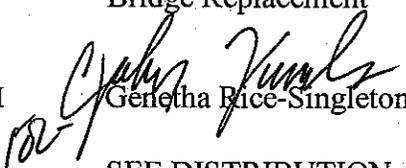


**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** P. I. No. 0007267, Appling County **OFFICE** Preconstruction  
CSBRG-0007-00(267)  
CR 167 over Sweetwater Creek & Overflow- **DATE** October 5, 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  
Paul Liles  
Dennis Odom  
**BOARD MEMBER**

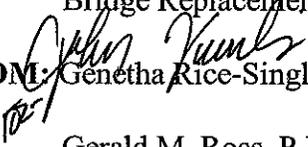
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENTAL CORRESPONDENCE**

**FILE:** P.I. No. 0007266 & 0007267, Appling County  
CSBRG-0007-00(266)7& (267)  
CR 167 over Sweetwater Creek & Overflow-  
Bridge Replacement

**OFFICE:** Preconstruction

**DATE:** September 26, 2007

**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 structurally deficient bridges on CR 167 over Sweetwater Creek and overflow, 8.5 miles southeast of Baxley, Georgia. The existing bridges are 120' x 20' and 100' x 16' with sufficiency ratings of 20 and 17 respectively. County Road 167 at this location is a rural two lane dirt roadway with 10' lanes and variable width grass shoulders. The posted speed is 35 MPH. County Road 452 is classified as a rural collector. The existing traffic (2007) along this section of CR 167 is 25 VPD. The design year (2033) volumes are projected to be 150 VPD. The proposed speed design is 45 MPH.

The project proposes to replace the existing bridges over Sweetwater Creek and overflow with a single 280' x 28' concrete bridge structure. The new bridge will be constructed on the same alignment as the existing bridges. The approaches will consist of two, 12' asphalt lanes with 6' rural shoulders on 100' of proposed right-of-way. The roadway will be closed to traffic during construction. Traffic will be detoured via an off-site detour.

**It is recommended that project CSBRG-0007-00(266) be combined with project CSGRG-0007-00 (267). The new project number will be CSBRG-0007-00(267), P.I. No. 0007267 and include a single bridge structure over Sweetwater Creek and Overflow.**

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)	\$ 2,006,000	\$ 2,006,000	L110	LR
Right-of-way & Utilities	Local	Local	Local	

P.I. No. 0007266 & 0007267, Appling County  
September 26, 2007

\* Appling County signed PFA for Right-of-Way and Utilities on 10-26-06

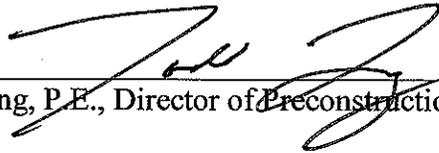
I recommend this project concept be approved and the description be revised to reflect the project herein.



GRS: JDQ

Attachment

CONCUR



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

APPROVED



\_\_\_\_\_  
Gerald M. Ross, P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

---

**INTERDEPARTMENT CORRESPONDENCE**

**FILE:** P.I. No. 0007267

**OFFICE:** Environment/Location

**DATE:** August 28, 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(267) / Appling County  
Bridge Replacement on CR 167 / Bowen Rd. @ Sweetwater Creek**

The above subject Concept Report has been reviewed and is considered satisfactory with the following comments: Both bridges date to the 1960's and are not included in the GHBS and are therefore not eligible as historic resources. There will likely be a need for a winter survey for Indigo Snakes and coordination with National Marine Fisheries Service for sturgeon has typically been taking six plus (6+) months. Therefore, environmental approval may take up to twelve (12) months depending on impacts.

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 Number: CSBRG-0007-00(266) & CSBRG-0007-00(267)  
P.I. No.: 0007266 & 0007267  
County: Appling

## DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

Office: Jesup

Project Number: CSBRG-0007-00(266) & CSBRG-0007-00(267)

County: Appling

P. I. Number: 0007266 & 0007267

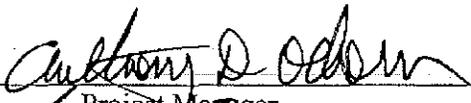
Federal Route Number: N/A

State Route Number: N/A

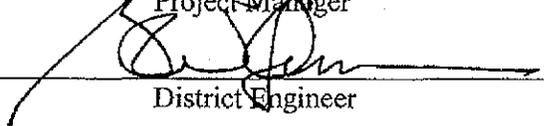
County Road 167

Recommendation for approval:

DATE 8-19-07

  
\_\_\_\_\_  
Project Manager

DATE 8-20-07

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

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
Office of Financial Management Administrator

DATE 8/28/07

  
\_\_\_\_\_  
State Environmental/Location Engineer

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge and Structural Engineer

Project Number: CSBRG-0007-00(266) & CSBRG-0007-00(267)  
P.I. No.: 0007266 & 0007267  
County: Appling

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Office: Jesup*

Project Number: CSBRG-0007-00(266) & CSBRG-0007-00(267)

