

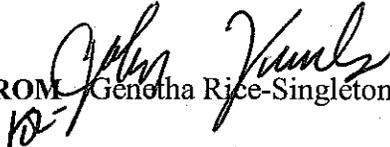
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0007247, Grady County
CSBRG-0007-00(247)
CR 169/Stage Coach Road over Barnett's Road-
- Bridge replacement

OFFICE Preconstruction

DATE December 12, 2008

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

Attachment

DISTRIBUTION:

Ron Wishon
Glenn Bowman
Ken Thompson
Michael Henry
Keith Golden
Joe Sheffield
Angela Alexander
Sandy Griffin
Brent Thomas
BOARD MEMBER

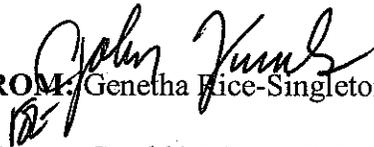
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: P.I. No. 0007247, Grady County
CSBRG-0007-00(247)
CR 169/Stage Coach Road over Barnett's Creek -
Bridge Replacement

OFFICE: Preconstruction

DATE: October 24, 2008


FROM: Genetha Rice-Singleton, Assistant Director of Preconstruction

TO: Gerald M. Ross, P.E., Chief Engineer

SUBJECT: PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on CR 169/Stage Coach Road over Barnett's Creek, 9.4 miles northeast of Cairo, Georgia. The existing bridge, constructed in 1965, is a 105' x 24' wood/concrete structure with a sufficiency rating of 33. County Road 169 at this location is a two lane roadway, one 10' lane in each direction, with 5' rural shoulders. County Road 169 is classified as a rural local road. The existing traffic (2006) along this section of CR 169 is 200 VPD. The design year (2032) volumes are projected to be 500 VPD. The posted and proposed speed design is 55 MPH.

The project proposes to construct a new 200' x 26' concrete bridge over Barnett's Creek at the existing bridge site. The approaches will consist of two, 10' lanes with 5' rural shoulders. The existing bridge will be closed to traffic during construction. Grady County will be responsible for the signing and maintenance or detour routes.

Environmental concerns include requiring a COE 404 permit; Categorical Exclusion will be prepared; an offsite detour PIOH will be held; Time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C)	\$1,516,000	\$2,642,000	L110	2011
Right-of-way & Utilities	Local	Local	Local	Local

* Grady County signed PFA for right-of-way and utilities 03-02-06

P.I. No. 0007247, Grady County
Page 2
October 24, 2008

I recommend this project concept be approved.

GRS: JDQ
Attachment

CONCUR *Brent H. Rice - Siter for Preconstruction*
Director of Preconstruction

APPROVED *Gerald M. Ross*
Gerald M. Ross, P.E., Chief Engineer

* CONSIDER PRECAST STRUCTURE FOR CHIEF ENGINEER

Jall
12/12/2008

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

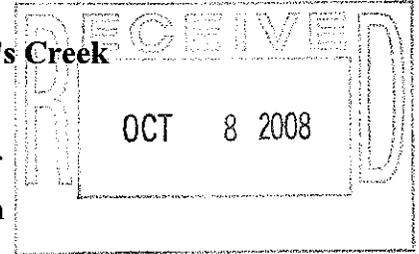
INTERDEPARTMENT CORRESPONDENCE

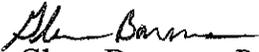
FILE: P.I. No. 0007247

OFFICE: Environment/Location

PROJECT No. CSBRG-0007-00(247) / GRADY County DATE: 10/6/08

Bridge Replacement: CR 169 / Stage Coach Road over Barnett's Creek



FROM:  Glenn Bowman, P.E., State Environmental/Location Engineer
TO: Genetha Rice-Singleton, Assistant Director of Preconstruction
SUBJECT: PROJECT CONCEPT REPORT REVIEW

The Concept Report for the above project has been reviewed and appears satisfactory subject to the following comments:

1. The bridge is listed as Not Eligible for the National Register in the updated GHBS.
2. A detour meeting must be held prior to the submittal of the CE. Also, note that Barnett's Creek is a known site for federally endangered mussels, and an aquatic survey will need to be done that could affect the project schedule.

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

GB:lc

cc: Brian Summers
Angela Whitworth
Keith Golden
Angela Alexander
Joe Sheffield
Paul Liles

20 August, 2008

State of Georgia
Department of Transportation

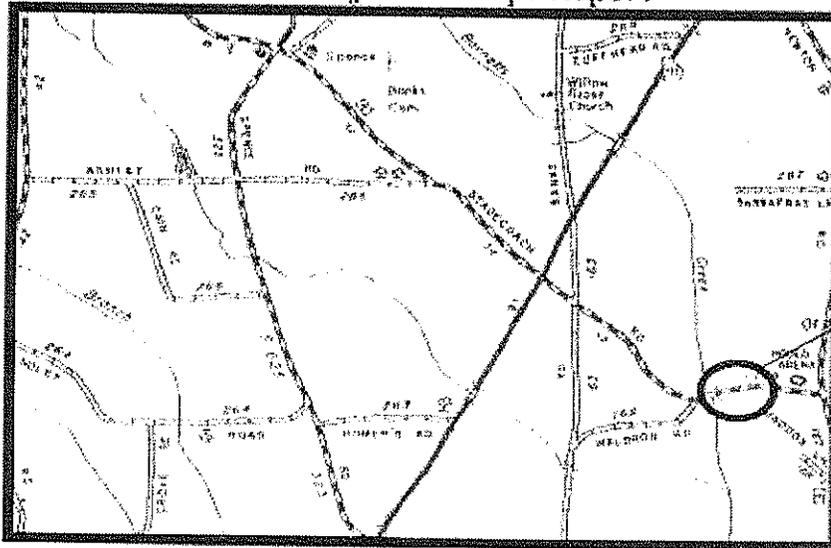
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 4 - Tifton, GA

Project Number: CSBRG-0007-00(247)

County: Grady

P. I. Number: 0007247

Draft Project Concept Report



Project Location

Federal Route Number: N/A

State Route Number: N/A

County Rd. # 169

Bridge Replacement: CR 169 / Stage Coach Rd. over Barnett's Creek

Recommended for approval:

