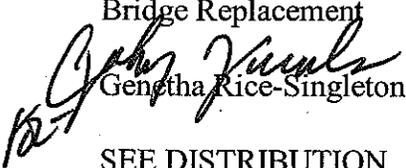


DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0007396, Tattnall County **OFFICE** Preconstruction
CSBRG-0007-00(396)
CR 472/Kennedy Bridge Road over Cedar Creek- **DATE** August 17, 2007
Bridge Replacement

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:

Brian Summers
Glenn Bowman
Ken Thompson
Michael Henry
Keith Golden
Glenn Durrence
Angela Alexander
Paul Liles
Tony Collins
BOARD MEMBER

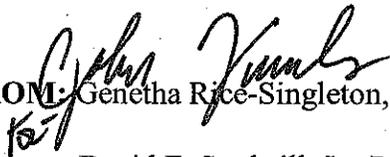
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: P.I. No. 0007396, Tattnall County
CSBRG-0007-00(396)
CR 472/Kennedy Bridge Road over Cedar Creek-
Bridge Replacement

OFFICE: Preconstruction

DATE: August 14, 2007


FROM: Genetha Rice-Singleton, Assistant Director of Preconstruction

TO: David E. Studstill, Jr., P.E., Chief Engineer

SUBJECT: PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on CR 472/Kennedy Bridge Road over Cedar Creek, 1.0 miles north of Manassas, Georgia. The existing bridge, constructed in 1955, is a 160'x 25.3' with a sufficiency rating of 29. County Road 472 at this location is a rural two lane roadway with 10' lanes and 6' grass shoulders with a posted speed of 45 MPH. County Road 472 is a north-south roadway classified as a rural collector. The current year traffic (2006) along this section of CR 472 is 300 VPD. The design year (2030) volumes are projected to be 400 VPD. The proposed speed design is 55 MPH.

The project proposes to construct a new 200'x 32' concrete bridge over Cedar Creek at the existing bridge site. The approaches will consist of two, 12' lanes with 8' rural shoulders (2' paved). The existing bridge will be closed to traffic during construction. Traffic will be detoured via an off-site detour.

Environmental concerns include requiring a COE 404 permit; Categorical Exclusion will be prepared; a Public hearing is not required; Time saving procedures is appropriate.

The estimated costs for this project are:

	PROPOSED	APPROVED	FUNDING	PROG DATE
Construction (includes E&C)	\$ 1,654,000	\$ 2,051,000	L110	2011
Right-of-way & utilities *	Local	Local		

P.I. No. 0007396, Tattnall County
August 14, 2007

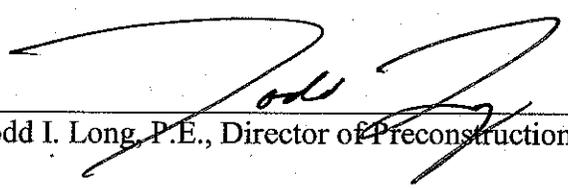
* Tattnall signed PMA on 10-26-06 for Right-of-way & Utilities

I recommend this project concept be approved.

GRS: JDQ

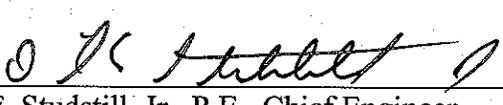
Attachment

CONCUR



Todd I. Long, P.E., Director of Preconstruction

APPROVED



David E. Studstill, Jr., P.E., Chief Engineer

Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattnall

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Office: Jesup
Project Number: CSBRG-0007-00(396)
County: Tattnall
P. I. Number: 0007396
Federal Route Number: N/A
State Route Number: N/A
County Route Number: C.R. 472 / Kennedy Bridge Road

Recommendation for approval:

DATE 7/18/07


Project Manager

DATE 7-18-07


District Engineer

The 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 _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE 7-25-07


State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Engineer

Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattnall

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

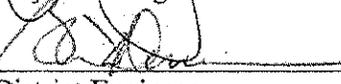
Office: Jesup
Project Number: CSBRG-0007-00(396)
County: Tattnall
P. I. Number: 0007396
Federal Route Number: N/A
State Route Number: N/A
County Route Number: C.R. 472 / Kennedy Bridge Road

Recommendation for approval:

DATE 7/18/07

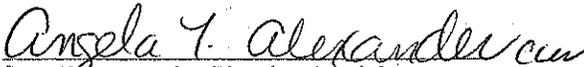

Project Manager

DATE 7-18-07


District Engineer

The 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 7-23-07


State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Engineer

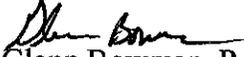
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0007396

OFFICE: Environment/Location

DATE: August 7, 2007

FROM: 
Glenn Bowman, P.E., State Environmental/Location Engineer

TO: Genetha-Rice Singleton, Assistant Director of Preconstruction

**SUBJECT: PROJECT CONCEPT REPORT
CSBRG-0007-00(396) / Tattnall County
Bridge Replacement on C.R. 472 / Kennedy Bridge Road at Cedar Creek**

The above subject Concept Report has been reviewed. The 1955 bridge has not been evaluated for National Register eligibility. Long approaches may require SBV for ponds and/or parallel tributaries. The project may need an aquatic survey for candidate mussel and all of these issues should be addressed during schedule development.

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

GB/lc

Attachment

cc: Brian Summers
Jamie Simpson
Glenn Durrence
Angela Alexander
Paul Liles
Keith Golden

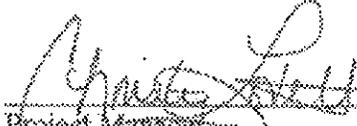
Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattnall

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Office: Jesup
Project Number: CSBRG-0007-00(396)
County: Tattnall
P. I. Number: 0007396
Federal Route Number: N/A
State Route Number: N/A
County Route Number: C.R. 472 / Kennedy Bridge Road

Recommendation for approval:

DATE 7/10/07


Project Manager

DATE 7-15-07


District Engineer

The 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).