County: Appling

P. I. Number: 0007266 & 0007267

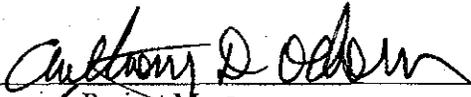
Federal Route Number: N/A

State Route Number: N/A

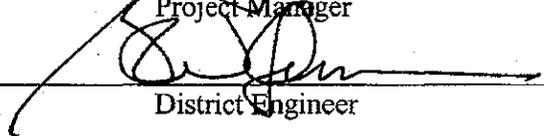
County Road 167

Recommendation for approval:

DATE 8-19-07

  
\_\_\_\_\_  
Project Manager

DATE 8-20-07

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

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

DATE 8/22/07

  
\_\_\_\_\_  
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**

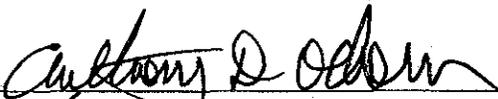
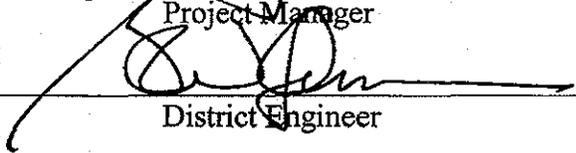
Office: Jesup

Project Number: CSBRG-0007-00(266) & CSBRG-0007-00(267)  
County: Appling  
P. I. Number: 0007266 & 0007267  
Federal Route Number: N/A  
State Route Number: N/A  
County Road 167

Recommendation for approval:

DATE 8-19-07

DATE 8-20-07

  
\_\_\_\_\_  
Project Manager  
  
\_\_\_\_\_  
District Engineer

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
Office of Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

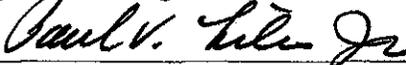
DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE 8/20/07

  
\_\_\_\_\_  
State Bridge and Structural Engineer

### SCORING RESULTS AS PER TOPPS 2440-2

<b>Project Number: CSBRG-0007-00(266) &amp; CSBRG-0007-00(267)</b>		<b>County: Appling</b>		<b>PI No.: 0007266 &amp; 0007267</b>	
<b>Report Date: 8-10-07</b>		<b>Concept By: Billy Dampier</b>			
		DOT Office: Road Design, District 5			
<input checked="" type="checkbox"/> CONCEPT		Consultant:			
<b>Project Type:</b> 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 <input type="checkbox"/> Building <input type="checkbox"/> Interchange <input type="checkbox"/> Intersection <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
<b>FOCUS AREAS</b>	<b>SCORE</b>	<b>RESULTS</b>			
<b>Presentation</b>	100				
<b>Judgement</b>	100				
<b>Environmental</b>	100				
<b>Right-of-Way</b>	100				
<b>Utility</b>	100				
<b>Constructability</b>	100				
<b>Schedule</b>	100				

## NOTICE OF LOCATION AND DESIGN APPROVAL

**Project No.: CSBRG-0007-00(266) & CSBRG-0007-00(267)**  
**P. I. NUMBER: 0007266 & 0007267**

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: OCTOBER 5, 2007

Date of Environmental Approval: \_\_\_\_\_

The project consist of improvements of C.R. 167/ Bowen Road @ Sweetwater Creek, located in Appling County, located 8.5 miles southeast from the City Limits of Baxley Georgia. The project is for the replacement of bridges with substandard load capacity, and deck geometry. The bridges have a high priority for replacement with sufficiency rating of 20.04 for the main bridge and a sufficiency rating of 17.57 for the overflow bridge. Project CSBRG-0007-00(266) will be combined with CSBRG-0007-00(267) since the bridges are in close proximity and will be combined into one single bridge. Project CSBRG-0007-00(267) is to be the project number.

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:

David Deloach  
District 5, Area 1 Engineer  
GDOT

*David.Deloach@dot.state.ga.us*

740 Oakdale Circle  
Baxley, GA. 31513  
Phone: 912-366-1090

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(267) Appling County

Office : Jesup

Desc: Bridge Replacement on C.R. 167/ Bowen Road at Sweetwater Creek

Date: 8-20-2007

PI No. 0007267

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 and it overflow bridge located 8.5 mile southeast of Baxley Georgia on C.R. 167/ Bowen Road at Sweetwater Creek. Project CSBRG-0007-00(266) will be combined with CSBRG-0007-00(267) since the bridges are in close proximity and will be combined into one single bridge. Project CSBRG-0007-00(267) is to be the project number..

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, District Design Engineer

Project Files

Jesup Files

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Office: Jesup*

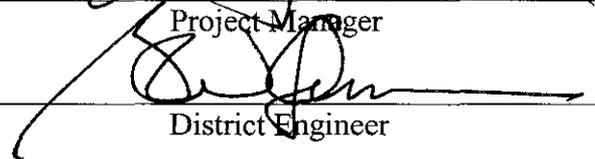
Project Number: CSBRG-0007-00(266) & CSBRG-0007-00(267)  
County: Appling  
P. I. Number: 0007266 & 0007267  
Federal Route Number: N/A  
State Route Number: N/A  
County Road 167

Recommendation for approval:

DATE 9-19-07

  
\_\_\_\_\_  
Project Manager

DATE 8-20-07

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

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
Office of Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE \_\_\_\_\_