DATE: 8/21/08

Naphtal D. Luff
Project Manager

DATE: 8-22-08

John W. Buffler
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: 9/25/08

Bruce K. Sumner
Project Review Engineer

DATE: _____

State Bridge Design Engineer

9-2-08

20 August, 2008

State of Georgia
Department of Transportation

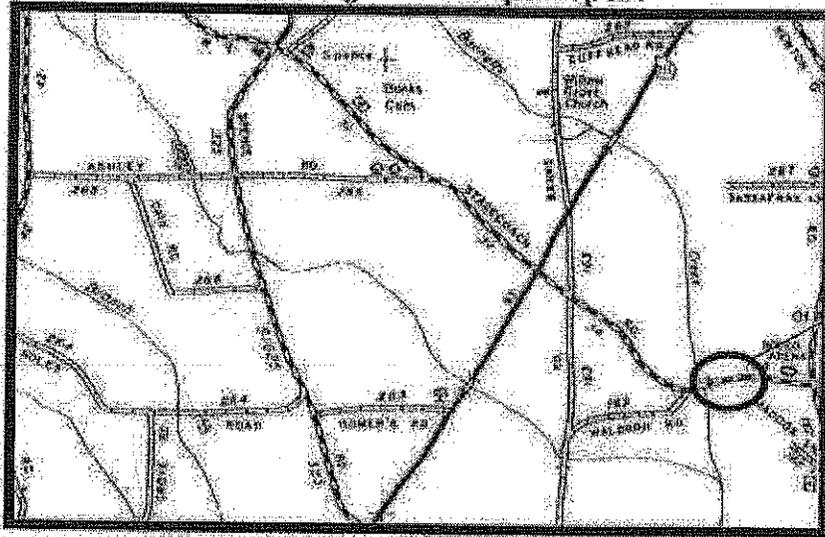
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 4 - Tifton, GA

Project Number: CSBRG-0007-00(247)

County: Grady

P. I. Number: 0007247

Draft Project Concept Report



Project Location

Federal Route Number: N/A
State Route Number: N/A
County Rd. # 169

Bridge Replacement: CR 169 / Stage Coach Rd. over Barnett's Creek

Recommended for approval:

DATE: 8/21/08

DATE: 8-22-08

Naphtal S. Lippert
Project Manager

Joel W. Buehler
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: 9-10-08

Angela D. Whitworth
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

[Handwritten signatures and initials]

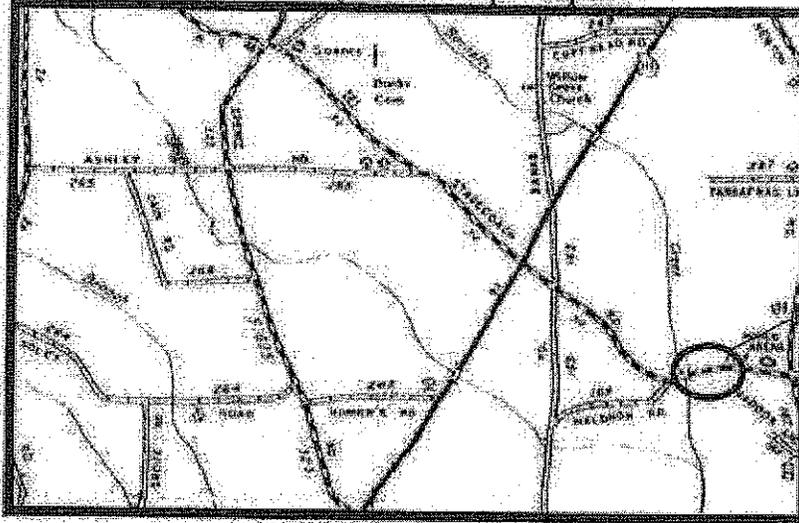
23 September, 2008

State of Georgia
Department of Transportation

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 4 - Tifton, GA

Project Number: CSBRG-0007-00(247)
County: Grady
P. I. Number: 0007247

Draft Project Concept Report



Project Location

Federal Route Number: N/A
State Route Number: N/A
County Rd. # 169

Bridge Replacement: CR 169 / Stage Coach Rd. over Barnett's Creek

Recommended for approval:

DATE: 9/23/08

Ralph S. Coffey
Project Manager

DATE: 9-23-08

Joe W. Traylor
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: 9-29-08

Angela O. Whitworth
Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

DATE: _____

State Bridge Design Engineer

23 September, 2008

State of Georgia
Department of Transportation

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

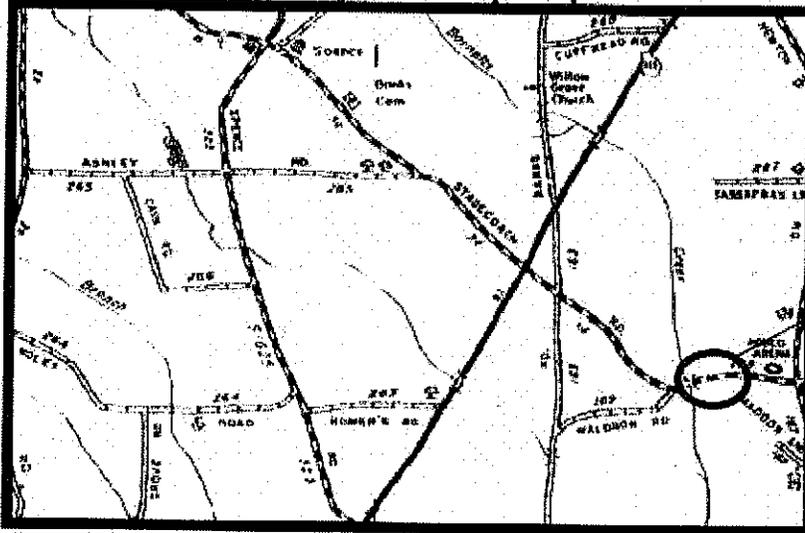
District 4 - Tifton, GA

Project Number: CSBRG-0007-00(247)

County: Grady

P. I. Number: 0007247

Draft Project Concept Report



Project Location

Federal Route Number: N/A

State Route Number: N/A

County Rd. # 169

Bridge Replacement: CR 169 / Stage Coach Rd. over Barnett's Creek

Recommended for approval:

DATE: 9/23/08

DATE: 9-23-08

Ralph S. Giffin

Project Manager

Joel W. Moffatt

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: 9/25/08

Paul V. Tiller Jr

State Bridge Design Engineer

23 September, 2008

State of Georgia
Department of Transportation

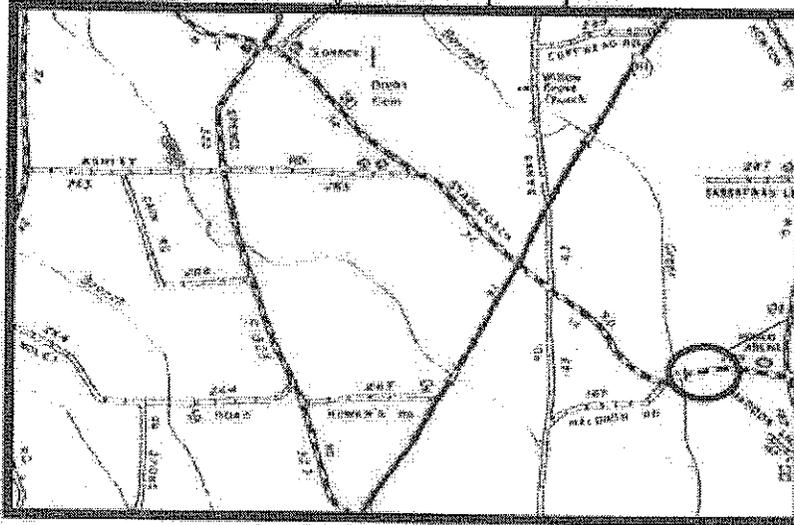
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 4 - Tifton, GA