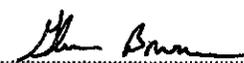
DATE _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE 8-8-07


State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Engineer

SCORING RESULTS AS PER MOG 2440-2

Project Number: CSBRG-0007-00(396)		County: Tattnall		PI No.: 0007396	
Report Date: July 23, 2007		Concept By: DOT Office: District 5			
<input checked="" type="checkbox"/> Concept Stage					
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				
Judgment	100				
Environmental	100				
Right of Way	100				
Utility	100				
Constructability	100				
Schedule	100				

Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattnall

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Office: Jesup
Project Number: CSBRG-0007-00(396)
County: Tattnall
P. I. Number: 0007396
Federal Route Number: N/A
State Route Number: N/A
County Route Number: C.R. 472 / Kennedy Bridge Road

Recommendation for approval:

DATE 7/18/07


Project Manager

DATE 7-18-07


District Engineer

The 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 _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

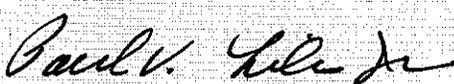
DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE 8/20/07


State Bridge and Structural Engineer

Project: CSBRG-0007-00(396)
 P.I. No. 0007396
 Desc.: Bridge Replacement on C.R. 472/
 Kennedy Bridge Road @ Cedar Creek
 County: Tattnall

Proposed Design Features:

- Proposed typical section(s): Two paved 12' lanes with 8' shoulders left & right and 2' wide ditches.
- Proposed Design Speed Mainline 55 mph
- Proposed Maximum grade Mainline 2.0 % Maximum grade allowable 3.5 %
- Proposed Maximum grade Side Street 2.0 % Maximum grade allowable 3.5 %
- Proposed Maximum grade driveway 15.0 %
- Proposed Maximum curve radius: 960 ft. Maximum radius allowable 960 ft. @ 55 mph
- Right of way
 - Width 100'
 - Easements: Temporary (X), Permanent (), Utility (), Other ()
 - Type of access control: Full (), Partial (), By Permit (), Other (X)
 - Number of parcels: 6 Number of displacements:
 - Business: N/A
 - Residences: N/A
 - Mobile homes: N/A
 - Other: N/A

- Structures:
 - Bridges: The proposed bridge will be 200' X ^{30'} _{32'}
 - Retaining walls: None
- Major intersections and interchanges: N/A
- Traffic control during construction: Roadway is to be closed during construction and routed to an offsite detour.
- Design Exceptions to controlling criteria anticipated:

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

- Design Variances: None anticipated.
- Environmental concerns: Possible Section 404 permit. There are ponds located Northwest and Southeast of the bridge. No hazardous waste sites, history or archaeological sites were noted at the project site.
- Anticipated level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No ()
 - Categorical exclusion (X)
- Utility involvements: Canoochee EMC Power lines and Windstream telephone cable on the east and west side.

Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattnall

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. CSBRG-0007-00(396)
P. I. NUMBER 0007396

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

Date of Location Approval: AUGUST 17, 2007

Date of Environmental Approval: _____

The project consist of improvements of C.R. 472/ Kennedy Bridge Road over Cedar Creek, located in Tattnall County, 1 mile north of the city limits of Manasses. The project is for the replacement of a bridge with substandard load capacity, and deck geometry. The bridge has a high priority for replacement with a sufficiency rating of 29.52.

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:

Michelle O. Wright
GDOT
Michelle.Wright@dot.state.ga.us
739 East Barnard Street
Glennville GA 30427
Phone: 912-654-2940

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:

Tony Collins
GDOT
Tony.Collins@dot.state.ga.us
P.O. Box 610
Jesup GA 31598
Phone: 912-427-5715

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.

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Interdepartmental Correspondence

File: CSBRG-0007-00(396) Tattnall County

Office : Jesup

Desc: Bridge Replacement on C.R. 472/ Kennedy Bridge Road at Cedar Creek

PI No. 0007396

Date: 7-19-2007

From: Glenn W. Durrence, P.E., District Engineer, Jesup 

To: Genetha Rice-Singleton, Assistant Director of Preconstruction

Subject: Project Concept Report

Remarks:

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

This project is to replace a bridge located one mile north of the city limits of Manasses Georgia on C.R. 472/ Kennedy Bridge Road at Cedar Creek.

Should you have any questions or need any additional information, please contact Dennis Odom at 912-427-5716.

GWD:ADO:bjd

Attachments

cc:

General File Unit, Atlanta

Glenn Bowman, Office of Environment / Location

Angela Alexander, Office of Planning

Brian Summers, Office of Engineering Services

Paul Liles, Office of Bridge Design

Jamie Simpson, Office of Financial Management

Keith Golden, Office of Traffic Safety and Design

Teresa Scott, District Planning and Programming

Dennis Odom, Preconstruction Design Engineer

Jesup Files

Project Files

Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattnall

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Office: Jesup

Project Number: CSBRG-0007-00(396)

County: Tattnall

P. I. Number: 0007396

Federal Route Number: N/A

State Route Number: N/A

County Route Number: C.R. 472 / Kennedy Bridge Road

Recommendation for approval:

DATE 7/18/07


Project Manager

DATE 7-18-07


District Engineer

The 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 _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

