST 524(9)
P. I. Number: 442951
County: Calhoun/Dougherty

Need and Purpose:

Bridge project BR-524(9) will replace the structurally deficient bridge on SR 234 over Chickasawhatchee Creek. This project is not associated with any other projects and has independent utility. The two-lane bridge was constructed in 1958 and is not a designated bike route.

The 2000 ADT is 1,950 vehicles per day which includes school bus traffic. Traffic for the construction year of 2008 has an estimated ADT of 2,300 vehicles per day. The design year (2028) ADT is projected to be 3,300 vehicles per day.

The existing bridge was originally constructed for H-15 live loading. The Structural Evaluation Rating for the bridge is a 5 and the Sufficiency Rating is a 60.58. In accordance with DOT MOG 2405-1, the existing bridge meets the established criteria for replacement.

Description of the project:

This project is located in Calhoun and Dougherty Counties, approximately 8 miles northeast of Leary, Georgia. The project lies within the 3rd Land District, Land Lot No. 57, 58, 63, 64, and Georgia Militia District 620 and 1123.

This project will replace the narrow and structurally deficient bridge on SR 234 at Chickasawhatchee Creek with a new reinforced concrete bridge. To construct the new bridge, SR 234 will be permanently re-aligned approximately 210' to the south of its present location utilizing the existing roadway and bridge for a detour. The proposed project will be approximately 1.33 miles in length.

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

PDP Classification: Major , Minor
Federal Oversight: Full Oversight , Exempt , State Funded , or Others

Functional Classification: Rural Major Collector

U. S. Route Number(s): None State Route Number(s): SR 234

Traffic (AADT):
Current Year: (2008) 2300 Design Year: (2028) 3300

Project Concept Report Page: 4
Project Number: BRST 524(9)
P. I. Number: 442951
County: Calhoun/Dougherty

Existing Design Features:

- Typical Section: Two lane roadway – 12’-0” travel lanes, grass shoulders, open drainage
- Posted Speed 55 mph Maximum degree curvature 2°00’
- Maximum Grade: 2 %
- Width of right of way: Variable 100 to 150 ft.
- Major structures: 352’ x 26’ concrete bridge, Triple 9’ x 6’ x 40’ concrete bridge culvert
- Major interchanges or intersections along the project: None
- Existing length of roadway segment and the beginning mile logs for each county segment.
Calhoun: 0.54 miles - Begins at Mile Log 5.08.
Dougherty: 0.80 miles - Begins at Mile Log 0.00.

Proposed Design Features:

- Proposed typical section(s): Two lane roadway – 12’ travel lanes, grass shoulders (2’ paved), open drainage
- Proposed Design Speed Mainline 55 mph
- Proposed Maximum grade Mainline 2 % Maximum grade allowable 6 %
- Proposed Maximum grade Side Street N/A % Maximum grade allowable N/A %
- Proposed Maximum grade driveway 10 %
- Proposed Maximum degree of curve 2°00’ Maximum degree allowable 5°56’
- Right off way
 - ⇒ Width: 100’ to 250’
 - ⇒ Easements: Temporary , Permanent , Utility , Others
 - ⇒ Type of access control: Full , Partial , By Permit , Others
 - ⇒ Number of parcels 2 Number of displacements:
 - ⇒ Business: 0
 - ⇒ Residents: 0
 - ⇒ Mobile homes: 0
 - ⇒ Others: 0
- Structures:
 - ⇒ Bridges: 400’ X 40’ Reinforced Concrete Bridge
 - ⇒ Triple 9’ x 6’ x 54’ Concrete Bridge Culvert
 - ⇒ Retaining walls: None
- Major intersections and interchanges: None
- Traffic control during construction: Maintain traffic on existing road/bridge during construction.

Project Concept Report Page: 5
Project Number: BRST 524(9)
P. I. Number: 442951
County: Calhoun/Dougherty

- Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ROADWAY WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SHOULDER WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL GRADES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CROSS SLOPES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
STOPPING SITE DISTANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SUPERELEVATION RATES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HORIZONTAL CLEARANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPEED DESIGN:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL CLEARANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE STRUCTURAL CAPACITY:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- Design Variances: None anticipated.
- Environmental concerns: Wetlands, Gopher Tortoise Habitat
- Level of environmental analysis:
 - ⇒ Are Time Saving Procedures appropriate? Yes , No
 - ⇒ Categorical Exclusion:
 - ⇒ Environmental Assessment/Finding of No Significant Impact (FONSI) , or
 - ⇒ Environmental Impact Statement (EIS) .
- Utility involvement: Bellsouth

Project responsibilities:

- ⇒ Design: GDOT
- ⇒ Right of Way Acquisition: GDOT
- ⇒ Relocation of Utilities: Utility Owners, Calhoun/Dougherty County
- ⇒ Letting to contract: GDOT
- ⇒ Supervision of construction: GDOT
- ⇒ Providing detours: GDOT

Coordination:

- Initial Concept Meeting Date _____
- Concept Meeting Date April 9th, 2004
- P. A. R. Meeting Date _____
- Public involvement: None
- Local government comments: None
- Other projects in area: STP 133(6) under construction, STP 133(5) future project
- Other coordination to date: None
- Railroads: None

29 April, 2004

State of Georgia
Department of Transportation

Project Concept Report Page: 6
Project Number: BRST 524(9)
P. I. Number: 442951
County: Calhoun/Dougherty

Scheduling – Responsible Parties' Estimate

- Time to complete environmental process: 8 Months.
- Time to complete preliminary construction plans: 12 Months.
- Time to complete right of way plans: 3 Months.
- Time to complete the Section 404 Permit: 8 Months.
- Time to complete final construction plans: 10 Months.
- Time to complete to purchase right of way: 8 Months.
- List other major items that will affect the project schedule: None --- Months.

Other alternates considered:

- 1) A concrete culvert was considered, but due to the drainage area of 117 square miles a reinforced concrete bridge with an overflow culvert is proposed.
- 2) An off-site detour utilizing other routes was considered. Travel distance with this option would be unreasonable, therefore this is not recommended.
- 3) A temporary on-site detour was considered. The Chickasawhatchee drainage basin will require a large temporary detour bridge. The geometry of the existing road will require a longer than normal on-site detour due to horizontal curves at each end of the project.