Project Number: CSBRG-0007-00(247)

County: Grady

P. I. Number: 0007247

Draft Project Concept Report



Federal Route Number: N/A
State Route Number: N/A
County Rd. # 169

Bridge Replacement: CR 169 / Stage Coach Rd. over Barnett's Creek

Recommended for approval:

DATE: 9/23/08

DATE: 9-23-08

Naph S. Cooper
Project Manager

Joe W. Johnson
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: 9-29-08

David S. Hill
State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

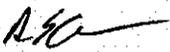
DATE: _____

State Bridge Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE CSBRG-0007-00(247), Grady County **OFFICE** Tifton, GA
PI No.0007247 **DATE** September 24, 2008
Bridge Replacement: CR 169/Stage
Coach Rd. over Barnett's Creek

FROM 
Ralph S. Griffin, District Design Engineer

TO Genetha Rice - Singleton, 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.

RSG;sg

Attachment

CC:

Brian Summers, Project Review Engineer – Engineering Services
Glenn Bowman, State Environmental/Location Engineer
Keith Golden, State Traffic Safety and Design Administrator
Angela T. Alexander, State Transportation Planning Administrator
Jamie Simpson, Financial Management Administrator
Paul Liles, State Bridge Design Engineer

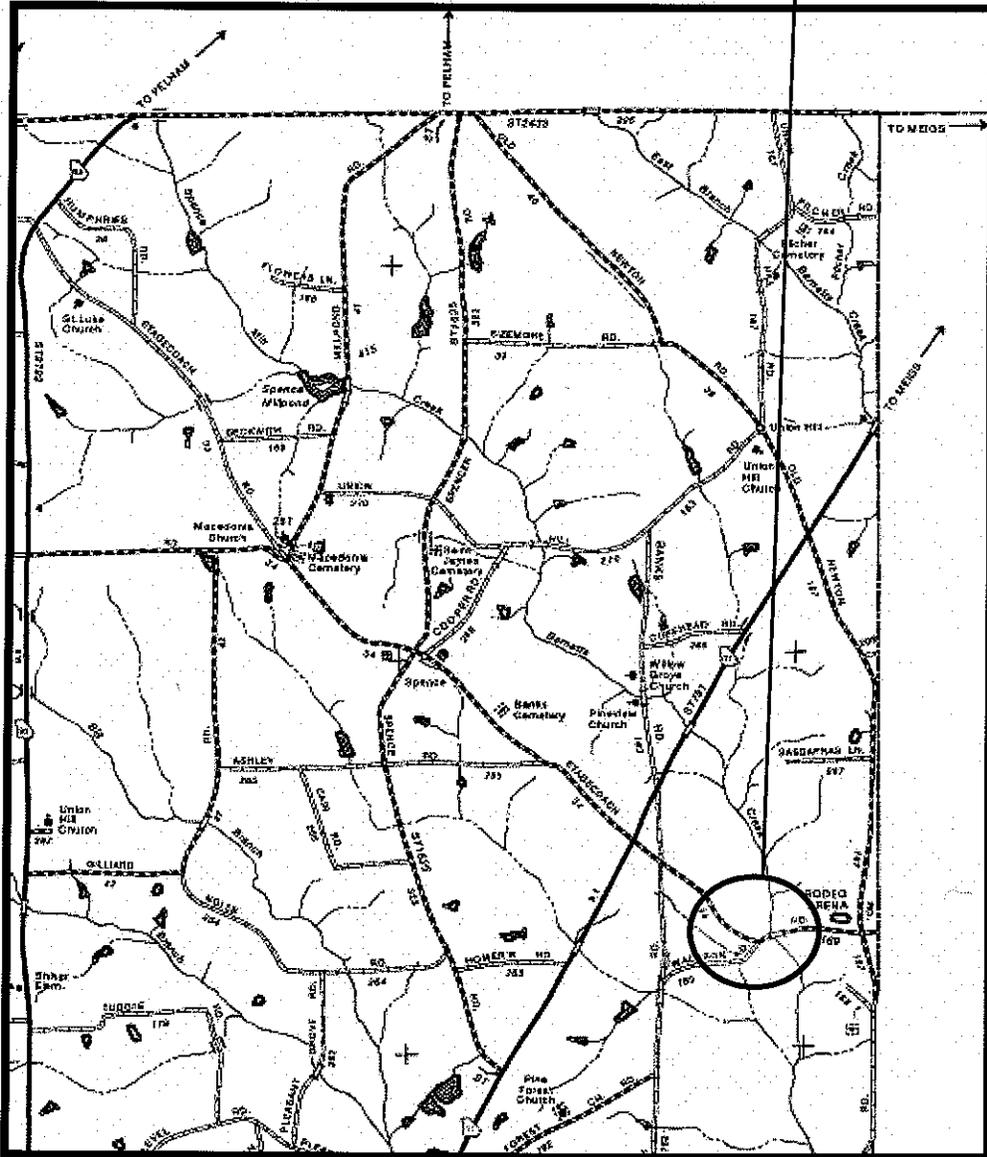
23 September, 2008

State of Georgia
Department of Transportation

Project Concept Report Page: 2
Project Number: CBRSG-0007-00(247)
P. I. Number: 0007247
County: Grady

LOCATION MAP

Project Location



PI.: 007247

Project No.: CSBRG-0007-00(247)

Bridge Replacement: CR 169 / Stage Coach Road over Barnett's Creek.

23 September, 2008

State of Georgia
Department of Transportation

Project Concept Report Page: 3
Project Number: CBRSG-0007-00(247)
P. I. Number: 0007247
County: Grady

NEED AND PURPOSE
PROJECT CSBRG-0007-00(247) GRADY COUNTY
P.I. NO 0007247
Bridge Replacement
CR 169 / Stage Coach Rd. over Barnett's Creek

The existing bridge on County Road 169 (Stage Coach Rd.) over Barnett's Creek in Grady County carried an average of 200 vehicles per day in the year 2006, which included school bus traffic. This traffic volume represents a Level-of-Service "A", which is acceptable. This two-lane bridge was constructed in 1965 and is not on a designated bike route.