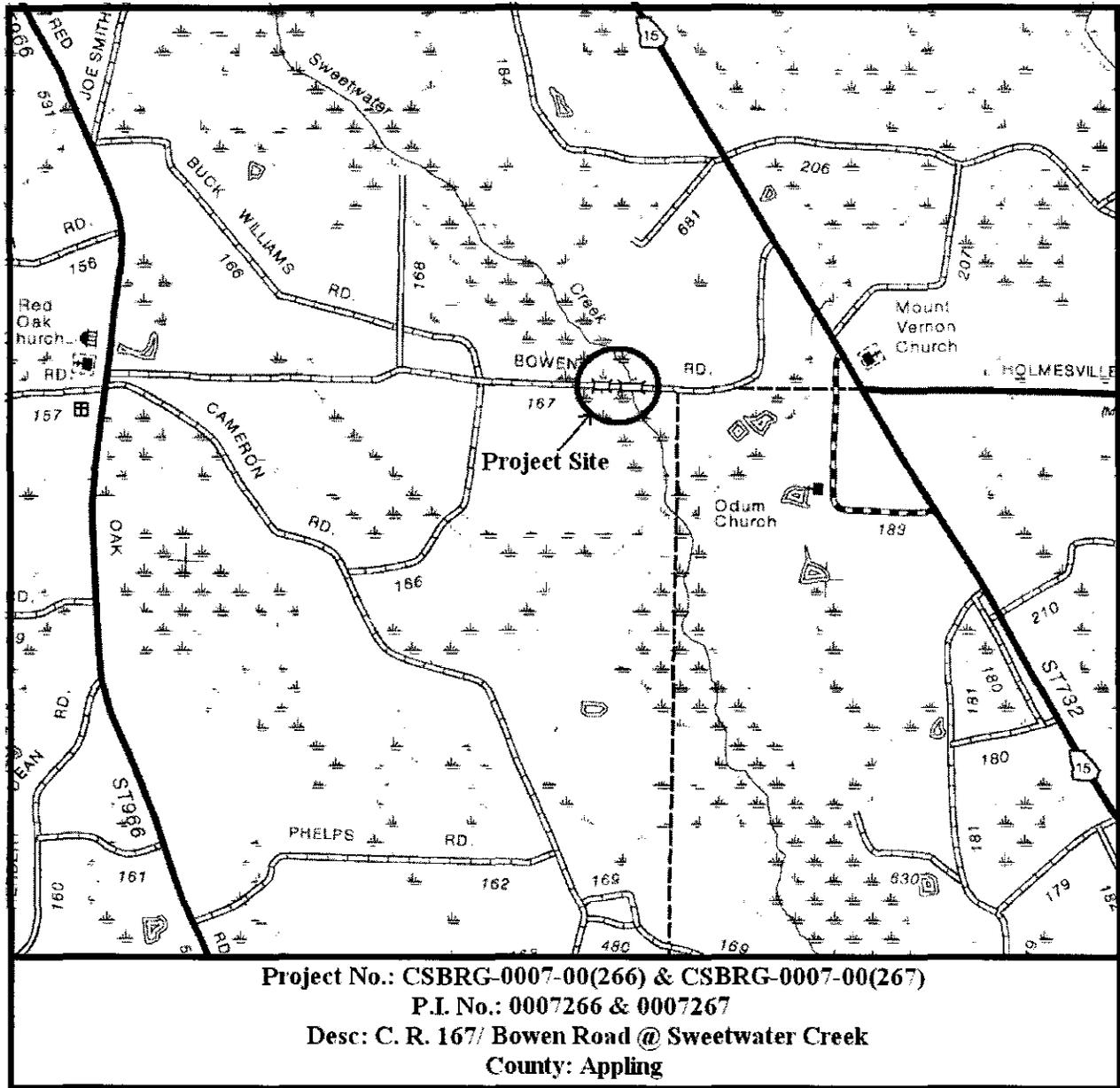
\_\_\_\_\_  
State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge and Structural Engineer



**Need and Purpose:** This project is needed to replace bridges with substandard load capacity, and deck geometry. The existing bridges were built in 1962 and 1965. They are located on C.R. 167/ Bowen Road over Sweetwater Creek, the main bridge has a sufficiency rating of 20.04 and the overflow bridge has a sufficiency rating of 17.57, and they were designed for H-10 live loading. Bridges with a rating under 50 and H-10 live loading do not meet current standards under TOPPS directive 2405-1. The existing main bridge deck, which is 20 ft. wide and the existing overflow bridge deck, which is 16 ft. wide will be replaced with a single bridge which is 28 ft. wide. This will meet the guidelines of TOPPS directive 4265-9.

The average annual daily traffic (AADT) on this section of roadway was 25 in 2007. 33 percent of the traffic volume is truck traffic. The projected AADT is 100 for the year 2013 and 150 for the design year 2033.

This section of C.R. 167 is functionally classified as a (rural collector).

**Description of the proposed project:** The approximate length of the project is 0.43 miles, it is located 8.5 miles southeast from the City Limits of Baxley Georgia, on C.R. 167/ Bowen Road at Sweetwater Creek. The logic for establishing this termini is due to replacing the bridges, and reworking the shoulders and slopes to accommodate the guardrail. The new bridge will be constructed on the same alignment as the existing bridges. Traffic will be maintained by using an off-site detour. The concept proposes to satisfy the Need and Purpose by replacing substandard load capacity and deck geometry bridges with one single bridge, while at the same time placing guardrail, and upgrading shoulders to accommodate guardrail. Project CSBRG-0007-00(266) will be combined with CSBRG-0007-00(267) since the bridges are in close proximity and will be combined into one single bridge. Project CSBRG-0007-00(267) is to be the project number.