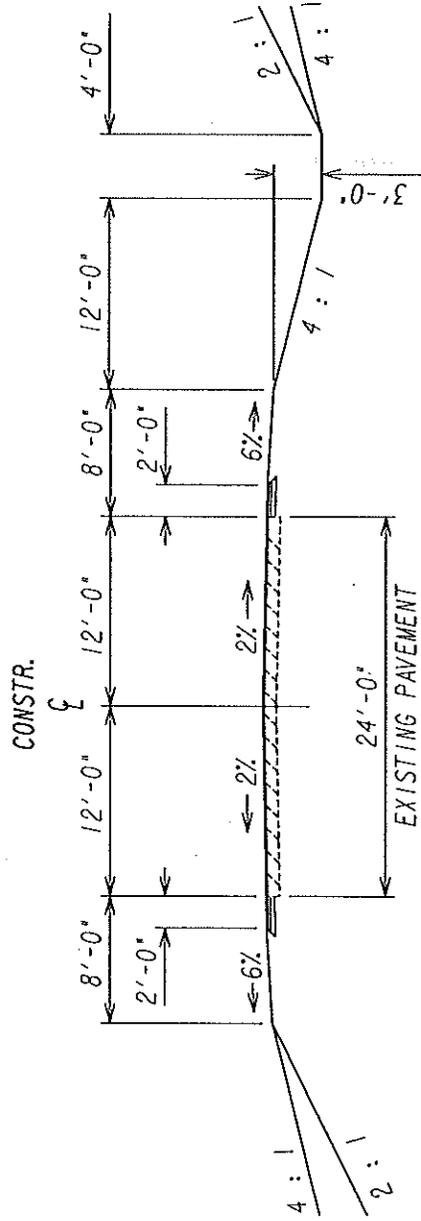
Comments: The 210' offset to the south side of SR 234 should minimize stream impacts and may also eliminate the need for a stream buffer variance.

Attachments:

1. Typical Section
2. Proposed Layout
3. Cost Estimates
4. Accident summaries
5. Traffic Assignments
6. Bridge inventory
7. Minutes of Initial Concept and Concept meetings
8. LGPA's - Signed by Calhoun & Dougherty County
9. Location and Design Notice

TYPICAL SECTION

BRST 524(9)
 CALHOUN/DOUGHERTY COUNTY
 PI NO. 442951



OVERLAY SECTION

165 LBS/SY RECYCLED ASPHALT CONCRETE 12.5 mm SUPERPAVE

FULL-DEPTH SECTION

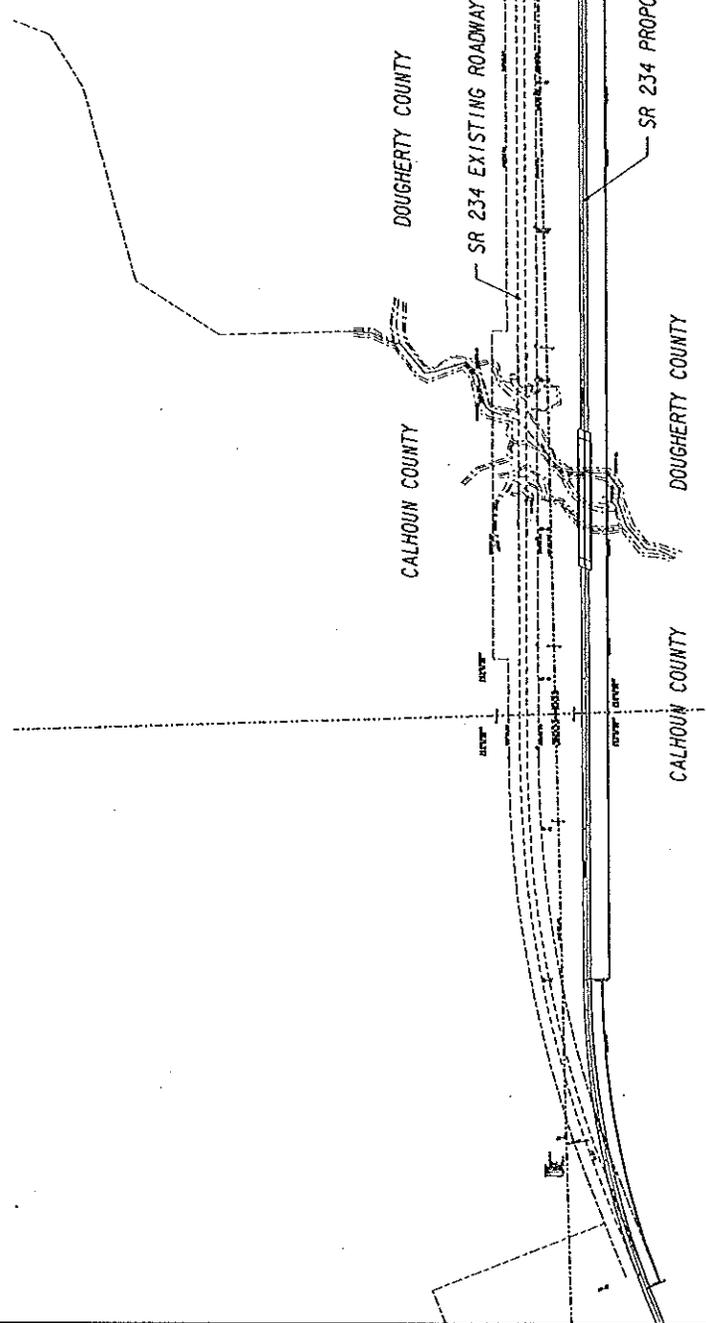
165 LBS/SY RECYCLED ASPHALT CONCRETE 12.5 mm SUPERPAVE

220 LBS/SY RECYCLED ASPHALT CONCRETE 19 mm SUPERPAVE

330 LBS/SY RECYCLED ASPHALT CONCRETE 25 mm SUPERPAVE

8" GRADED AGGREGATE BASE

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
G.A.	BRST 52419	1	1



BRIDGE REPLACEMENT: SR 234 @ CHICKASAWHATCHEE CREEK



DATE	REVISIONS	DATE	REVISIONS

GEORGIA
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-524 (9) Calhoun/Dougherty OFFICE Tifton
P.I. #442951
DATE March 23, 2004

FROM  Emory L. Giddens, District Utilities Engineer

TO Jeff Baker, P.E. State Utilities Engineer
ATTN: Scott Greene

SUBJECT UTILITY COST ESTIMATE

A field review of utilities located on the above referenced project has been conducted without a design concept. Listed below is a breakdown of reimbursable and non-reimbursable cost.

Bellsouth			
Non-Reimbursable	=	\$14,000.00	✓ TP10 Sue
TOTAL - Non-Reimbursable	=	\$14,000.00	

If additional information is needed, contact Ken Cheek, Utilities Engineer at (229) 386-3288.