The structural evaluation code for the bridge is a 4 and the sufficiency rating is a 33.22. This bridge is also listed on the current Highway Bridge Replacement and Rehabilitation Program Selection List maintained by the Department's Office of Maintenance. In accordance with GDOT TOPPS MOG 2405-1, a sufficiency rating less than 50 and a bridge listed on the current Highway Bridge Replacement and Rehabilitation Program Selection List meets eligibility requirements for replacement and HBRRP Funding. This bridge meets the current policy for replacement.

For the year 2012, the traffic volume is projected to be 300 vehicles per day. By the year 2032, traffic volume is projected to grow to 500 vehicles per day. For both conditions, the Level-of-Service will be "A", which is acceptable.

Because the bridge is considered structurally deficient, GDOT has a proposed project CBRSG-0007-00(247) to replace the bridge with a new structure. There are no other associated projects in the area and this project has independent utility.

This project does not disproportionately burden or benefit any particular community. The project is surrounded by mainly wooded/agricultural land that is underdeveloped. The minority population for census tract 131319501 is 11.5%. The average minority population of the State of Georgia is 38% and of Grady County is 30.6% according to the 2000 Census Data. Approximately 19.0% of Grady County residents are below the poverty level compared to a state average of 13%. The project is considered to be a benefit to all of the communities that use the bridge because of the improved bridge condition.

Description of the project:

This project will replace the narrow and structurally deficient bridge on CR 169 / Stagecoach Road over Barnett's Creek with a new reinforced concrete bridge. This project is located in Grady County, approximately 9.4 miles Northeast of Cairo Georgia, in the 17th Land District, Land Lot No. 148 and Ga. Militia District 1440. The proposed project will be approximately 0.23 miles in length.

23 September, 2008

State of Georgia
Department of Transportation

Project Concept Report Page: 4
Project Number: CBRSG-0007-00(247)
P. I. Number: 0007247
County: Grady

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 Local

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

Traffic (AADT):
Current Year: (2006) 200 Design Year: (2032) 500

Existing Design Features:

- Typical Section: Two-lane roadway - one 10'-0" travel lane in each direction, 5' grassed shoulders w/open ditches.
- Posted Speed 55 mph Maximum degree curvature 4° 59' 13"
- Maximum Grade: 4.589 %
- Width of right of way: 80 ft.
- Major structures: 24' x 105' wood/concrete bridge
- Major interchanges or intersections along the project: NONE
- Existing length of roadway segment and the beginning mile logs for each county segment: Project begins at Mile Log 9.4 and extends northeast 0.23 miles.

Proposed Design Features:

- Proposed typical section(s): Two-lane roadway - one 10' travel lane in each direction, 5' grassed shoulders w/open ditches.
- Proposed Design Speed Mainline 55 mph
- Proposed Maximum grade Mainline 3.583 % Maximum grade allowable 7%
- Proposed Maximum grade Side Street 2% Maximum grade allowable 7%
- Proposed Maximum grade driveway 10 %
- Proposed Maximum degree of curve 4° 59' 13" Maximum degree allowable 6°00'00"
- Right off way
 - ⇒ Width: Variable from 125ft. to 155ft.
 - ⇒ Easements: Temporary , Permanent , Utility , Others
 - ⇒ Type of access control: Full , Partial , By Permit , Others
 - ⇒ Number of parcels 6 Number of displacements:
 - ⇒ Business: 0
 - ⇒ Residents: 0
 - ⇒ Mobile homes: 0
 - ⇒ Others: 0

Project Concept Report Page: 5
Project Number: CBRSG-0007-00(247)
P. I. Number: 0007247
County: Grady

*Should consider
precast*

D. Williams

- Structures:
 - ⇒ Bridges: 26' x 200' Reinforced Concrete Bridge
 - ⇒ Retaining walls: None
- Major intersections and interchanges: None
- Traffic control during construction: Traffic to be maintained by offsite detour.

• Design Exceptions to controlling criteria anticipated:

	UNDETERMINED	YES	NO
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:
- 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:
- Project responsibilities:
 - ⇒ Design, GDOT
 - ⇒ Right of Way Acquisition, Grady County
 - ⇒ Relocation of Utilities, Grady County, Utility Owners
 - ⇒ Letting to contract, GDOT
 - ⇒ Supervision of construction, GDOT
 - ⇒ Providing material pits, N/A
 - ⇒ Providing detours, Grady County

23 September, 2008

State of Georgia
Department of Transportation

Project Concept Report Page: 6
Project Number: CBRSG-0007-00(247)
P. I. Number: 0007247
County: Grady

Coordination:

- Initial Concept Meeting Date _____
- Concept Meeting Date Nov. 8, 2007
- P. A. R. Meeting Date _____
- Public involvement: Public Information Detour Meeting
- Local government comments: See attached minutes
- Other projects in area: None
- Other coordination to date: None
- Railroads: None

Scheduling – Responsible Parties' Estimate

- Time to complete environmental process: 18 Months.
- Time to complete preliminary construction plans: 12 Months.
- Time to complete right of way plans: 4 Months.
- Time to complete the Section 404 Permit: 12 Months.
- Time to complete final construction plans: 12 Months.
- Time to complete to purchase right of way: 12 Months.
- List other major items that will affect the project schedule: None

Other alternates considered: An onsite detour was considered, but due to possible environmental impacts this alternate was abandoned.

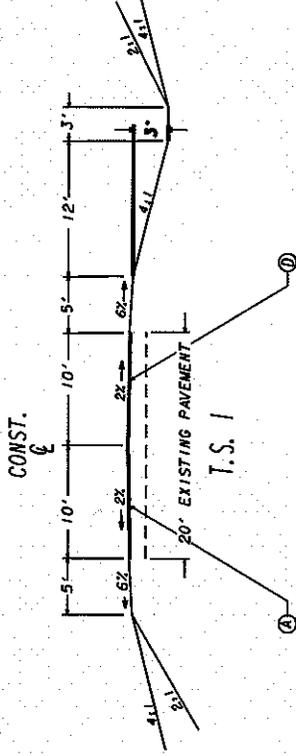
Comments:

Attachments:

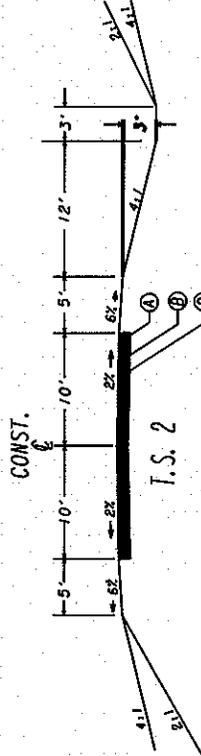
1. Typical Section
2. Cost Estimate
3. Accident Summaries
4. Traffic Assignment
5. Bridge Inventory
6. Minutes of Concept Meeting
7. PFA
8. Location and Design Notice
9. Preliminary Plan Layout

STATE	PROJECT NUMBER	SHEET TOTAL
GA.	CSBRG-0007-001247	NO. SHEETS
		5

TYPICAL SECTIONS



OVERLAY SECTION
 STA. 56+00.00 TO 57+00.00
 STA. 66+00.00 TO 68+00.00



FULL DEPTH SECTION
 STA. 57+00.00 TO 61+26.02
 STA. 63+26.02 TO 66+00.00

SLOPE CONTROLS - FEET	
SLOPE	FILL
4:1	0-11.5
2:1	11.5-12.5

NOTE:
 CUT SLOPES MAY BE A MAXIMUM OF 2:1
 TO REMAIN WITHIN THE RIGHT-OF-WAY LIMITS.
 FILL SLOPES DEEPER THAN 4:1 WILL
 REQUIRE TERRACING.