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

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

**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: (2007) 25

Design Year: (2033) 150

**Existing design features:**

**Main Bridge**

- Typical Section: Two dirt 10' lanes, 7' shoulders, with v ditch left and right.
- Posted speed 35 mph Maximum degree of curvature: N/A
- Maximum grade: N/A% mainline N/A% driveways
- Width of right of way: 40 ft.
- Major structures: 120' x 20' bridge with sufficiency rating of 20.04.  
Major interchanges or intersections along the project: N/A  
Mile Point Reference: 1.18 to 1.21

**Overflow Bridge**

- Typical Section: Two dirt 10' lanes, 7' shoulders, with v ditch left and right.
- Posted speed 35 mph Maximum degree of curvature: N/A
- Maximum grade: N/A% mainline N/A% driveways
- Width of right of way: 40 ft.
- Major structures: 100' x 16' bridge with sufficiency rating of 17.57.  
Major interchanges or intersections along the project: N/A  
Mile Point Reference: 1.21 to 1.57

**Proposed Design Features:**

- Proposed typical section(s): Two paved 12' lanes, with 6' shoulders left and right, and 2' wide ditches.
- Proposed Design Speed: Mainline - 45 mph
- Proposed Maximum grade Mainline: 2.0% Maximum grade allowable 3.5%.
- Proposed Maximum grade Side Street: N/A% Maximum grade allowable N/A%.
- Proposed Maximum grade driveway 10.5%
- Proposed Maximum curve radius: 587 ft. Maximum radius allowable 587 @ 45 mph.
- Right of way
  - Width – 100 ft.
  - Easements: Temporary (x), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit ( ), Other (x).
  - Number of parcels: 6 Number of displacements: 0
    - Business: 0
    - Residences: 0
    - Mobile homes: 0
    - Other: 0
- Structures:
  - Bridge: The proposed bridge will be 280' x 28'.
  - Retaining walls: None
- Major intersections and interchanges. N/A
- Traffic control during construction: Two-way traffic will be maintained with an offsite detour.

- Design Exceptions to controlling criteria anticipated: None 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. 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: Satilla (EMC), AT&T (Telecommunication).

**Project responsibilities:**

- Design – District 5 Design Section
- Right of Way Acquisition – LGPA
- Relocation of Utilities – Utility Companies
- Letting to contract – G.D.O.T.
- Supervision of construction – G.D.O.T.
- Providing material pits - Contractor
- Providing detours – Appling County

**Coordination**

- A concept meeting was held on 7/31/07 10:00 am at the Baxley Area Office. Minutes are attached
- No P. A. R. meetings were held
- Detour Meeting
- Local Government involvement: LGPA Signed on 10/26/06
- Other projects in the area: None  
No other coordination to date.

**Scheduling – Responsible Parties’ Estimate**

- Time to complete the environmental process: 9 Months.
- Time to complete preliminary construction plans: 6 Months
- Time to complete right of way plans: 6 Months.
- Time to complete the Section 404 Permit: 9 Months
- Time to complete final construction plans: 6 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:**

1. Replace existing bridge on the same alignment by using an on-site detour bridge to maintain existing traffic.
2. Construct new bridge on a new alignment using existing bridges as detour bridges to maintain existing traffic.
3. No build.

**Attachments:**

1. Cost Estimate	Pages 8-10
2. Notice of Location and Design Approval	Page 11
3. Typical sections	Page 12
4. Traffic Assignment	Page 13
5. Bridge inventory	Pages 14-17
6. Minutes of Concept Meeting	Page 18
7. Local Government Project Agreement	Pages 19-25
8. Scoring Results As Per TOPPS 2440-2	Page 26

## PRELIMINARY COST ESTIMATE

DATE: 7/15/2007

PROJECT NUMBER: CSBRG-0007-00(266) & CSBRG-0007-00(267)

P.I. NUMBER: 0007266 & 0007267

PROJECT DESCRIPTION: Bridge Replacement on C.R. 167/Bowen Road @ Sweetwater Creek

PROPOSED CONCEPT: Bridge Replacement

TRAFFIC:                      EXISTING Yr. 2007:              25                                      DESIGN Yr. 2033:              150

Program Process ( )    Concept Development (X)    Project Development ( )

### PROJECT COSTS

**A. RIGHT OF WAY:**

1. PROPERTY (LAND & EASEMENTS)	LGPA	
2. DISPLACEMENTS & RELOCATIONS -	LGPA	
3. OTHER COSTS (ADM./COURT/INFLATION) -	LGPA	
SUBTOTAL =====	\$0	

**B. REIMBURSABLE UTILITIES:**

1. TELEPHONE LINES -	LGPA	
2. TRANSMISSION LINES -	LGPA	
3. SERVICES -	LGPA	
SUBTOTAL =====	\$0	

**C. MAJOR STRUCTURES:**

1. BRIDGE REMOVAL - (Existing)	\$300,000	
2. BRIDGE- stream crossing - @ \$90/SF	\$705,600	
3. BRIDGE - over/underpass	\$0	
4. BOX CULVERTS -	\$0	
SUBTOTAL =====	\$1,005,600	