ELG:BC:KC:sm

- c: Tom Turner, Director of Preconstruction
- Percy Middlebrooks, Administrator, Office of Financial Management
- Gerald Ross, State Road & Airport Design Engineer
- Paul V. Liles, State Bridge Engineer
- Ben Buchan, State Urban Design Engineer
- Harvey D. Keepler, State Environmental/Location Engineer
- Phillip Allen, State Traffic Safety and Design Engineer
- Brent Story, State Consultant Design Engineer

Estimate for Bridge Replacement

Section 01 ROADWAY

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1.00	LS	25000.00	TRAFFIC CONTROL	25000.0
210-0100	1.00	LS	480590.00	GRADING COMPLETE 43 ACRES CL & GR @ 500.00/AC - 91,818 CY BORROW @ 5.00/CY	480590.0
310-5080	15750.00	SY	8.24	GR AGGR BASE CRS, 8 INCH, INCL MATL	129780.0
318-3000	400.00	TN	16.12	AGGR SURF CRS	6448.0
402-1812	500.00	TN	36.06	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	18030.0
402-3121	2680.00	TN	34.61	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	92754.8
402-3130	1830.00	TN	35.24	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM	64489.20
402-3190	2230.00	TN	36.40	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	81172.0
413-1000	2100.00	GL	0.88	BITUM TACK COAT	1848.0
433-1200	284.00	SY	102.38	REINF CONC APPROACH SLAB, INCL SLOPED EDGE	29075.92
441-0301	2.00	EA	1254.64	CONC SPILLWAY, TP 1	2509.28
500-3101	1.00	CY	375.52	CLASS A CONCRETE	375.52
576-1018	50.00	LF	20.93	SLOPE DRAIN PIPE, 18 IN	1046.5
634-1200	14.00	EA	78.99	RIGHT OF WAY MARKERS	1105.86
641-1100	84.00	LF	41.81	GUARDRAIL, TP T	3512.04
641-1200	1000.00	LF	9.00	GUARDRAIL, TP W	9000.0
641-5001	2.00	EA	404.51	GUARDRAIL ANCHORAGE, TP 1	809.02
641-5012	2.00	EA	1269.34	GUARDRAIL ANCHORAGE, TP 12	2538.68
Section Sub Total:					\$950,084.82

Section 02 SIGNING & MARKING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1031	18.00	SF	17.93	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	322.74
636-2070	26.00	LF	7.18	GALV STEEL POSTS, TP 7	186.68
652-5451	13200.00	LF	0.12	SOLID TRAFFIC STRIPE, 5 IN, WHITE	1584.0
652-5452	7200.00	LF	0.12	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	864.0
652-6502	3100.00	GLF	0.11	SKIP TRAFFIC STRIPE, 5 IN, YELLOW	341.0
654-1001	44.00	EA	3.39	RAISED PVMT MARKERS TP 1	149.16
654-1002	40.00	EA	3.19	RAISED PVMT MARKERS TP 2	127.6
657-1054	800.00	LF	3.71	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	2968.0
657-8054	400.00	GLF	2.08	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, YELLOW, TP PB	832.0
Section Sub Total:					\$7,375.18

Section 03 TEMPORARY EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	18.00	AC	433.98	TEMPORARY GRASSING	7811.64
163-0240	589.00	TN	220.88	MULCH	130098.31
163-0300	2.00	EA	1104.82	CONSTRUCTION EXIT	2209.64
163-0530	4300.00	LF	1.81	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	7783.0
165-0030	3000.00	LF	1.33	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	3990.0
165-0070	2150.00	LF	1.20	MAINTENANCE OF BALED STRAW EROSION CHECK	2580.0
165-0101	2.00	EA	356.26	MAINTENANCE OF CONSTRUCTION EXIT	712.52
167-1000	2.00	EA	4312.44	WATER QUALITY MONITORING AND SAMPLING	8624.88
167-1500	12.00	MO	1200.00	WATER QUALITY INSPECTIONS	14400.0
171-0030	6000.00	LF	3.07	TEMPORARY SILT FENCE, TYPE C	18420.0
716-2000	500.00	SY	1.15	EROSION CONTROL MATS, SLOPES	575.0
Section Sub Total:					\$197,205.00

Section 04 PERMANENT EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	35.00	AC	752.46	PERMANENT GRASSING	26336.10
700-7000	70.00	TN	51.20	AGRICULTURAL LIME	3584.0
700-7010	88.00	GL	19.18	LIQUID LIME	1687.84
700-8000	27.00	TN	237.21	FERTILIZER MIXED GRADE	6404.67
700-8100	3500.00	LB	1.43	FERTILIZER NITROGEN CONTENT	5005.0
Section Sub Total:					\$43,017.61

Section BRIDGE CULVERT NO. 1					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
207-0203	114.00	CY	36.83	FOUND BK FILL MATL, TP II	4198.62
500-3101	241.00	CY	387.93	CLASS A CONCRETE	93491.13
511-1000	27263.00	LB	0.52	BAR REINF STEEL	14176.76
Section Sub Total:					\$111,866.51

Section 05 BRIDGE NO. 1					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
540-1101	1.00	LS	137280.00	REMOVAL OF EXISTING BR, \$15.00/Sq Ft	137280.0
543-9000	1.00	Lump Sum	880000.00	CONSTRUCTION OF 400 X 40 REINF CONC BRIDGE \$55.00/Sq Ft	880000.0
603-2024	900.00	SY	39.95	STN DUMPED RIP RAP, TP 1, 24 IN	35955.0
603-7000	900.00	SY	3.01	PLASTIC FILTER FABRIC	2709.0
Section Sub Total:					\$1,055,944.00

Total Estimated Cost: \$2,365,493.12

Subtotal Construction Cost	\$2,365,493.12
E&C Rate 10.0 %	\$236,549.31
Inflation Rate 5.0 % @ 1.0 Years	\$130,102.12
<hr/>	
Total Construction Cost	\$2,732,144.55
Right Of Way	\$38,130.00
ReImb. Utilities	\$0.00
<hr/>	
Grand Total Project Cost	\$2,770,274.55