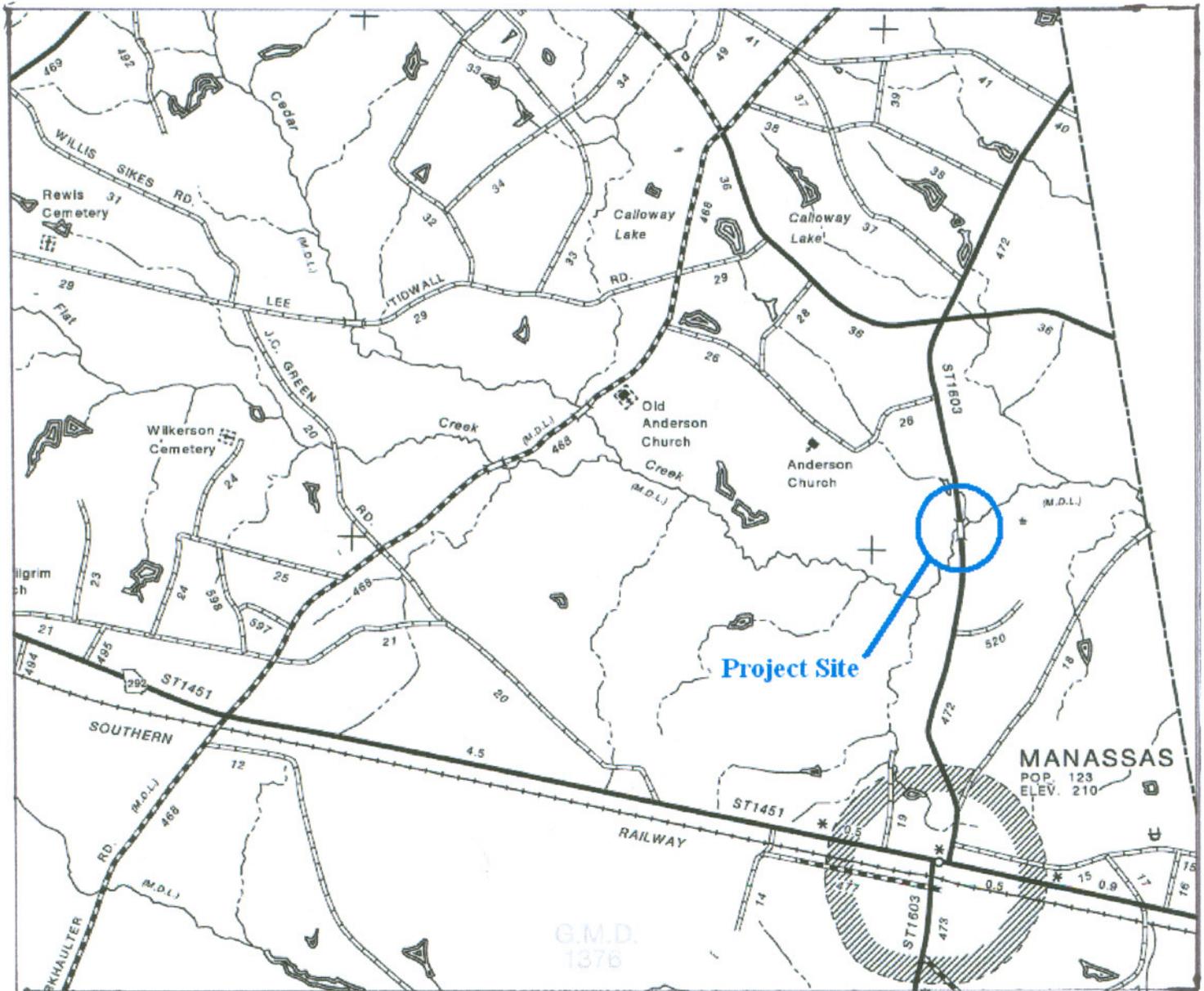
DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Engineer

Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattnall



Project Number: CSBRG-0007-00(396)
County: Tattnall
P. I. Number: 0007396
C.R. 472 / Kennedy Bridge Road over Cedar Creek

Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattnall

Need and Purpose: This project is needed to replace a bridge with sub-standard load capacity and deck geometry. The existing bridge was built in 1955. It is located on C.R. 472 over Cedar Creek, has a sufficiency rating of 29.52, and was designed for H-14 live loading. Bridges with rating under 50 and H-14 live loading do not meet current standards under Topps directive 2405-1. The existing bridge deck, which is 25.30 feet wide, will be replaced with a bridge which is 30 feet wide. This will meet the guidelines of Topps directive 4265-9.

The average annual daily traffic (AADT) on this section of roadway was 300 in 2006. Six percent of the traffic volume is truck traffic. The projected AADT is 325 for the year 2011 and 400 for the design year 2031.

This section of C.R. 472 is functionally classified as a rural collector.

Description of the proposed project: The approximate length of the project is 0.4 miles, it is located one mile north of the city limits of Manasses, Georgia on C.R. 472 / Kennedy Bridge Road at Cedar Creek. The logic for establishing these termini is due to replacing the bridge and reworking the shoulders and slopes to accommodate the guardrail. The new bridge will be constructed on the same alignment as the existing bridge. Traffic will be maintained by using an off-site detour and closing the existing roadway. The concept proposes to satisfy the Need and Purpose by replacing a substandard load capacity and deck geometry bridge, while at the same time placing guardrail and upgrading shoulders to accommodate guardrail.