**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) - \$20,000

b. ASPHALTIC CONCRETE CURB LF X \$11.70/LF \$4,680

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

SUBTOTAL =====

---

\$187,180

**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 - 166.67 SY (\$151.91) \$25,318

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

SUBTOTAL =====

---

\$275,504

**F. LUMP SUM ITEMS:**

1. EROSION CONTROL - \$200,000

2. CLEARING & GRUBBING - \$30,000

3. TRAFFIC CONTROL - \$100,000

4. LANDSCAPING - \$0

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

SUBTOTAL =====

---

\$330,000

<b>G. MISCELLANEOUS:</b>	
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

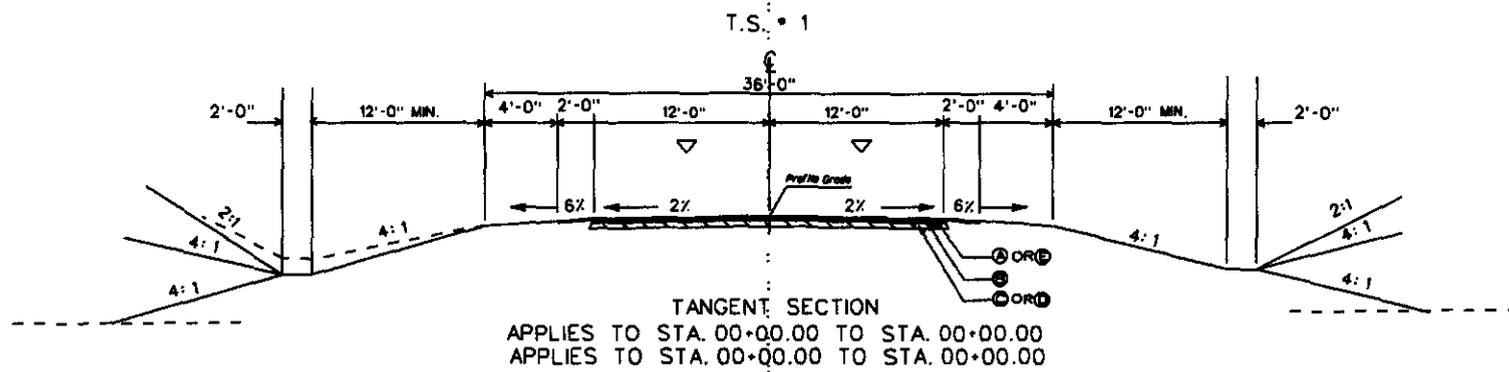
**CONSTRUCTION COST SUMMARY**

C. MAJOR STRUCTURES -----	\$1,005,600
D. GRADING AND DRAINAGE -----	\$187,180
E. BASE AND PAVING -----	\$275,504
F. LUMP SUM ITEMS -----	\$330,000
G. MISCELLANEOUS -----	\$25,000
SUBTOTAL CONSTRUCTION COST -----	\$1,823,284
E & C (10%) -----	\$182,328
INFLATION (0 YRS @ 0% /YR) -----	\$0
TOTAL CONSTRUCTION COST =====	\$2,005,612
GRAND TOTAL PROJECT COST =====	\$2,005,612

Cost Estimate Prepared by: Billy Dampier

DATE	PROJECT	COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS

- ② REQUIRED PAVEMENT
- ① 135 LBS. PER SY/YD RECY ASPH CONC 9.5 MM SP, GP 1 OR 2, INCL BITUM MATL & H LIME
- ② 220 LBS. PER SY/YD ASPH CONC 19 MM SP, GP 1 OR 2, INCL BITUM MATL & H LIME
- ③ RECYCLED ASPH CONC LEVELING INCL. BITUM. MATL & H LIME
- ④ REQUIRED PAVEMENT
- AL.T. "A"
- ⑤ GRADED AGGREGATE BASE - 8 IN
- ⑥ REQUIRED PAVEMENT
- AL.T. "B"
- ⑦ 440 LBS PER SY/YD ASPH CONC 25 MM SP, GP 1 OR 2, INCL BITUM MATL & H LIME



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

<b>GEORGIA</b> DEPARTMENT OF TRANSPORTATION	NOT TO SCALE	REVISION DATES	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE, DISTRICT 5 ROAD DESIGN TYPICAL SECTIONS						
		<table border="1" style="width: 100%; height: 40px;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>							

# Department of Transportation State of Georgia

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## INTERDEPARTMENT CORRESPONDENCE

**FILE** CSBRG-0007-00(266) & (267), Applng OFFICE Environment/Location  
P.I. # 0007266 & 0007267

**DATE** May 10, 2007

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

**TO** Glenn W. Durrence, P.E., District Engineer, Jesup  
**Attn:** Cassius Edwards

**SUBJECT** Traffic Assignments for CR 167/Bowen Rd. @ Sweetwater Creek.

We are furnishing estimated traffic assignments. The assignments for the above project are attached:

2007 AADT = 25  
2013 AADT = 100  
2033 AADT = 150  
K = 25%  
D = 57%  
T = 33%  
24 HOUR T = 28.5%  
S.U. = 28.5%  
COMB. = 0 %

If you have any questions concerning this information please contact Shelley Nweke at (404) 699-4458.