- (A) 125 LB/70² ASPH. CONC. 9.5 mm TYPE 1 SUPERPAVE
- (B) 220 LB/70² ASPH. CONC. 19 mm SUPERPAVE
- (C) 8" GRADED AGGREGATE BASE
- (D) LEVELING AS DIRECTED BY THE ENGINEER

TYPICAL SECTIONS
 CSBRG-0007-001247
 GRADY COUNTY
 PI-0007247
 SHEET 1 OF 1
 NO SCALE

Estimate Report for file "007247"

Section ROADWAY					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	5000.00	TRAFFIC CONTROL -	5000.00
210-0100	1	LS	150000.00	GRADING COMPLETE -	150000.00
310-5080	1556	SY	16.83	GR AGGR BASE CRS, 8 INCH, INCL MATL	26187.48
318-3000	50	TN	23.64	AGGR SURF CRS	1182.00
402-1812	50	TN	93.00	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	4650.00
402-3100	139	TN	82.00	RECYCLED ASPH CONC 9.5 mm SUPERPAVE, TYPE I, GP I OR BLEND 1, INCL BITUM MATL & H LIME	11398.00
402-3190	171	TN	80.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	13680.00
413-1000	151	GL	1.96	BITUM TACK COAT	295.96
433-1000	217	SY	152.70	REINF CONC APPROACH SLAB	33135.90
441-0301	4	EA	2174.89	CONC SPILLWAY, TP 1	8699.56
500-3101	1	CY	581.59	CLASS A CONCRETE	581.59
550-2240	26	LF	37.65	SIDE DRAIN PIPE, 24 IN, H 1-10	978.90
550-2300	55	LF	47.66	SIDE DRAIN PIPE, 30 IN, H 1-10	2621.30
550-3424	2	EA	638.43	SAFETY END SECTION 24 IN, SIDE DRAIN, 4:1 SLOPE	1276.86
550-3630	2	EA	1286.54	SAFETY END SECTION 30 IN, SIDE DRAIN, 6:1 SLOPE	2573.08
576-1018	64	LF	37.24	SLOPE DRAIN PIPE, 18 IN	2383.36
634-1200	13	EA	101.14	RIGHT OF WAY MARKERS	1314.82
641-1100	84	LF	48.31	GUARDRAIL, TP T	4058.04
641-1200	250	LF	16.01	GUARDRAIL, TP W	4002.50
641-5001	2	EA	635.33	GUARDRAIL ANCHORAGE, TP 1	1270.66
641-5012	2	EA	1778.08	GUARDRAIL ANCHORAGE, TP 12	3556.16
Section Sub Total:					\$278,846.17

Section TEMPORARY EROSION CONTROL					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	4	AC	703.86	TEMPORARY GRASSING	2815.44
163-0240	64	TN	159.79	MULCH	10226.56
163-0300	2	EA	1676.23	CONSTRUCTION EXIT	3352.46
163-0520	160	LF	17.45	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	2792.00
163-0528	175	LF	12.00	CONSTRUCT AND REMOVE FABRIC CHECK DAM - TYPE C SILT FENCE	2100.00
163-0529	585	LF	8.00	CONSTRUCT AND REMOVE TEMPORARY BALED STRAW CHECK DAM	4680.00
165-0030	1273	LF	1.63	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	2074.99
165-0041	88	LF	5.00	MAINTENANCE OF CHECK DAM - ALL TYPES	440.00
165-0071	293	LF	5.00	MAINTENANCE OF SEDIMENT BARRIER - BALED STRAW	1465.00
165-0101	2	EA	592.87	MAINTENANCE OF CONSTRUCTION EXIT	1185.74
167-1000	2	EA	1207.94	WATER QUALITY MONITORING AND SAMPLING	2415.88
167-1500	18	MO	953.53	WATER QUALITY INSPECTIONS	17163.54
171-0030	2546	LF	4.04	TEMPORARY SILT FENCE, TYPE C	10285.84
643-8200	351	LF	2.99	BARRIER FENCE (ORANGE), 4 FT	1049.49
Section Sub Total:					\$62,046.94

Section PERMANENT EROSION CONTROL					
Item Number	Quantity	Units	Unit Price	Item Description	Cost

700-6910	4	AC	1063.20	PERMANENT GRASSING	4252.80
700-7000	12	TN	59.69	AGRICULTURAL LIME	716.28
700-7010	12	GL	22.95	LIQUID LIME	275.40
700-8000	5	TN	286.72	FERTILIZER MIXED GRADE	1433.60
700-8100	400	LB	2.32	FERTILIZER NITROGEN CONTENT	928.00
Section Sub Total:					\$7,606.08

Section SIGNING & MARKING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1033	100	SF	19.64	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	1964.00
636-2070	250	LF	8.09	GALV STEEL POSTS, TP 7	2022.50
636-5020	10	EA	82.20	DELINEATOR, TP 2	822.00
636-5030	6	EA	51.95	DELINEATOR, TP 3	311.70
652-5451	2000	LF	0.22	SOLID TRAFFIC STRIPE, 5 IN, WHITE	440.00
652-5452	2000	LF	0.22	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	440.00
654-1001	30	EA	3.12	RAISED PVMT MARKERS TP 1	93.60
657-1054	400	LF	4.98	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	1992.00
657-6054	400	LF	5.02	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	2008.00
Section Sub Total:					\$10,093.80

Section BRIDGE

Item Number	Quantity	Units	Unit Price	Item Description	Cost
540-1101	1	LS	468000.00	REMOVAL OF EXISTING BR, STA NO -	468000.00
543-9000	1	LUMP SUM	520000.00	BRIDGE COMPLETE	520000.00
603-2024	700	SY	53.91	STN DUMPED RIP RAP, TP 1, 24 IN	37737.00
603-7000	700	SY	4.75	PLASTIC FILTER FABRIC	3325.00
Section Sub Total:					\$1,029,062.00