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

PDP Classification: Major _____ Minor

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

Functional Classification: Rural Collector

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

Traffic (AADT):

Current Year: (2006) 300 Design Year: (2031) 400

Existing design features:

- Typical Section: Two paved 10' lanes with 6' shoulders left & right with 2' wide ditches.
- Posted speed 45 mph Maximum degree of curvature: 3° 00' 00"
- Maximum grade: 2.0 % % driveways N/A
- Width of right of way: 80 ft.
- Major structures: 160' X 25.3' bridge with sufficiency rating of 29.52.
- Major interchanges or intersections along the project: N/A
- The existing length of roadway is (0.4). The begin and end mile log is 1.41 to 1.81.

Proposed Design Features:

- Proposed typical section(s): Two paved 12' lanes with 8' shoulders left & right and 2' wide ditches.
- Proposed Design Speed Mainline 55 mph
- Proposed Maximum grade Mainline 2.0 % Maximum grade allowable 3.5 %.
- Proposed Maximum grade Side Street 2.0 % Maximum grade allowable 3.5 %.
- Proposed Maximum grade driveway 15.0 %
- Proposed Maximum curve radius: 960 ft. Maximum radius allowable 960 ft. @ 55 mph.
- Right of way
 - Width 100'
 - Easements: Temporary (X), Permanent (), Utility (), Other ().
 - Type of access control: Full (), Partial (), By Permit (), Other (X).
 - Number of parcels: 6 Number of displacements:
 - Business: N/A
 - Residences: N/A
 - Mobile homes: N/A
 - Other: N/A
- Structures:
 - Bridges: The proposed bridge will be 200' X 30'
 - Retaining walls: None
- Major intersections and interchanges. N/A
- Traffic control during construction: Roadway is to be closed during construction and routed to an offsite detour.
- Design Exceptions to controlling criteria anticipated:

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

- Design Variances: None anticipated.
- Environmental concerns: Possible Section 404 permit. There are ponds located Northwest and Southeast of the bridge. No hazardous waste sites, history or archaeological sites were noted at the project site.
- Anticipated level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X),
- Utility involvements: Canoochee EMC Power lines and Windstream telephone cable on the east and west side.

Project: CSBRG-0007-00(396)

P.I. No. 0007396

Desc.: Bridge Replacement on C.R. 472/

Kennedy Bridge Road @ Cedar Creek

County: Tattall

Project responsibilities:

- Design – District 5 Road Design Section
- Right of Way Acquisition – Tattall Co.
- Relocation of Utilities – Tattall Co.
- Letting to contract – G.D.O.T.
- Supervision of construction – G.D.O.T.
- Providing material pits - Contractor
- Providing detours – to be determined at a later date

Coordination

- A concept meeting was held on June 28, 2007, minutes are attached.
- No P. A. R. meetings will be held.
- Detour Meeting.
- Local government comments. None
- Other projects in the area. None
- No other coordination to date.

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 12 Months.
- Time to complete preliminary construction plans: 15 Months.
- Time to complete right of way plans: 12 Months.
- Time to complete the Section 404 Permit: 9 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: N/A Months.

Other alternates considered:

1. Build bridge on new alignment west of the existing bridge.
2. Replace existing bridge on the same alignment by using an on-site detour to maintain existing traffic.
3. No build.

Comments:

1. New Bridge roadway will encroach on ponds located on the project.
2. Detour Bridge roadway will encroach on ponds located on the project.
3. Bridge sufficiency rating is too low and warrants a new bridge.

Attachments:

1. Cost Estimate
2. Notice of Location and Design Approval
3. Typical sections
4. Traffic Assignment
5. Bridge inventory
6. Minutes of Concept Meeting
7. Local Government Project Agreement

Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattnell

D. GRADING AND DRAINAGE:

1. EARTHWORK

Grading Complete - 25,000.00 CY (\$6.50/CY) \$162,500
unclas excavation -

2. DRAINAGE

a. CROSS DRAIN PIPES (exc. Box culverts) - \$0

b. CURB & GUTTER - 1f X \$12/1f \$0

c. LONGITUDINAL SYSTEM (incl. Catch Basins) - \$0

SUBTOTAL ===== \$162,500

E. BASE AND PAVING:

1. AGGREGATE BASE - 5,333 SY / 8" GAB @ \$10.54 \$53,964

2. ASPHALT PAVING - SUPERPAVE

9.5MM - 360 TN @ \$90 \$32,400

19MM - 586 TN @ \$90 \$52,740

25MM - 1173 TN @ \$85 \$99,705

Tack - 672 GAL @ \$2.05 \$1,377

3. CONCRETE PAVING - Approach Slab - 333.33 SY (\$151.91) \$50,636

4. OTHER (driveways, mill existing paving, etc.) - \$10,000

SUBTOTAL ===== \$300,822

F. LUMP SUM ITEMS:

1. EROSION CONTROL - \$200,000

2. CLEARING & GRUBBING - \$30,000

3. TRAFFIC CONTROL - \$20,000

4. LANDSCAPING - \$0

5. DETOURS (incl Temp. bridges) - \$0

SUBTOTAL ===== \$250,000

Project: CSBRG-0007-00(396)
 P.I. No. 0007396
 Desc.: Bridge Replacement on C.R. 472/
 Kennedy Bridge Road @ Cedar Creek
 County: Tattnall