Estimate for Bridge Widening

Section 01 ROADWAY

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1.00	LS	75000.00	TRAFFIC CONTROL	75000.0
210-0100	1.00	LS	38065.00	GRADING COMPLETE 4.13 ACRES CL & GR @ 500.00/AC - 7,200 CY BORROW @ 5.00/CY	38065.0
318-3000	100.00	TN	16.12	AGGR SURF CRS	1612.0
402-1812	200.00	TN	36.06	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	7212.0
402-3121	375.00	TN	34.61	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	12978.75
402-3130	420.00	TN	35.24	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM	14800.80
402-3190	290.00	TN	36.40	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	10556.0
413-1000	340.00	GL	0.88	BITUM TACK COAT	299.2
433-1200	284.00	SY	102.38	REINF CONC APPROACH SLAB, INCL SLOPED EDGE	29075.92
441-0301	2.00	EA	1254.64	CONC SPILLWAY, TP 1	2509.28
500-3101	1.00	CY	375.52	CLASS A CONCRETE	375.52
576-1018	50.00	LF	20.93	SLOPE DRAIN PIPE, 18 IN	1046.5
634-1200	8.00	EA	78.99	RIGHT OF WAY MARKERS	631.92
641-1100	84.00	LF	41.81	GUARDRAIL, TP T	3512.04
641-1200	1000.00	LF	9.00	GUARDRAIL, TP W	9000.0
641-5001	2.00	EA	404.51	GUARDRAIL ANCHORAGE, TP 1	809.02
641-5012	2.00	EA	1269.34	GUARDRAIL ANCHORAGE, TP 12	2538.68
Section Sub Total:					\$210,022.63

Section 02 SIGNING & MARKING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1031	18.00	SF	17.93	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	322.74
636-2070	26.00	LF	7.18	GALV STEEL POSTS, TP 7	186.68
652-5451	1900.00	LF	0.12	SOLID TRAFFIC STRIPE, 5 IN, WHITE	228.0
652-6502	950.00	GLF	0.11	SKIP TRAFFIC STRIPE, 5 IN, YELLOW	104.5
654-1001	16.00	EA	3.39	RAISED PVMT MARKERS TP 1	54.24
654-1002	16.00	EA	3.19	RAISED PVMT MARKERS TP 2	51.04
657-1054	704.00	LF	3.71	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	2611.84
657-8054	352.00	GLF	2.08	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, YELLOW, TP PB	732.16
Section Sub Total:					\$4,291.20

Section 03 TEMPORARY EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	2.00	AC	433.98	TEMPORARY GRASSING	867.96
163-0240	58.00	TN	220.88	MULCH	12811.03
163-0300	2.00	EA	1104.82	CONSTRUCTION EXIT	2209.64
163-0530	2200.00	LF	1.81	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	3982.0
165-0030	1100.00	LF	1.33	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	1463.0
165-0070	1100.00	LF	1.20	MAINTENANCE OF BALED STRAW EROSION CHECK	1320.0
165-0101	2.00	EA	356.26	MAINTENANCE OF CONSTRUCTION EXIT	712.52
167-1000	2.00	EA	4312.44	WATER QUALITY MONITORING AND SAMPLING	8624.88
167-1500	12.00	MO	1200.00	WATER QUALITY INSPECTIONS	14400.0
171-0030	2200.00	LF	3.07	TEMPORARY SILT FENCE, TYPE C	6754.0
716-2000	500.00	SY	1.15	EROSION CONTROL MATS, SLOPES	575.0
Section Sub Total:					\$53,720.04

Section 04 PERMANENT EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	5.00	AC	752.46	PERMANENT GRASSING	3762.3
700-7000	8.00	TN	51.20	AGRICULTURAL LIME	409.6
700-7010	9.00	GL	19.18	LIQUID LIME	172.62
700-8000	3.00	TN	237.21	FERTILIZER MIXED GRADE	711.63
700-8100	341.00	LB	1.43	FERTILIZER NITROGEN CONTENT	487.63
Section Sub Total:					\$5,543.78

Section 05 BRIDGE NO. 1

Item Number	Quantity	Units	Unit Price	Item Description	Cost
543-9000	1.00	Lump Sum	616000.00	WIDEN EXISTING BRIDGE 14 FT @ 125.00/SF	616000.0
603-2024	900.00	SY	39.95	STN DUMPED RIP RAP, TP 1, 24 IN	35955.0
603-7000	900.00	SY	3.01	PLASTIC FILTER FABRIC	2709.0
Section Sub Total:					\$654,664.00

Total Estimated Cost: \$928,241.65

Subtotal Construction Cost	\$928,241.65
E&C Rate 10.0 %	\$92,824.17
Inflation Rate 5.0 % @ 1.0 Years	\$51,053.29
<hr/>	
Total Construction Cost	\$1,072,119.11
Right Of Way	\$4,000.00
ReImb. Utilities	\$0.00
<hr/>	
Grand Total Project Cost	\$1,076,119.11

QUERY SUMMARY
For Year(s): 2000,2001,2002

Year	County	Route Type	Route Number	Beginning Milelog	Ending Milelog	No. Accidents	No. Vehicles	No. Injuries	No. Fatalities
2000	Calhoun	State Route	023400	5.00	5.58	0	0	0	0
2000	Dougherty	State Route	023400	0.00	1.00	3	4	0	0
2000 SubTotal						3	4	0	0
2001	Calhoun	State Route	023400	5.00	5.58	0	0	0	0
2001	Dougherty	State Route	023400	0.00	1.00	0	0	0	0
2001 SubTotal						0	0	0	0
2002	Calhoun	State Route	023400	5.00	5.58	0	0	0	0
2002	Dougherty	State Route	023400	0.00	1.00	0	0	0	0
2002 SubTotal						0	0	0	0
All Year(s)Total						3	4	0	0

Analysis Report 1

Total Accidents: 3 Total Vehicles: 4 Total Injuries: 0 Total Fatalities: 0

Accident Analysis Report 1

Accident Id	Date	Time	County	Rt TP	Rt No	Mile	IntRt TP	InterRt	Ramp	Inj Fatal	Collision	Loc Impact	Harmful Event	Light	Surf D1	D2	VM1	VM2	
01530552	05/10/2000	03:59:PM	Dougherty	State	023400	.00	2	002000		0	0	3-Rear End	1-On Roadway	1-Daylight	Dry	S	E	05	04
02940247	09/09/2000	12:24:PM	Dougherty	State	023400	.19				0	0	6-Not A Collision	3-Off Roadway	1-Daylight	Dry	W		05	
03640076	11/11/2000	05:30:PM	Dougherty	State	023400	.49				0	0	6-Not A Collision	1-On Roadway	1-Daylight	Dry	E		05	

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-0524(9), Calhoun County **OFFICE** Environment/Location
P.I. # 442951

DATE June 19, 2002

FROM Harvey D. Keeper., State Environment/Location Engineer

TO James B. Buchan, P.E., State Consultant Design Engineer.
Attn. Ted Cashin

SUBJECT S.R. 234 at Chickasawhatchee Creek 8 MI NE of Leary in
Calhoun County.