HDK/NSN

(Overflow) Bridge Inventory Data Listing  
Georgia Department of Transportation.

Structure ID: 001-5011-0

Appling

SUFF. RATING: 17.57

Location & Geography		Signs & Attachments			
* Structure ID:	001-5011-0	* 104 Highway System:	0	225 Expansion Joint Type:	02
200 Bridge Information:	05	* 26 Functional Classification:	09	242 Deck Drains:	1
* 6A Feature Int:	SWEETWATER CREEK O/F	* 204 Federal Route Type:	0 No. 00000	243 Parapet Location:	0.00
* 6B Critical Bridge:	0	105 Federal Lands Highway:	0	Height:	0.00
* 7A Route Number Carried:	CR00167	* 110 Truck Route:	0	Width:	0.00
* 7B Facility Carried:	BOWEN ROAD	206 School Bus Route:	1	238 Curb Height:	0.8
* 9 Location:	4.3 MI SE OF HOLMESVILLE	217 Benchmark Elevation:	0000.00	Curb Material:	3
2 DOT District:	5	218 Datum:	0	239 Handrail:	0 0
207 Year Photo:	2007	* 19 Bypass Length:	06	* 240 Median Barrier Rail:	0
* 91 Inspection Frequency:	24 Date: 1/26/2007	* 20 Toll:	3	241 Bridge Median Height:	0.0
92A Fract Crit Insp Freq:	00 Date: 2/1/1901	* 21 Maintenance:	02	* Bridge Median Width:	0.0
92B Underwater Insp Freq:	00 Date: 2/1/1901	* 22 Owner:	02	230 Guardrail Loc. Dir. Rear:	0
92C Other Spc. Insp Freq:	00 Date: 2/1/1901	* 31 Design Load:	1	Fwrd:	0
* 4 Place Code:	00000	37 Historical Significance:	5	Oppo. Dir. Rear:	0
* 5 Inventory Route (O/U):	1	205 Congressional District:	01	Oppo. Fwrd:	0
Type:	4	27 Year Constructed:	1965	244 Approach Slab:	0
Designation:	1	106 Year Reconstructed:	0000	224 Retaining Wall:	3
Number:	00167	33 Bridge Median:	0	233 Posted Speed Limit:	35
Direction:	0	34 Skew:	00	236 Warning Sign:	0
* 16 Latitude:	31 - 38.7820 HMMS Prefix:	35 Structure Flared:	0	234 Delineator:	0
* 17 Longitude:	82 - 17.6930 HMMS Suffix: MP:0.00	38 Navigation Control:	0	235 Hazzard Boards:	1
98 Border Bridge:	000 % Shared: 00	213 Special Steel Design:	0	237 Utilities - Gas:	00
99 ID Number:	0000000000000000	267 Type of Paint:	0	Water:	00
* 100 STRAHNET:	0	* 42 Type of Service on:	1	Electric:	00
12 Base Highway Network:	1	Type of Service under:	9	Telephone:	00
13A LRS Inventory Route:	12016700	214 Movable Bridge:	0	Sewer:	00
13B Sub Inventory Route:	0	203 Type Bridge:	C K A O	247 Lighting - Street:	0
101 Parallel Structure:	N	259 Pile Encasement:	3	Navigation:	0
* 102 Direction of Traffic:	3	* 43 Structure Type Main:	1 01	Aerial:	0
* 264 Road Inventory Mile Post:	001.21	45 No. Spans Main:	008	* 248 County Continuity No.:	00
* 208 Inspection Area:	05 Initials: EEP	44 Structure Type Appr:	0 00		
Engineer's Initial:	sgm	46 No. Spans Appr:	0000		
		226 Bridge Curve Horz:	0 Vert: 0		
		111 Pier Protection:	0		
		107 Deck Structure Type:	2		
* Location I.D. No.:	001-00167X-001.21W	108 Wearing Surface Type:	1		
		Membrane Type:	8		
		Deck Protection:	8		