Total Estimated Cost: \$1,387,654.99

Subtotal Construction Cost	\$1,387,654.99
Engineering @ 5.0 %	\$69,382.75
Contingency @ 4.0 % 1 Year(s)	\$58,281.51
Total Construction Cost	\$1,515,319.25
Right Of Way	\$0.00
ReImb. Utilities	\$0.00
Grand Total Project Cost	\$1,515,319.25

QUERY SUMMARY

For Year(s): 2000,2001,2002,2003,2004,2005,2006,2007

Year	County	Route Type	Route Number	Beginning Milelog	Ending Milelog	No. Accidents	No. Vehicles	No. Injuries	No. Fatalities
2000	Grady	County Road	016900	9.00	10.00	0	0	0	0
					2000 SubTotal	0	0	0	0
2001	Grady	County Road	016900	9.00	10.00	0	0	0	0
					2001 SubTotal	0	0	0	0
2002	Grady	County Road	016900	9.00	10.00	0	0	0	0
					2002 SubTotal	0	0	0	0
2003	Grady	County Road	016900	9.00	10.00	0	0	0	0
					2003 SubTotal	0	0	0	0
2004	Grady	County Road	016900	9.00	10.00	0	0	0	0
					2004 SubTotal	0	0	0	0
2005	Grady	County Road	016900	9.00	10.00	0	0	0	0
					2005 SubTotal	0	0	0	0
2006	Grady	County Road	016900	9.00	10.00	0	0	0	0
					2006 SubTotal	0	0	0	0
2007	Grady	County Road	016900	9.00	10.00	0	0	0	0
					2007 SubTotal	0	0	0	0
All Year(s)Total						0	0	0	0

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE CSBRG-0007-00(247) **OFFICE** Environment/Location
Grady County
P.I. # 0007247
DATE October 5, 2006

FROM Harvey D. Keeper, State Environmental/Location Engineer

TO Joe W. Sheffield, District Engineer
Attn. Steve Lasseter

SUBJECT Traffic Assignments for C.R. 169/Stage Coach Road @ Barnettts
Creek.

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

Existing 2006 AADT = 200
2012 AADT = 300
2032 AADT = 500
K = 10%
D = 75%
T. = 4%
24 HR. T. = 5%
S.U. = 5%
COMB. = 0%

If you have any questions concerning this information please contact
Abby Ebodaghe at (404) 699-4454.

HDK/AFE

Bridge Inventory Data Listing

Georgia Department of Transportation.

Structure ID: 131-5049-0

Grady

SUFF. RATING: 33.24

Location & Geography

* Structure ID: 131-5049-0
 * 200 Bridge Information: 06
 * 6A Feature Int: BARNETT'S CREEK
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: CR00169
 * 7B Facility Carried: STAGE COACH ROAD
 * 9 Location: APP 9.4 MI NE OF CAIRO
 2 DOT District: 4
 207 Year Photo: 2008
 * 91 Inspection Frequency: 24 Date: 5/7/2008
 92A Fract Crit Insp Freq: 00 Date: 2/1/1901
 92B Underwater Insp Freq: 60 Date: 2/24/2004
 92C Other Spc. Insp Freq: 00 Date: 2/1/1901
 * 4 Place Code: 00000
 * 5 Inventory Route (O/U): 1
 Type: 4
 Designation: 1
 Number: 00169
 Direction: 0
 Latitude: 31 - 00.4260 HMMS Prefix:
 * 17 Longitude: 84 - 07.7900 HMMS Suffix:
 MP-0.00
 98 Border Bridge: 000 % Shared: 00
 99 ID Number: 0000000000000000
 * 100 STRAHNET: 0
 12 Base Highway Network: 1
 13A LRS Inventory Route: 1312016900
 13B Sub Inventory Route: 0
 101 Parallel Structure: N
 * 102 Direction of Traffic: 2
 * 264 Road Inventory Mile Post: 000.77
 * 208 Inspection Area: 11 Initials: JWH
 Engineer's Initial: sgm

* Location I.D. No.: 131-00169X-000.77E

* 104 Highway System: 0
 * 26 Functional Classification: 09
 * 204 Federal Route Type: 0 No. 00000
 105 Federal Lands Highway: 0
 * 110 Truck Route: 0
 206 School Bus Route: 1
 217 Benchmark Elevation: 0000.00
 218 Datum: 0
 * 19 Bypass Length: 05
 * 20 Toll: 3
 * 21 Maintenance: 02
 * 22 Owner: 02
 * 31 Design Load: 2
 37 Historical Significance: 5
 205 Congressional District: 02
 27 Year Constructed: 1965
 106 Year Reconstructed: 0000
 33 Bridge Median: 0
 34 Skew: 00
 35 Structure Flared: 0
 38 Navigation Control: 0
 213 Special Steel Design: 0
 267 Type of Paint: 0
 * 42 Type of Service on: 1
 Type of Service under: 5
 214 Movable Bridge: 0
 203 Type Bridge: O L O O
 259 Pile Encasement: 3
 * 43 Structure Type Main: 1 01
 45 No. Spans Main: 007
 44 Structure Type Appr: 0 00
 46 No. Spans Appr: 0000
 226 Bridge Curve Horz: 0 Vert 0
 111 Pier Protection: 0
 107 Deck Structure Type: 2
 108 Wearing Surface Type: 1
 Membrane Type: 0
 Deck Protection: 0

Signs & Attachments

225 Expansion Joint Type: 02
 242 Deck Drains: 1
 243 Parapet Location: 0.00
 Height: 0.00
 Width: 0.00
 238 Curb Height: 1.2
 Curb Material: 1
 239 Handrail: 0 0
 * 240 Median Barrier Rail: 0
 241 Bridge Median Height: 0.0
 * Bridge Median Width: 0.0
 230 Guardrail Loc. Dir. Rear: 0
 Fwrd: 0
 Oppo. Dir. Rear: 0
 Oppo. Fwrd: 0
 244 Approach Slab: 0
 224 Retaining Wall: 0
 233 Posted Speed Limit: 55
 236 Warning Sign: 0
 234 Delineator: 0
 235 Hazard Boards: 0
 237 Utilities - Gas: 00
 Water: 00
 Electric: 00
 Telephone: 00
 Sewer: 00
 247 Lighting - Street: 0
 Navigation: 0
 Aerial: 0
 * 248 County Continuity No.: 00

Structure ID: 131-5049-0

Programming Data

201 Project No.: UNKNOWN
202 Plans Available: 0
249 Prop. Proj. No.: BRG-0007-00(247)
250 Approval Status: 0 0 0
251 P.I. No.: 0007247
252 Contract Date: 2/1/1901
260 Seismic No.: 00000
75 Type Work: 311
94 Bridge Imp. Cost: \$140
95 Roadway Imp. Cost: \$53
96 Total Imp Cost: \$230
76 Imp. Length: 000347
97 Imp. Year: 1990
114 Future ADT: 000930 Year: 2027