We are furnishing estimated Traffic Assignments for the above project as follows:

2000 AADT = 1950
2008 AADT = 2300
2028 AADT = 3300
K = 9%
D = 60%
T = 5%
24 HOUR T = 7%
S.U. = 3.5%
COMB. = 3.5%

If you have any questions concerning this information please contact
Abby Ebodaghe at (404) 699-4460.

HDK/AFE

Bridge Inventory Data Listing

Georgia Department of Transportation

Structure ID: 037-0024-0

Calhoun

SUFF. RATING: 60.51

Location & Geography

* Structure ID: 037-0024-0
 * 200 Bridge Information: 06
 * 6A Feature Int: CHICKASAWHATCHEE CREEK
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: SR00234
 * 7B Facility Carried: SR 234
 * 9 Location: 8 MINE OF LEARY
 * 2 DOT District: 4
 * 201 Year Photo: 1999
 * 91 Inspection Frequency: 24 Date: 02/06/2003
 * 92A Fract Crit Insp Freq: 00 Date: 02/01/1901
 * 92B Underwater Insp Freq: 60 Date: 04/05/2000
 * 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: 00234
 * Direction: 0
 * 16 Latitude: 31 - 36.4 HMMS Prefix: SR
 * 17 Longitude: 84 - 27.2 HMMS Suffix: 00 MP: 5.57
 * 98 Border Bridge: 000 % Shared: 00
 * 99 ID Number: 0000000000000000
 * 100 STRAHNET: 0
 * 12 Base Highway Network: 1
 * 13A LRS Inventory Route: 371023400
 * 13B Sub Inventory Route: 0
 * 101 Parallel Structure: N
 * 102 Direction of Traffic: 2
 * 264 Road Inventory Mile Post: 005.57
 * 208 Inspection Area: 11 Initials: JWH
 * Engineer's Initial: jal
 * Location I.D. No.: 037-00234D-005.70E

Signs & Attachments

* 104 Highway System: 0
 * 26 Functional Classificati: 07
 * 204 Federal Route Type: S No. 00524
 * 105 Federal Lands Highway: 0
 * 110 Truck Route: 0
 * 206 School Bus Route: 0
 * 217 Benchmark Elevation: 0000.00
 * 218 Datum: 0
 * 19 Bypass Length: 10
 * 20 Toll: 3
 * 21 Maintenance: 01
 * 22 Owner: 01
 * 31 Design Load: 2
 * 37 Historical Significance: 5
 * 205 Congressional District: 02
 * 27 Year Constructed: 1958
 * 106 Year Reconstructed: 0000
 * 33 Bridge Median: 0
 * 34 Skew: 40
 * 35 Structure Flared: 0
 * 38 Navigation Control: 0
 * 213 Special Steel Design: 0
 * 267 Type of Paint: 3
 * 42 Type of Service on: 1
 * Type of Service under: 5
 * 214 Movable Bridge: 0
 * 203 Type Bridge: E N O O
 * 259 Pile Encasement: 1
 * 43 Structure Type Main: 1
 * 45 No. Spans Main: 011
 * 44 Structure Type Appr: 0
 * 46 No. Spans Appr: 0000
 * 226 Bridge Curve Horz: 0
 * 111 Pier Protection: 0
 * 107 Deck Structure Type: 1
 * 108 Wearing Surface Type: 1
 * Membrane Type: 8
 * Deck Protection: 8

Bridge Inventory Data Listing

Georgia Department of Transportation

Structure ID: 037-0024-0

Calhoun

SUFF. RATING: 60.51

Programming Data

201 Project No.:	S-0524 (1)	001500	Year: 2001
202 Plans Available:	1	10	
249 Prop. Proj. No.:	BRST-0524 (9)	02	Under: 00
250 Approval Status:	0 0 0 0	00	Under: 00
251 P.I. No.:	442951-	0032	
252 Contract Date:	02/01/2006	352	
260 Seismic No.:	00000	26.40	
75 Type Work:	34	30.40	
94 Bridge Imp. Cost:	\$ 371	26.40	
95 Roadway Imp. Cost:	\$ 250	2.00 /	2.00
96 Total Imp Cost:	\$ 800	022	
76 Imp. Length	001672		
97 Imp. Year:	1990	Type: 8	Rt: 9.00
114 Future ADT:	002250	Type: 8	Rt: 7.00

Hydraulic Data

215 Waterway Data	0212.6	Year: 1973	
Highwater Elev.:	0000.0	Freq: 00	
Flood Elevation:	0208.6		
Avg. Streambed Elev.:	00000		
Drainage Area:	002880		
Area of Opening:	6		
113 Scour Critical:	11.0	Br. Height: 09.0	
216 Water Depth:	1		
222 Slope Protection:	0	Fwd: 0	
221 Spur Dikes Rear:	0		
219 Fender System	0		
220 Dolphin:	000		
223 Culvert Cover:	0		
Type:	0		
No. Barrels:	0	Height: 0.00	
Width:	0	Apron: 0	
Length:	2	Diver: WCS	
265 U/W Insp. Area:	037-00234D-005.70E		

Ratings

* 29 ADT:	001500	Year: 2001	
109 % Trucks:	10		
* 28 Lanes On:	02	Under: 00	
210 No. Tracks On:	00	Under: 00	
* 48 Max. Span Length:	0032		
* 49 Structure Length:	352		
51 Br. Rwdy. Width:	26.40		
52 Deck Width:	30.40		
* 47 Tot. Horiz. Cl:	26.40		
50 Curb / Sidewalk Width:	2.00 /	2.00	
32 Approach Rdwy. Width:	022		
* 229 Shoulder Width:			
Rear Lt:	9.00	Type: 8	Rt: 9.00
Fwd Lt:	7.00	Type: 8	Rt: 7.00
Pavement Width:			
Rear:	22.00	Type: 2	
Fwd:	24.00	Type: 2	
Intersection Rear:	0	Fwd: 0	
36 Safety Features Br. Rail:	2		
Transition:	2		
App. G. Rail:	1		
App. Rail End:	1		
53 Minimum Cl. Over:	99 ' 99 "		
Under:	N	00 ' 00 "	
* 228 Minimum Vertical Cl			
Act. Odm Dir:	99 ' 99 "		
Oppo. Dir:	99 ' 99 "		
Posted Odm. Dir:	00 ' 00 "		
Oppo. Dir:	00 ' 00 "		
55 Lateral Undercl. Rt:	N	99.90	
56 Lateral Undercl. Lt:		0.00	
* 10 Max Min Vert Cl:	99 ' 99 "	Dir: 0	
39 Nav Vert Cl:	000	Horiz: 0000	
116 Nav Vert Cl Closed:	000		
245 Deck Thickness Main:	6.00		
Deck Thick. Approach:	0.00		
246 Overlay Thickness:	0.00		
212 Year Last Painted:	Sup: 0000	Sub: 1958	