G. MISCELLANEOUS:	
1. LIGHTING -	\$0
2. SIGNING & STRIPING -	\$10,000
3. GUARDRAIL -	\$15,000
SUBTOTAL =====	\$25,000

ESTIMATE SUMMARY

A. RIGHTS-OF-WAY -----	LGPA
B. REIMBURSABLE UTILITIES -----	LGPA

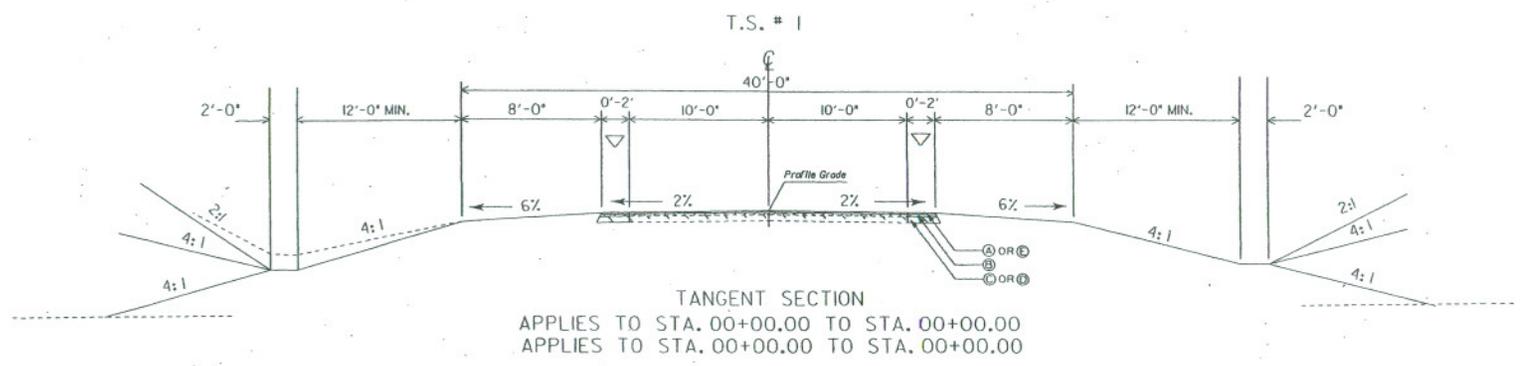
CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES -----	\$765,000
D. GRADING AND DRAINAGE -----	\$162,500
E. BASE AND PAVING -----	\$300,822
F. LUMP SUM ITEMS -----	\$250,000
G. MISCELLANEOUS -----	\$25,000
SUBTOTAL CONSTRUCTION COST -----	\$1,503,322
E & C (10%) -----	\$150,332
INFLATION (0 YRS @ 0% /YR) -----	\$0
TOTAL CONSTRUCTION COST =====	\$1,653,654
GRAND TOTAL PROJECT COST =====	\$1,653,654

Cost Estimate Prepared by: Billy Dampier

The Jul 12 09:28:52 2007 C:\TWP\0001\007396\01.dwg	J:\DESIGN\0007396\007396.dwg DWG 5, 45-09, 00-02	COUNTY TATTNALL	PROJECT NUMBER CSBRG-0007-0013961	SHEET NO.	TOTAL SHEETS
--	--	--------------------	--------------------------------------	-----------	--------------

- REQUIRED PAVEMENT
- Ⓐ 135 LBS. PER SY/YD RECY ASPH CONC 9.5 MM SP, GP 1OR 2, INCL BITUM MATL & H LIME
- Ⓑ 220 LBS. PER SY/YD ASPH CONC 19 MM SP, GP 1OR 2, INCL BITUM MATL & H LIME
- Ⓒ RECYCLED ASPH CONC LEVELING INCL. BITUM. MAT'L & H LIME
- REQUIRED PAVEMENT
- ALT. "A"
- Ⓓ GRADED AGGREGATE BASE - 8 IN
- REQUIRED PAVEMENT
- ALT. "B"
- Ⓔ 440 LBS PER SY/YD ASPH CONC 25 MM SP, GP 1OR 2, INCL BITUM MATL & H LIME



▽ : PAY LIMITS FOR GRADED AGGREGATE BASE OR ASPHALT CONCRETE SUPERPAVE.
NOTE: FOR SUPERELEVATION LOCATIONS SEE ROADWAY PLANS

Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattall

GEORGIA DEPARTMENT OF TRANSPORTATION	NOT TO SCALE	REVISION DATES	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION
			OFFICE: DISTRICT 5 ROAD DESIGN TYPICAL SECTIONS
			C. R. 472/KENNEDY BRIDGE RD. OVER CEDAR CREEK
			DRAWING NO. 5-1

Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattnall

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE CSBRG-0007-00(396), Tattnall County **OFFICE** Environment/Location
P.I. # 0007396
DATE April 13, 2007

FROM Harvey D. Keeper, State Environmental/Location Engineer

TO Glenn W. Durrence, District Engineer
Attn. Cassius Edwards

SUBJECT Estimated Traffic Assignments for CR 472/Kennedy Bridge Road @ Cedar Creek

We are furnishing estimated traffic assignments for the above project as follows:

TC # = 156

2006 AADT = 300
2011 AADT = 325
2031 AADT = 400
K = 10.0%
D = 60%
T = 6.0%
24 HOUR T = 8.5%
S.U. = 5.5%
COMB. = 3.0%

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

HDK/AMW

Project: CSBRG-0007-00(396)
 P.I. No. 0007396
 Desc.: Bridge Replacement on C.R. 472/
 Kennedy Bridge Road @ Cedar Creek
 County: Tattnall

Bridge Inventory Data Listing Georgia Department of Transportation.