Structure ID: 001-5011-0

Programming Data		Measurements		Ratings	
201 Project No.:	UNKNOWN	* 29 ADT:	000150 Year: 2005	65 Inventory Rating Method:	2
202 Plans Available:	0	109 % Trucks:	0	63 Operating Rating Method:	2
249 Prop. Proj. No.	CSBRG-0007-00(266)	* 28 Lanes On:	01 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.:	0007266	* 48 Max. Span Length:	0013	231 Calculated Loads	
252 Contract Date:	2/1/1901	* 49 Structure Length:	100	H-Modified:	10 1
260 Seismic No.:	00000	51 Br. Rwdy. Width:	15.00	HS-Modified:	00 0
75 Type Work:	31 1	52 Deck Width:	16.00	Type 3:	00 0
94 Bridge Imp. Cost:	\$103	* 47 Tot. Horiz. Cl:	15.00	Type 3s2:	00 0
95 Roadway Imp. Cost:	\$133	50 Curb / Sidewalk Width:	0.50 / 0.50	Timber:	00 0
96 Total Imp Cost:	\$271	32 Approach Rdwy. Width:	020	Piggyback:	00 0
76 Imp. Length:	001420	* 229 Shoulder Width:		261 H Inventory Rating:	10
97 Imp. Year:	0000	Rear Lt:	0.0 Type: 7 Rt: 0.0	262 H Operating Rating:	15
114 Future ADT:	000225 Year: 2025	Fwd Lt:	0.0 Type: 7 Rt: 0.0	67 Structural Evaluation:	2
		Pavement Width:		58 Deck Condition:	4
		Rear:	20.0 Type: 7	59 Superstructure Condition:	4
			20.0 Type: 7	* 227 Collision Damage:	0
<b>Hydraulic Data</b>		Intersection Rear:	0 Fwd: 0	60A Substructure Condition:	3
215 Waterway Data				60B Scour Condition:	8
Highwater Elev.:	0000.0 Year: 1900	36 Safety Features Br. Rail:	0	60C Underwater Condition:	N
Flood Elevation:	0000.0 Freq.: 00	Transition:	0	71 Waterway Adequacy:	8
Avg. Streambed Elev.:	0000.0	App. G. Rail:	0	61 Channel Protection Cond.:	7
Drainage Area:	00000	App. Rail End:	0	68 Deck Geometry:	2
Area of Opening:	000000	53 Minimum Cl. Over:	99' 99 "	69 UnderClr. Horz/Vert:	N
113 Scour Critical:	U	Under:	N 00' 00 "	72 Appr. Alignment:	8
216 Water Depth:	2 Br. Height: 6.2	* 228 Minimum Vertical Cl		62 Culvert:	N
222 Slope Protection:	0	Act. Odm Dir.:	99' 99 "		
221 Spur Dikes Rear:	0 Fwd: 0	Oppo. Dir:	99' 99 "		
219 Fender System:	0	Posted Odm. Dir:	00' 00 "		
220 Dolphin:	0	Oppo. Dir:	00' 00 "		
223 Culvert Cover:	000			<b>Posting Data</b>	
Type:	0	55 Lateral Undercl. Rt:	N 0.0	70 Bridge Posting Required:	2
No. Barrels:	0	56 Lateral Undercl. Lt:	0.0	41 Struct Open, Posted, CL:	P
* Width:	0.00 Height: 0.00	* 10 Max Min Vert Cl:	99' 99 " Dir: 0	* 103 Temporary Structure:	T
* Length:	0 Apron: 0	39 Nav Vert Cl:	000 Horiz: 0000	232 Posted Loads	
265 U/W Insp. Area:	0 Diver: ZZZ	116 Nav Vert Cl Closed:	000	H-Modified:	10
		245 Deck Thickness Main:	9.00	HS-Modified:	00
		Deck Thick.	0.00	Type 3:	00
		Approach:	0.00	Type 3s2:	00
		246 Overlay Thickness:	0.00	Timber:	00
		212 Year Last Painted:	Sup: 0000 Sub: 0000	Piggyback:	00
				253 Notification Date:	2/1/1901
					2/1/1901
				258 Fed Notify Date:	

### (Main) Bridge Inventory Data Listing Georgia Department of Transportation.

Structure ID: 001-5010-0

Appling

SUFF. RATING: 20.04

Location & Geography		Signs & Attachments			
* Structure ID:	001-5010-0	* 104 Highway System:	0	225 Expansion Joint Type:	02
200 Bridge Information:	05	* 26 Functional Classification:	09	242 Deck Drains:	1
* 6A Feature Int:	SWEETWATER CREEK	* 204 Federal Route Type:	0 No. 00000	243 Parapet Location:	0.00
* 6B Critical Bridge:	0	105 Federal Lands Highway:	0	Height:	0.00
* 7A Route Number Carried:	CR00167	* 110 Truck Route:	0	Width:	0.00
* 7B Facility Carried:	BOWEN ROAD	206 School Bus Route:	1	238 Curb Height:	0.0
* 9 Location:	4.4 MI SE OF HOLMESVILLE	217 Benchmark Elevation:	0000.00	Curb Material:	0
2 DOT District:	5	218 Datum:	0	239 Handrail:	1 1
207 Year Photo:	2007	* 19 Bypass Length:	06	* 240 Median Barrier Rail:	0
* 91 Inspection Frequency:	24 Date: 1/26/2007	* 20 Toll:	3	241 Bridge Median Height:	0.0
92A Fract Crit Insp Freq:	00 Date: 2/1/1901	* 21 Maintenance:	02	* Bridge Median Width:	0.0
92B Underwater Insp Freq:	00 Date: 2/1/1901	* 22 Owner:	02	230 Guardrail Loc. Dir. Rear:	0
92C Other Spc. Insp Freq:	00 Date: 2/1/1901	* 31 Design Load:	1	Fwr:	0
* 4 Place Code:	00000	37 Historical Significance:	5	Oppo. Dir. Rear:	0
* 5 Inventory Route (O/U):	1	205 Congressional District:	01	Oppo. Fwr:	0
Type:	4	27 Year Constructed:	1962	244 Approach Slab:	0
Designation:	1	106 Year Reconstructed:	0000	224 Retaining Wall:	3
Number:	00167	33 Bridge Median:	0	233 Posted Speed Limit:	35
Direction:	0	34 Skew:	00	236 Warning Sign:	0
* 16 Latitude:	31 - 38.7780 HMMS Prefix:	35 Structure Flared:	0	234 Delineator:	0
* 17 Longitude:	82 - 17.6600 HMMS Suffix: MP:0.00	38 Navigation Control:	0	235 Hazzard Boards:	1
98 Border Bridge:	000 % Shared: 00	213 Special Steel Design:	0	237 Utilities - Gas:	00
99 ID Number:	0000000000000000	267 Type of Paint:	0	Water:	00
* 100 STRAHNET:	0	* 42 Type of Service on:	1	Electric:	00
12 Base Highway Network:	1	Type of Service under:	5	Telephone:	00
13A LRS Inventory Route:	12016700	214 Movable Bridge:	0	Sewer:	00
13B Sub Inventory Route:	0	203 Type Bridge:	C K A O	247 Lighting - Street:	0
101 Parallel Structure:	N	259 Pile Encasement:	3	Navigation:	0
* 102 Direction of Traffic:	2	* 43 Structure Type Main:	1 01	Aerial:	0
* 264 Road Inventory Mile Post:	001.18	45 No. Spans Main:	008	* 248 County Continuity No.:	00
* 208 Inspection Area:	05 Initials: EEP	44 Structure Type Appr:	0 00		
Engineer's Initial:	sgm	46 No. Spans Appr:	0000		
		226 Bridge Curve Horz:	0 Vert: 0		
		111 Pier Protection:	0		
		107 Deck Structure Type:	2		
* Location I.D. No.:	001-00167X-001.18W	108 Wearing Surface Type:	6		
		Membrane Type:	8		
		Deck Protection:	8		