Posting Data

70 Bridge Posting Required:	5		
41 Struct Open, Posted, CL:	A		
* 103 Temporary Structure:	0		
232 Posted Loads			
H-Modified:	00		
HS-Modified:	00		
Type 3:	00		
Type 3s2:	00		
Timber:	00		
Piggyback:	00		
253 Notification Date:	02/01/1901		
258 Fed Notify Date:	02/01/1901		

Bridge Inventory Data Listing

Georgia Department of Transportation

Structure ID: 095-0054-0

Dougherty

SUFF. RATING: 91.72

Programming Data

201 Project No.: S-0524 (1)
 202 Plans Available: 1
 249 Prop. Proj. No. 00000000000000000000000000000000
 250 Approval Status: 0 0 0 0
 251 P.I. No.: 0000000
 252 Contract Date: 02/01/1901
 260 Seismic No.: 00000
 75 Type Work: 0
 94 Bridge Imp. Cost: \$0
 95 Roadway Imp. Cost: \$0
 96 Total Imp Cost: \$0
 76 Imp. Length: 000000
 97 Imp. Year: 0000
 114 Future ADT: 002850 Year: 2020

Measurements

* 29 ADT: 001900 Year: 2000
 109 % Trucks: 10
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0009
 * 49 Structure Length: 30
 51 Br. Rwdy. Width: 0.00
 52 Deck Width: 0.00
 * 47 Tot. Horiz. Cl: 34.00
 50 Curb / Sidewalk Width: 0.00 / 0.00
 32 Approach Rdwy. Width: 024
 * 229 Shoulder Width:
 Rear Lt: 5.00 Type: 8 Rt: 5.00
 Fwd Lt: 5.00 Type: 8 Rt: 5.00
 Pavement Width:
 Rear: 24.00 Type: 2
 Fwd: 24.00 Type: 2
 Intersection Rear: 0 Fwd: 0
 36 Safety Features Br. Rail:
 Transition:
 App. G. Rail:
 App. Rail End:
 53 Minimum Cl. Over: Under:
 * 228 Minimum Vertical Cl
 Act. Odm Dir: 99 ' 99 "
 Opp. Dir: 99 ' 99 "
 Posted Odm. Dir: 00 ' 00 "
 Opp. Dir: 00 ' 00 "
 55 Lateral Undercl. Rt: N 99.90
 56 Lateral Undercl. Lt: 0.00
 * 10 Max Min Vert Cl: 99 ' 99 " Dir: 0
 39 Nav Vert Cl: 000 Horiz: 0000
 116 Nav Vert Cl Closed: 000
 245 Deck Thickness Main: 0.00
 Deck Thick. Approach: 0.00
 246 Overlay Thickness: 0.00
 212 Year Last Painted: Sup: 0000 Sub: 0000

Ratings

65 Inventory Rating Method: 2
 63 Operating Rating Method: 2
 66 Inventory Type: 2 Rating: 27
 64 Operating Type: 2 Rating: 46
 231 Calculated Loads
 H-Modified: 00 0
 HS-Modified: 00 0
 Type 3: 00 0
 Type 3s2: 00 0
 Timber: 00 0
 Piggyback: 00 0

261 H Inventory Rating: 15
 262 H Operating Rating: 21
 67 Structural Evaluation: 6
 58 Deck Condition: N
 59 Superstructure Condition: N
 * 227 Collision Damage: 0
 60A Substructure Condition: N
 60B Scour Condition: 5
 60C Underwater Condition: N
 71 Waterway Adequacy: 8
 61 Channel Protection Cond: 8
 68 Deck Geometry: N
 69 UnderClr. Horz/Vert: N
 72 Appr. Alignment: 8
 62 Culvert: 7

Hydraulic Data

215 Waterway Data
 Highwater Elev.: 0194.4 Year: 1979
 Flood Elevation: 0000.0 Freq.: 00
 Avg. Streambed Elev.: 0191.8
 Drainage Area: 00000
 Area of Opening: 000162
 113 Scour Critical: 8
 216 Water Depth: 01.5 Br. Height: 06.0
 222 Slope Protection: 0
 221 Spur Dikes Rear: 0 Fwd: 0
 219 Fender System
 220 Dolphin:
 223 Culvert Cover:
 Type:
 No. Barrels:
 * Width: 9.00 Height: 6.00
 Length: 40 Apron: 0
 * 265 U/W Insp. Area: 0 Diver: ZZZZ
 Location I.D. No.: 095-00234D-000.29E

Posting Data

70 Bridge Posting Required: 5
 41 Struct Open, Posted, CL: A
 * 103 Temporary Structure: 0
 232 Posted Loads
 H-Modified: 00
 HS-Modified: 00
 Type 3: 00
 Type 3s2: 00
 Timber: 00
 Piggyback: 00
 253 Notification Date: 02/01/1901
 258 Fed Notify Date: 02/01/1901



Department of Transportation State of Georgia

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(404) 656-5212

EARL MAHFUZ
TREASURER
(404) 656-5224

INTERDEPARTMENT CORRESPONDENCE

May 22, 2002

A handwritten signature in black ink, appearing to be "BGR", is written over the date.

FROM: Buddy Gratton, P.E., State Maintenance Engineer

TO: James B. Buchan, P.E., State Consultant Design Engineer
Attn: Ted Cashin

SUBJECT: Bridge Replacement

**BRST-0524 (9) / Calhoun
Structure ID 037-0024-0
Location ID 037-00234D-005.70E
SR 234 over Chickasawhatchee Creek**

This bridge was built in 1958 and consists of steel piles and concrete bents, concrete T- beam superstructure, and a concrete deck. The original design load capacity is H-15. The sufficiency rating on the structure is 61.4, and the bridge is classified as Functionally Obsolete and requires widening. However, in accordance with DOT policy 2405-1, we recommend that this bridge be replaced though due to unacceptable load capacity. Due to this criteria no additional cost analysis or coring by the lab will be required. This bridge does not currently qualify for federal replacement BR funding but does qualify for federal bridge widening funds, which can be used toward replacement up to the estimated cost of widening. The remaining funds would have to come from another funding source.

If further information is required, please contact Brian Summers at (404) 635-8179.

BG/BKS

cc: Percy Middlebrooks

Department of Transportation State of Georgia

Concept Meeting Minutes April 9, 2004

Project No. BRST 524(9), Calhoun/Dougherty County
PI No. 442951
Description Bridge Replacement: SR 234 @ Chickasawhatchee Creek

A Concept Team Meeting was held for the subject project on Friday, April 09, 2004. The meeting was requested and conducted by Jeff Bridges, GDOT Project Manager. The meeting began at 10:00 am with a basic review of the Draft Concept Report.