Measurements

* 29 ADT: 000620 Year: 2007
109 % Trucks: 0
* 28 Lanes On: 02 Under: 00
210 No. Tracks On: 00 Under: 00
* 48 Max. Span Length: 0015
* 49 Structure Length: 105
51 Br. Rwdy. Width: 24.00
52 Deck Width: 25.20
* 47 Tot. Horiz. Cl: 24.00
50 Curb / Sidewalk Width: 0.00 / 0.00
32 Approach Rwy. Width: 020
Rear Lt. 0.0 Type: 7 Rt: 0.0
Fwd Lt. 0.0 Type: 7 Rt: 0.0
Pavement Width:
Rear:
20.0 Type: 2
20.0 Type: 2
0 Fwd: 0
Intersection Rear:
36 Safety Features Br. Rail:
Transition:
App. G. Rail:
App. Rail End:
53 Minimum Cl. Over:
Under:
* 228 Minimum Vertical Cl
Act. Odsm Dir:
Oppo. Dir:
Posted Odsm. Dir:
Oppo. Dir:
55 Lateral Undercl. Rt:
56 Lateral Undercl. Lt:
* 10 Max Min Vert Cl:
39 Nav Vert Cl:
116 Nav Vert Cl Closed:
245 Deck Thickness Main:
Deck Thick. Approach:
246 Overlay Thickness:
212 Year Last Painted: Sup: 0000 Sub: 2006

Ratings

65 Inventory Rating Method: 1
63 Operating Rating Method: 1
66 Inventory Type: 2 Rating: 15
64 Operating Type: 2 Rating: 25
231 Calculated Loads
H-Modified: 13 1
HS-Modified: 17 1
Type 3: 12 1
Type 3S2: 20 1
Timber: 15 1
Piggyback: 00 0
261 H Inventory Rating: 09
262 H Operating Rating: 15
67 Structural Evaluation: 4
58 Deck Condition: 6
59 Superstructure Condition: 6
* 227 Collision Damage: 0
60A Substructure Condition: 4
60B Scour Condition: 6
60C Underwater Condition: 5
71 Waterway Adequacy: 6
61 Channel Protection Cond.: 6
68 Deck Geometry: 4
69 UnderClr. Horz/Vert: N N
72 Appr. Alignment: 8
62 Culvert: N

Posting Data
70 Bridge Posting Required: 1
41 Struct. Open, Posted, CL: P
* 103 Temporary Structure: 0
232 Posted Loads
H-Modified: 06
HS-Modified: 00
Type 3: 00
Type 3S2: 00
Timber: 00
Piggyback: 00
253 Notification Date: 2/1/1901
258 Fed Notify Date: 2/1/1901

Hydraulic Data

215 Waterway Data
Highwater Elev.: 0000.0 Year: 1900
Flood Elevation: 0000.0 Freq.: 00
Avg. Streambed Elev.: 0000.0
Drainage Area: 00000
Area of Opening: U
113 Scour Critical: 09.4 Br. Height: 13.7
216 Water Depth: 1
222 Slope Protection: 0 Fwd: 0
221 Spur Dikes Rear: 0
219 Fender System: 0
220 Dolphin: 0
223 Culvert Cover:
Type:
No. Barrels:
* Width:
* Length:
265 U/W Insp. Area: 2 Diver: RMO
Location I.D. No.: 131-00169X-000.77E

**Department of Transportation
State of Georgia**

**Concept Meeting Minutes
Nov. 8, 2007**

Project No.: CSBRG-0007-00(247), Grady County
PI No.: 0007247
Description: Bridge Replacement over Barnetts Creek
County Road 169 / Stagecoach Rd

A concept meeting for the subject project was held on November 8, 2007. The meeting was requested and conducted by Ralph Griffin, GDOT Project Manager. The meeting was held at the GDOT District Office in Tifton and began at 10:00 am. A sign in sheet was passed around and will be made a part of the minutes. The meeting began with an outline of the Draft Concept Report. Steve Lasseter read the need and purpose of the project.

Joe Burns, District Environmental Engineer, stated that a Categorical Exclusion will be needed. A USACOE 404 Nationwide Permit will be required; there are no known Hazardous waste sites, UST, and Historic sites within the project limits. Mr. Burns stated that he was concerned about a possible Wetland issue and Grady County will be responsible for the purchase of credits for the Wetland mitigation, the county will be notified before the approximate time. A Detour meeting will need to be held 1 to 3 months prior to let date. He also stated that an Ecology and Archaeological survey will determine if there are any protected species or historic sites that need to be addressed. He anticipates 9 to 15 months for environmental documents to clear.

Tim Warren and Bill Cooper, representing the District Utility Department, stated that there are 2 known utilities: Grady Co. E.M.C. and Windstream (telephone) there are approximately 11 poles for E.M.C. with non-reimbursable cost of \$77,000.00 and Windstream has approximately 1,000 ft of line with a non-reimbursable cost of \$13,000.00. Grady Co. will be responsible for reimbursement. He also stated that all cost are preliminary.

Scott Purvis, representing the District Traffic Operations Department, stated that there were no comments at this time.

Yancey Maxwell, Grady County, asked what type material for the piling would be used for the proposed bridge, there are no posted signs, no problem with flooding in the area, and also that they were glad to see the department moving forward with the project.

Sandy Griffin, District Design Engineer replied that possibly PFC or Concrete but it would be determined by the Bridge Department in Atlanta also they would calculate for a 100 year flood elevation to determine the required elevation of the new bridge.

Shane Pridgen, District Planning and Programming Engineer, stated that there were no comments at this time.

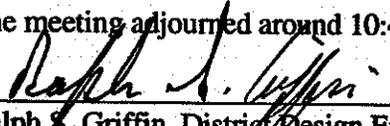
Brent Thomas, District Pre-Construction Engineer, stated that the local government would be responsible for detour and mitigation aspect of the project, he also stated that the contractor would be responsible for the soil and disposal of existing bridge.

Jason Gaines, representing Windstream, stated that there should be no problem that the lines stopped within the project.

Glenn Hester, Grady County E.M.C., was concerned about the width of the R/W.

Randy Herrin, representing the District Construction Department stated that it is a simple road also that PFC and Concrete has been used for bridge piling in the area.

The meeting adjourned around 10:40 am.