Structure ID: 267-0034-0

Tattnall

SUFF. RATING: 29.52

Location & Geography			Signs & Attachments
* Structure ID:	267-0034-0	* 104 Highway System:	0225 Expansion Joint Type:
200 Bridge Information:	06	* 26 Functional Classification:	07242 Deck Drains:
* 6A Feature Int:	CEDAR CREEK	* 204 Federal Route Type:	S No. 01603243 Parapet Location:
* 6B Critical Bridge:	0	105 Federal Lands Highway:	01000 Height:
* 7A Route Number Carried:	CR00472	* 110 Truck Route:	0000 Width:
* 7B Facility Carried:	KENNEDY BRIDGE RD	206 School Bus Route:	1238 Curb Height:
* 9 Location:	1 MI N OF MANASSAS	217 Benchmark Elevation:	0000.00 Curb Material:
2 DOT District:	5	218 Datum:	0239 Handrail:
207 Year Photo:	2006	* 19 Bypass Length:	06240 Median Barrier Rail:
* 91 Inspection Frequency:	12 Date: 11/28/2006	* 20 Toll:	3241 Bridge Median Height:
92A Fract Crit Insp Freq:	00 Date: 2/1/1901	* 21 Maintenance:	02* Bridge Median Width:
92B Underwater Insp Freq:	00 Date: 2/1/1901	* 22 Owner:	02230 Guardrail Loc. Dir. Rear:
92C Other Spe. Insp Freq:	00 Date: 2/1/1901	* 31 Design Load:	16 Fwd:
* 4 Place Code:	00000	37 Historical Significance:	56 Oppo. Dir. Rear:
* 5 Inventory Route (O/U):	1	205 Congressional District:	120 Oppo. Fwd:
Type:	4	27 Year Constructed:	1955244 Approach Slab:
Designation:	1	106 Year Reconstructed:	0000224 Retaining Wall:
Number:	01603	33 Bridge Median:	0233 Posted Speed Limit:
Direction:	0	34 Skew:	00236 Warning Sign:
* 16 Latitude:	32 - 10.9820 HMMS Prefix:	35 Structure Flared:	0234 Delineator:
* 17 Longitude:	82 - 01.0960 HMMS Suffix: MP:0.00	38 Navigation Control:	0235 Hazzard Boards:
98 Border Bridge:	000 % Shared: 00	213 Special Steel Design:	0237 Utilities - Gas:
99 ID Number:	0000000000000000	267 Type of Paint:	100 Water:
* 100 STRAHNET:	0	* 42 Type of Service on:	100 Electric:
12 Base Highway Network:	1	Type of Service under:	500 Telephone:
13A LRS Inventory Route:	2672047200	214 Movable Bridge:	0237 Sewer:
13B Sub Inventory Route:	0	203 Type Bridge:	C K M O247 Lighting - Street:
101 Parallel Structure:	N	259 Pile Encasement:	30 Navigation:
* 102 Direction of Traffic:	2	* 43 Structure Type Main:	302 Aerial:
* 264 Road Inventory Mile Post:	001.61	45 No. Spans Main:	010* 248 County Continuity No.:
* 208 Inspection Area:	05 Initials: EEP	44 Structure Type Appr:	0000
Engineer's Initial:	sgm	46 No. Spans Appr:	0000
		226 Bridge Curve Horz:	0 Vert: 0
		111 Pier Protection:	0
		107 Deck Structure Type:	1
* Location I.D. No.:	267-01603F-008.30N	108 Wearing Surface Type:	1
		Membrane Type:	8
		Deck Protection:	8

Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattnell

Structure ID: 267-0034-0

Programming Data		Measurements		Ratings	
201 Project No.:	UNKNOWN	* 29 ADT:	000290 Year: 2005	65 Inventory Rating Method:	1
202 Plans Available:	0	109% Trucks:	0	63 Operating Rating Method:	1
249 Prop. Proj. No.:	CSBRG-0007-00(396)	* 28 Lanes On:	02 Under: 00	66 Inventory Type:	2 Rating: 00
250 Approval Status:	0 0 0 0	210 No. Tracks On:	00 Under: 00	64 Operating Type:	2 Rating: 00
251 P.I. No.:	0007396	* 48 Max. Span Length:	0016	231 Calculated Loads	
252 Contract Date:	2/1/1901	* 49 Structure Length:	160	H-Modified:	14 1
260 Seismic No.:	00000	51 Br. Rwdy. Width:	24.10	HS-Modified:	19 0
75 Type Work:	31 1	52 Deck Width:	25.30	Type 3:	14 1
94 Bridge Imp. Cost:	\$166	* 47 Tot. Horiz. Cl:	24.10	Type 3s2:	23 1
95 Roadway Imp. Cost:	\$60	50 Curb / Sidewalk Width:	0.00 / 0.00	Timber:	18 1
96 Total Imp Cost:	\$275	32 Approach Rdwy. Width:	018	Piggyback:	00 0
76 Imp. Length:	000371	* 229 Shoulder Width:		261 H Inventory Rating:	09
97 Imp. Year:	1990	Rear Lt:	6.0 Type: 8 Rt: 6.0	262 H Operating Rating:	15
114 Future ADT:	000435 Year: 2025	Fwrd Lt:	6.0 Type: 8 Rt: 6.0	67 Structural Evaluation:	2
		Pavement Width:		58 Deck Condition:	7
		Rear:	18.4 Type: 2	59 Superstructure Condition:	4
			18.4 Type: 2	* 227 Collision Damage:	0
		Intersection Rear:	0 Fwrd: 0	60A Substructure Condition:	5
Hydraulic Data		36 Safety Features Br. Rail:	2	60B Scour Condition:	8
215 Waterway Data		Transition:	2	60C Underwater Condition:	N
Highwater Elev.:	0000.0 Year: 1900	App. G. Rail:	1	71 Waterway Adequacy:	8
Flood Elevation:	0000.0 Freq.: 00	App. Rail End:	2	61 Channel Protection Cond.:	7
Avg. Streambed Elev.:	0000.0	53 Minimum Cl. Over:	99' 99 "	68 Deck Geometry:	5
Drainage Area:	00000	Under:	N 00' 00 "	69 UnderClr. Horz/Vert:	N
Area of Opening:	000000	* 228 Minimum Vertical Cl		72 Appr. Alignment:	8
113 Scour Critical:	U	Act. Odm Dir.:	99' 99 "	62 Culvert:	N
216 Water Depth:	5.4 Br. Height: 12.4	Oppo. Dir:	99' 99 "		
222 Slope Protection:	1	Posted Odm. Dir:	00' 00 "	Posting Data	
221 Spur Dikes Rear:	0 Fwrd: 0	Oppo. Dir:	00' 00 "	70 Bridge Posting Required:	2
219 Fender System:	0	55 Lateral Undercl. Rt:	N 99.9	41 Struct Open, Posted, CL:	P
220 Dolphin:	0	56 Lateral Undercl. Lt:	0.0	* 103 Temporary Structure:	T
223 Culvert Cover:	000	* 10 Max Min Vert Cl:	99' 99 " Dir: 0	232 Posted Loads	
Type:	0	39 Nav Vert Cl:	000 Horiz: 0000	H-Modified:	14
No. Barrels:	0	116 Nav Vert Cl Closed:	000	HS-Modified:	00
* Width:	0.00 Height: 0.00	245 Deck Thickness Main:	6.00	Type 3:	14
* Length:	0 Apron: 0	Deck Thick. Approach:	0.00	Type 3s2:	23
265 U/W Insp. Area:	0 Diver: ZZZ	246 Overlay Thickness:	0.00	Timber:	18
		212 Year Last Painted:	Sup: 1955 Sub: 0000	Piggyback:	00
Location I.D. No.:	267-01603F-008.30N			253 Notification Date:	2/1/1901
				258 Fed Notify Date:	2/1/1901

Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattnall

**MINUTES OF THE CONCEPT MEETING
P.I. NUMBER 0007396**

DATE:

The meeting began at (9:00am) at the (Area 4) Office, at which time the description of the project was read, and the main headings from the Project Concept Report were covered. During this time a sign in sheet was passed around for those in attendance to sign.

Sign-In-Sheet

Name	Job Title/ Company	E-mail Address	Phone Number
Billy Dampier	PWCT/ GDOT	Billy.Dampier@dot.state.ga.us	912-530-4125
Jeffery Young	SRE/ GDOT	Jeffery.Young@dot.state.ga.us	912-370-2711
Cassius Edwards	GDOT/Design		912-427-5717
Tom Kilday	Engr./Windstream	THOMAS.L.KILDAY@WIN DSTREAM.COM	912-654-1500
W. Ron Nelson	AAEC/ GDOT		912-654-2940
Mack Cravey	LGRWL/GDOT		
Brian Ray	CPM2/GDOT		912-654-2940
Michelle Wright	AE/ GDOT		912-654-2940
Pete Blocker	Engineer Tattnall Co.	PBLOCKER@ALLTEL.NET	912-557-4335
Jerome Sheffield	GDOT Dist. Construction		912-427-5760
Cynthia Phillips	GDOT- Traffic Operations		912-427-5767
Paul O. Williams	GDOT- Utilities	Paul.Williams@dot.state.ga.us	912-427-5779
Christy Lovett	GDOT-D5 Design		

Project: CSBRG-0007-00(396)
P.I. No. 0007396
Desc.: Bridge Replacement on C.R. 472/
Kennedy Bridge Road @ Cedar Creek
County: Tattnall

MINUTES OF THE CONCEPT MEETING
Project No. CSBRG-0007-00(396) County: Tattnall
P.I. NUMBER 0007396
DATE: 6/28/07

The meeting began at 9:00 A.M. at the Glennville Office, at which time the description of the project was read, and the main headings from the Project Concept Report were covered. During this time a sign in sheet was passed around for those in attendance to sign.

Those in attendance:

Billy Dampier, Design
Jeffrey Young, Location
Cassius O. Edwards, Design
Tom Kilday, Windstream Telecommunication
W. Ron Nelson, Area 4 Construction
Mack Cravey, Local Government
Brian Ray, Construction
Michelle Wright, Area 4 Engineer
Pete Blocker, Tattnall County
Jerome Sheffield, Construction
Cynthia Phillips, Traffic Operation
Paul O. Williams, Utilities
Christy Lovett, Design

There were no issues presented with the need and purpose or environmental issues concerning this project.

The county of Tattnall does not want to be responsible for the detour signs on the detour route. Concerns are stated about the correct locations of the detour signs and the up keep of the signs.

The Design speed needs to be listed 10 mph higher than the posted speed which is 45 mph. The Design Speed will be 55 mph.

The right of way needs to be shown as 100 ft. instead of the 20 ft. that was presented in the draft concept.

Environmental Assessment & Environmental will be removed from concept with anticipating Categorical Exclusion.

The utilities may not be affected along this project.

Detour meeting will need to be held.

The sheet with Approvals, Exempt projects will be removed.

Cost Estimate quantities need to be checked and revised accordingly

Typical Section needs to be revised to show the extra 2 ft. being added to the existing roadway.

The meeting was dismissed at 10:30 a.m.



Department of Transportation

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

October 31, 2006

HAROLD E. LINNENKOHL
COMMISSIONER
(404) 656-5206

BUDDY GRATTON, P.E.
DEPUTY COMMISSIONER
(404) 656-5212

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

EARL L. MAHFUZ
TREASURER
(404) 656-5224

The Honorable Frank Murphy, Commission Chairman
Tattnall County
P.O. Box 25
Reidsville, Georgia 30453

Dear Chairman Murphy:

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

PROJECT#:CSBRG-0007-00(396) Tattnall County, P.I.#0007396

We look forward to working with you on the successful completion of the joint project.
Should you have any questions, please contact the Project Manager Dennis Odom at (912)427-5716.