Four alternates were presented during the meeting:

Road closure with off-site detour utilizing other Routes
Permanent re-alignment on the south side of SR 234 utilizing the existing bridge for the detour
Permanent re-alignment on the north side of SR 234 utilizing the existing bridge for the detour
Temporary on-site detour

Representatives from various offices were asked to provide any information, comments, or objections relevant to the project

- Joe Burns, District Environmentalist stated that the level of Environmental Analysis would likely be a Categorical Exclusion and require a 404 Nationwide 23 Permit. Wetland impacts will have to be determined. No underground storage tanks or hazardous waste tanks appear to be within the project limits. There are no churches or cemeteries within the project limits. Surveys for archaeological sites and endangered species will be needed. There is possible gopher tortoise habitat near the end of the proposed project on the south side of SR 234. Surveys for possible mussels and indigo snakes will be needed.
- A Utility Cost Estimate was furnished by Bill Cooper, Assistant District Utilities Engineer. Bellsouth is the only facility owner within the project. The Total non-reimbursable cost estimate is \$14,000.00 with no reimbursable costs.
- Don Gaskins, District Scheduling Engineer furnished an estimated schedule which has been incorporated in page 6 of the concept report.
- Danny Gay, Traffic Operations recommending minimizing guardrail by using 4 : 1 slopes and extending any obstructions out of the clear zone.

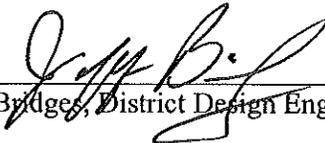
The concept team reviewed the four alternates presented at the meeting. The team agreed that an off-site detour would be impractical due to the travel distance that would be required with a road closure.

Of the two re-alignment alternates, re-aligning SR 234 to the north would require a wider offset between the existing centerline and proposed centerline. This alternate could cause stream impacts and may require a stream buffer variance. At this time, it appears that re-alignment on the south of SR 234 would not cause stream impacts.

A temporary on-site detour would be longer than typical on-site detours due to horizontal curves at each end of the proposed project. The horizontal alignment for a temporary detour would basically match one of the re-alignment routes. Also, due to the large drainage basin, a detour structure at this site would be rather large.

After a review of the four alternates, the concept team recommended the permanent re-alignment on the south side of SR 234.

The meeting was concluded around 10:30 am.



Jeff Bridges, District Design Engineer

RECEIVED

AUG 24 1999



OFFICE OF PROGRAMMING

ORIGINAL
GENERAL FILES

Department of Transportation

State of Georgia

#2 Capitol Square, S.W.

Atlanta, Georgia 30334-1002

July 8, 1999

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(404)656-5277

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DEPUTY COMMISSIONER
(404)656-5212

BILLY F. SHARP
TREASURER
(404)656-5224

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, CALHOUN County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BRST-0524(9) CALHOUN CO., PI # 442951-:

BRIDGES

SR 234 @ CHICKASAWHATCHEE CREEK 8 MI NE OF LEARY

Provide all rights-of-way and/or easements needed for the construction of the project and remove existing structures or obstructions within the rights-of-way.

Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. Reimburse Georgia D.O.T. for any damages paid to the contractor for delay of construction caused by a delay in relocating the publicly owned utilities.

Relocate or adjust all privately owned utilities to clear construction of this project, including adjustments at railroad crossings if required.

Furnish detours, local borrow & waste pits as needed.

~~We support this project but choose not to commit any funding, realizing this may delay the project until additional funding can be found.~~

NOTE: A similar agreement has been sent to DOUGHERTY County.

This ninth day of August, 19 99

APPROVED [Signature]

City/County Official



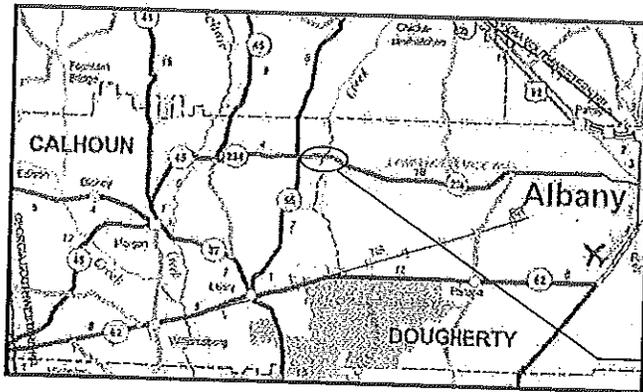
DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

District 4 - Tifton, Ga.

Project Number: BRST 524(9)
County: Calhoun/Dougherty
P. I. Number: 442951

Project Concept Report

Federal Route Number: N/A
State Route Number: 234



Project Location

Bridge Replacement: SR 234 @ Chickasawhatchee Creek

Recommended for approval:

DATE: 4/29/2004

DATE: 4/30/04

Jeff B...
Project Manager

[Signature]
District Engineer

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

DATE: _____

DATE: 5-6-04

DATE: _____

DATE: _____

DATE: _____

DATE: _____

State Transportation Planning Administrator

James ...
Financial Management Administrator

State Environmental/Location Engineer

State Traffic Safety and Design Engineer

Project Review Engineer

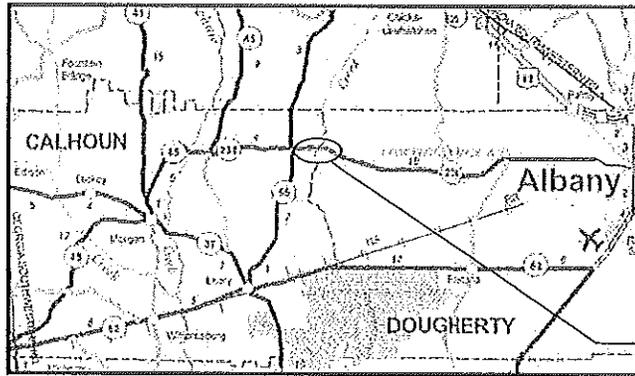
State Bridge Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**
District 4 – Tifton, Ga.

Project Number: BRST 524(9)
County: Calhoun/Dougherty
P. I. Number: 442951

Project Concept Report

Federal Route Number: N/A
State Route Number: 234



Project Location

Bridge Replacement: SR 234 @ Chickasawhatchee Creek

Recommended for approval:

DATE: 4/29/2004

DATE: 4/30/04

Jeff B...
Project Manager
[Signature]
District Engineer

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

DATE: 5/7/04

[Signature]
State Transportation Planning Administrator

DATE: _____

Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

DATE: _____

State Bridge Design Engineer

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

District 4 – Tifton, Ga.