Ralph S. Griffin, District Design Engineer

SIGN IN SHEET

PROJECT NO.: CSBRG-0007-00(247)
 P.I. NO.: 0007247
 COUNTY: GRADY
 DATE: 11/8/2007
 TIME: 10:00 AM

NAME	AGENCY	PHONE NO.
Yancey Maxwell	Grady County	277-4607
Shane Pridgen	GDOT	229-386-3045
Steve Lasseeter	GDOT-Design	229-391-6996
Clarice J. Trunk	GDOT-Design	229-386-3301
JASON GAINES	WINDSTREAM	229-217-4569
Brent A. Thomas	GDOT - PRECONSTR.	229-386-3300
Sandy Griffin	GDOT - DDLE	229-386-3618
Scott Purvis	GDOT - T-OPS	229-386-3435
Joe Burns	GDOT- ENVIRONMENTAL	229-386-3046
Tim WARREN	GDOT UTILITIES	229-386-3288
Bill Cooper	GDOT Util. Div	229-386-3288
Alexandra Hester	Grady Fire	229-377-4182
Randy Hester	GDOT	229-524-5760

RECEIVED

MAR 27 '06

DIST # 4

HAROLD E. LINNENKOHL
COMMISSIONER
(404) 656-5206

DAVID E. STUDSTILL, JR., P.E.
CHIEF ENGINEER
(404) 656-5277



Department of Transportation

State of Georgia
#2 Capitol Square, S.W.
Atlanta, Georgia 30334-1002

March 20, 2006



LARRY E. DENT
DEPUTY COMMISSIONER
(404) 656-5212

EARL L. MAHFUZ
TREASURER
(404) 656-5224

The Honorable Robert Burns, Commission Chairman
Grady Commission
250 North Broad Street Box 7
Cairo, Georgia 39828

Dear Chairman Burns:

I am returning for your files an executed agreement between the Georgia Department of Transportation and Grady County for the following projects:

PROJECT#: CSBRG-0007-00(247) Grady County, P.I.#0007247

We look forward to working with you on the successful completion of the joint project. Should you have any questions, please contact Ralph Griffin at (404)635-8139.

Sincerely,

James T. Simpson
James T. Simpson,
Financial Management Administrator

JTS:as

Enclosure

c: Bob Rogers

Thomas Howell - District 3

Jeff Baker - Utilities

Keith Golden

SANNE

TO	OUT	
1		D.E.
2		Constr
		Adm.
		St. Aid
		Maint.
		Pracon
		Loc.
		T & S
3		Util.
		SEO
		Safety
		Marls.
		Design
		Ctr.
		R/W
Return to:		

**AGREEMENT
BETWEEN
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
AND
GRADY COUNTY
FOR
TRANSPORTATION FACILITY IMPROVEMENTS**

This AGREEMENT is made and entered into this 2nd day of March, 2006, by and between the DEPARTMENT OF TRANSPORTATION, an agency of the State of Georgia, hereinafter called the "DEPARTMENT", and GRADY COUNTY acting by and through its Mayor/Chairman and Board of Commissioners, hereinafter called the "SPONSOR".

WHEREAS, the SPONSOR has represented to the DEPARTMENT a desire to improve the transportation facility described in Exhibit A attached and incorporated herein by reference and hereinafter referred to as the "PROJECT"; and

WHEREAS, the SPONSOR has represented to the DEPARTMENT a desire to participate in certain activities of the PROJECT as set forth in this AGREEMENT, and the DEPARTMENT has relied upon such representations; and

WHEREAS, the department has expressed a willingness to participate in certain activities of the PROJECT as set forth in this AGREEMENT.

NOW THEREFORE, in consideration of the mutual promises made of the benefits to flow from one to the other, the DEPARTMENT and the SPONSOR hereby agree each with the other as follows:

1. The SPONSOR shall contribute to the PROJECT by funding all of certain portions of the PROJECT costs for utility relocations and right of way acquisitions as specified in **Exhibit A** and further defined in this agreement.
2. The DEPARTMENT shall contribute to the PROJECT by funding all of certain portions of the PROJECT costs for Preliminary Engineering and Construction as specified in **Exhibit A**.
3. The SPONSOR shall be responsible for all costs for the continual maintenance and the continual operations of any and all sidewalks and the grass strip between the curb and gutter and the sidewalk within the PROJECT limits.
4. Upon the approval of the right of way plans by the DEPARTMENT, the necessary rights of way for the PROJECT shall be acquired by the SPONSOR. Right of way acquisition shall be in accordance with the law and the rules and regulations of the FHWA including, but not limited to, Title 23, United States Code; 23 CFR 710, et. seq., and 49 CFR Part 24, and the rules and regulations of the DEPARTMENT. Failure of the SPONSOR to follow these requirements may result in the loss of Federal funding for the PROJECT and it will be the responsibility of the SPONSOR to make up the loss of that funding. All required right of way shall be obtained and cleared of obstructions, including underground storage tanks, prior to advertising the PROJECT for bids. Should the SPONSOR request that the right of way plans be modified, the DEPARTMENT shall evaluate the resulting change to the overall cost of the PROJECT and determine if the change should be made. If such change is approved by the DEPARTMENT, the

responsible for securing and awarding the construction contract for the PROJECT.

8. Both the SPONSOR and the DEPARTMENT hereby acknowledge that time is of the essence and both parties shall adhere to the priorities established in the approved Transportation Improvement Program/State Transportation Improvement Program (TIP/STIP) or earlier. Furthermore, all parties shall adhere to the detailed project schedule, as approved by the DEPARTMENT. In the completion of respective commitments contained herein, if a change in the schedule is needed, the DEPARTMENT shall have final authority. If, for any reason, the SPONSOR does not complete the activities defined in this agreement on schedule, the DEPARTMENT reserves the right to delay the project's implementation until funds can be re-identified for construction.

9. This AGREEMENT is made and entered into in FULTON COUNTY, Georgia, and shall be governed and construed under the laws of the State of Georgia. The covenants herein contained shall, except as otherwise provided, accrue to the benefit of and be binding upon the successors and assigns of the parties hereto.

NOTICE OF LOCATION AND DESIGN APPROVAL

CSBRG-0007-00(247), Grady County
PI No. 0007247

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 the above project.

The date of location approval is DECEMBER 12, 2008

Description of the project: This project will replace the narrow and structurally deficient bridge on CR 169 / Stagecoach Road over Barnett's Creek with a new reinforced concrete bridge. This project is located in Grady County, approximately 9.4 miles Northeast of Cairo Georgia, in the 17th Land District, Land Lot No. 148 and Ga. Militia District 1440. The proposed project will be approximately 0.23 miles in length.

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:

Randy Herrin, Area Engineer
randy.herrin@dot.ga.gov
734 W. Crawford St.
Donalsonville, GA 39845
(229) 524-5760

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:

Ralph S. Griffin, District Design Engineer
sandy.griffin@dot.state.ga.us
Georgia Department of Transportation
PO Box 7510
Tifton, GA 31793
(229) 386-3300

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.