Sincerely,


James T. Simpson,
Financial Management Administrator

JTS:as

Enclosure

c: Bob Rogers
Glenn Durrence - District 5
Jeff Baker - Utilities

District # 5
Jesup
Date: 11-2-06
Dist. Engr
Personnel
Contracts
Dist. Est.
Mtl's Test
Const. W
Progr. & R.I
Local Const. ASC 1/6
Design
State Aid 11-14
Right of Way
E.E.O. & Tr.
Employee Svy
Traffic Svy
Utilities Svy
Adm. Office
Purchasing
Maintenance
File Room

AGREEMENT
BETWEEN
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
AND
Tattnall County
FOR
TRANSPORTATION FACILITY IMPROVEMENTS

This AGREEMENT is made and entered into this 26th day of October, 2006, by and between the DEPARTMENT OF TRANSPORTATION, an agency of the State of Georgia, hereinafter called the "DEPARTMENT", and **Tattnall County** acting by and through its 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 and 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 or 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 or 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 SPONSOR shall fund any resulting increase in the overall PROJECT cost.

5. The SPONSOR shall contribute to the PROJECT by funding all of the PROJECT costs for utility relocations, which are deemed eligible by the DEPARTMENT for reimbursement. Eligible relocations would be those utilities holding a property interest in their present location. When deemed eligible, the relocation costs shall include any preliminary engineering, easement acquisition and construction activities that are necessary for the utility to accommodate the PROJECT. The SPONSOR shall also fund the relocations for any facility which it owns and for any other local government that is not relocating at its own expense. Upon determination of eligibility, the DEPARTMENT shall prepare a written agreement which specifies the terms and amounts of any contribution or repayments that will be made to the Utility or the DEPARTMENT by the SPONSOR. The Agreement shall be supported by plans, specifications and itemized cost estimates of the work agreed upon and shall be executed prior to advertising the PROJECT for letting.

6. The DEPARTMENT shall be responsible for all railroad relocation costs necessary for the construction of the PROJECT.

7. Upon completion and approval of the PROJECT plans, the SPONSOR shall certify to the DEPARTMENT that all needed rights of way have been obtained and cleared of obstructions, and certify that all needed permits for the PROJECT have been obtained. The

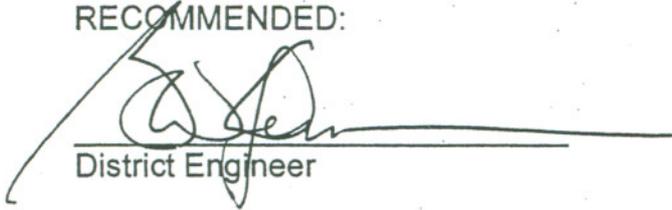
DEPARTMENT shall certify that all utilities located within the project's limits have been sufficiently detailed to provide a clear understanding of the work to be done to adequately accommodate the PROJECT. The DEPARTMENT shall also certify that all approvals have been completed for work to be done at the sole expense of the utility (i.e. Permits) or for work to be reimbursed (i.e. Agreements). After certification the PROJECT shall be let for construction. The DEPARTMENT shall be solely 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.

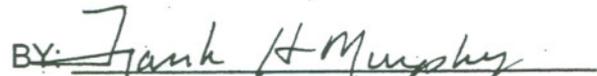
9. This AGREEMENT is made and entered into in FULTON COUNTY, Georgia, and shall be governed and construed under the laws of the State of Georgia. The covenants herein contained shall, except as otherwise provided, accrue to the benefit of and be binding upon the successors and assigns of the parties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

IN WITNESS WHEREOF, the DEPARTMENT and the SPONSOR have caused these presents to be executed under seal by their duly authorized representatives.

RECOMMENDED:


District Engineer

SPONSOR:

BY: 
Name Frank H. Murphy
Title Chairman

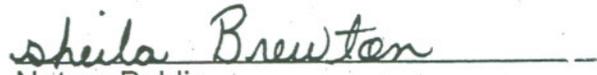

Deputy Commissioner

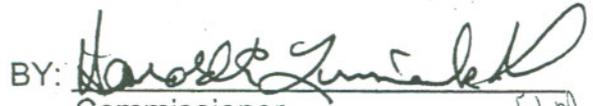
Signed, sealed and delivered this 2nd day of October, 2006, in the presence of:


Chief Engineer


Witness

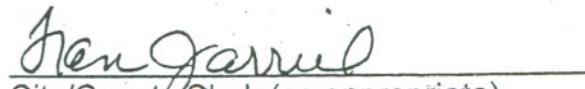
DEPARTMENT OF TRANSPORTATION


Notary Public Shella Brewton
Notary Public, Tattnall County, Georgia
My Commission Expires 2-6-10

BY: 
Commissioner *EHM*

This Agreement approved by Tattnall County, at a meeting held at Reidsville, Ga this 2nd day of October, 2006

ATTEST: 
Treasurer *brm*


City/County Clerk (as appropriate)

REVIEWED AS TO LEGAL FORM:

FEIN: 58-6000890

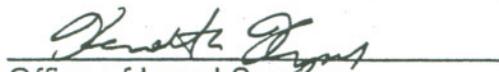

Office of Legal Services

Exhibit A

Project	Description	Project Type	Responsible Party			
			Preliminary Engineering	R/W Acquisition	Utilities Relocation	Construction
CSBRG-0007-00(396) PI 0007396	CR 472/Kennedy Bridge Road @ Cedar Creek	Replacement L110	100% GDOT	100% County	100% County	100% GDOT