Project Number: BRST 524(9)

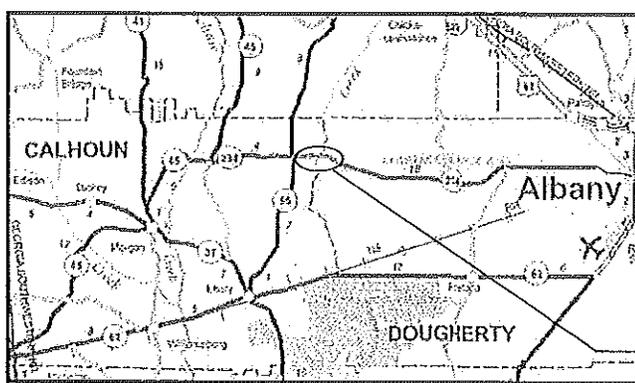
County: Calhoun/Dougherty

P. I. Number: 442951

Project Concept Report

Federal Route Number: N/A

State Route Number: 234



Project Location

Bridge Replacement: SR 234 @ Chickasawhatchee Creek

Recommended for approval:

DATE: 4/29/2004

DATE: 4/30/04


Project Manager

District Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

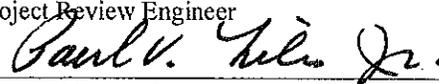
DATE: _____

State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

DATE: 5/13/04

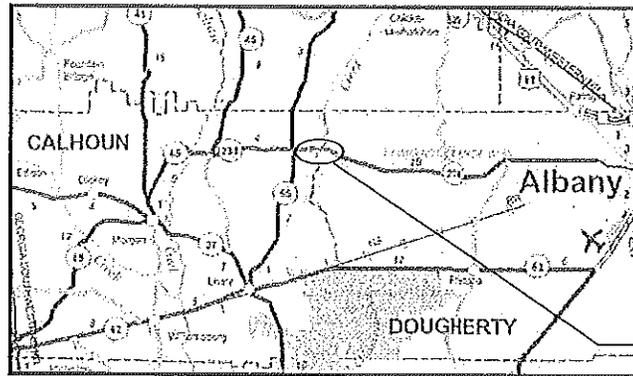

State Bridge Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 4 – Tifton, Ga.

Project Number: BRST 524(9)
County: Calhoun/Dougherty
P. I. Number: 442951

Project Concept Report

Federal Route Number: N/A
State Route Number: 234



Project Location

Bridge Replacement: SR 234 @ Chickasawhatchee Creek

Recommended for approval:

DATE: 4/29/2004

DATE: 4/30/04

Project Manager

District Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

Financial Management Administrator

DATE: 5.18.2004

State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

DATE: _____

State Bridge Design Engineer

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: BRST-524(9), Calhoun/Dougherty Counties
P.I. No. 442951

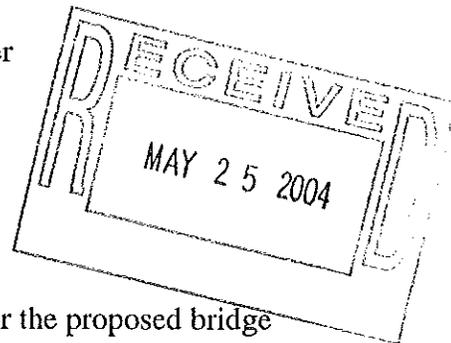
Office: Traffic Safety & Design
Atlanta, Georgia

Date: May 14, 2004

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

To: Meg Pirkle, Assistant Director of Preconstruction

Subject: Project Concept Report Review



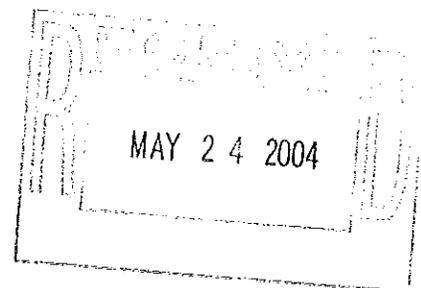
We have reviewed the above referenced concept report for the proposed bridge replacement on SR 234 over Chickasawhatchee Creek in Calhoun and Dougherty Counties.

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

PMA/sz

Attachment (signature page)

Cc: Harvey Keepler, State Environment/Location Engineer
David Crim, District Engineer
Attention: Jeff Bridges, District Design Engineer
David Mulling, State Review Engineer, w/ attachment
Joe Palladi, State Transportation Planning Administrator
Paul Liles, State Bridge & Structural Design Engineer
General Files
Office Files

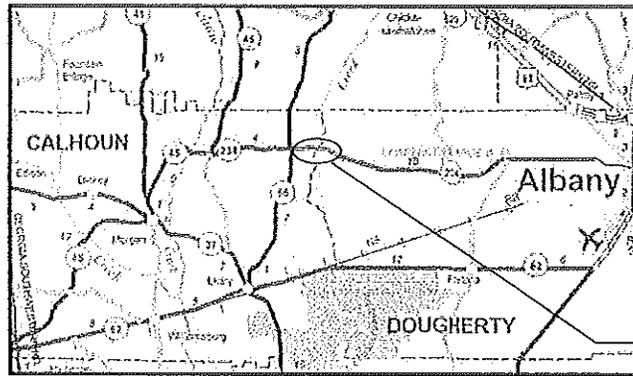


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Jeff Brife
Project Manager
[Signature]
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Phillip M. Allen
State Traffic Safety and Design Engineer

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DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

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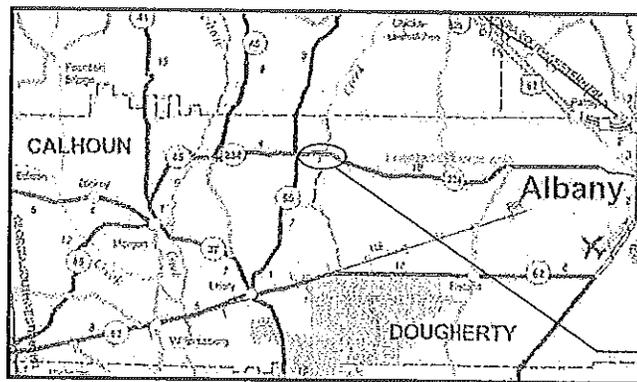
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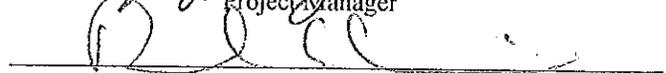
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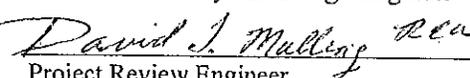
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