P.I. No.: 0007266 & 0007267

County: Appling

Structure ID: 001-5010-0

Programming Data		Measurements		Ratings	
201 Project No.:	UNKNOWN	* 29 ADT:	000150 Year: 2005	65 Inventory Rating Method:	2
202 Plans Available:	0	109 % Trucks:	0	63 Operating Rating Method:	2
249 Prop. Proj. No.	CSBRG-0007-00(0267)	* 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.:	0007267	* 48 Max. Span Length:	0015	231 Calculated Loads	
252 Contract Date:	2/1/1901	* 49 Structure Length:	120	H-Modified:	10 1
260 Seismic No.:	00000	51 Br. Rwdy. Width:	18.60	HS-Modified:	00 0
75 Type Work:	31 1	52 Deck Width:	20.00	Type 3:	00 0
94 Bridge Imp. Cost:	\$124	* 47 Tot. Horiz. Cl:	18.60	Type 3s2:	00 0
95 Roadway Imp. Cost:	\$140	50 Curb / Sidewalk Width:	0.00 / 0.00	Timber:	00 0
96 Total Imp Cost:	\$306	32 Approach Rdwy. Width:	020	Piggyback:	00 0
76 Imp. Length:	001440	* 229 Shoulder Width:		261 H Inventory Rating:	10
97 Imp. Year:	0000	Rear Lt:	0.0 Type: 7 Rt: 0.0	262 H Operating Rating:	15
114 Future ADT:	000225 Year: 2025	Fwrld Lt:	0.0 Type: 7 Rt: 0.0	67 Structural Evaluation:	2
		Pavement Width:		58 Deck Condition:	5
		Rear:	20.0 Type: 7	59 Superstructure Condition:	5
<b>Hydraulic Data</b>				* 227 Collision Damage:	0
215 Waterway Data			20.0 Type: 7	60A Substructure Condition:	3
Highwater Elev.:	0000.0 Year: 1900	Intersection Rear:	0 Fwrld: 0	60B Scour Condition:	8
Flood Elevation:	0000.0 Freq.: 00	36 Safety Features Br. Rail:	2	60C Underwater Condition:	N
Avg. Streambed Elev.:	0000.0	Transition:	0	71 Waterway Adequacy:	7
Drainage Area:	00000	App. G. Rail:	0	61 Channel Protection Cond.:	7
Area of Opening:	000000	App. Rail End:	0	68 Deck Geometry:	3
113 Scour Critical:	U	53 Minimum Cl. Over:	99' 99 "	69 UnderClr. Horz/Vert:	N
216 Water Depth:	3 Br. Height: 7.3	Under:	N 00' 00 "	72 Appr. Alignment:	8
222 Slope Protection:	0	* 228 Minimum Vertical Cl		62 Culvert:	N
221 Spur Dikes Rear:	0 Fwrld: 0	Act. Odm Dir.:	99' 99 "		
219 Fender System:	0	Oppo. Dir:	99' 99 "	<b>Posting Data</b>	
220 Dolphin:	0	Posted Odm. Dir:	00' 00 "	70 Bridge Posting Required:	2
223 Culvert Cover:	000	Oppo. Dir:	00' 00 "	41 Struct Open, Posted, CL:	P
Type:	0	55 Lateral Undercl. Rt:	N 0.0	* 103 Temporary Structure:	T
No. Barrels:	0	56 Lateral Undercl. Lt:	0.0	232 Posted Loads	
* Width:	0.00 Height: 0.00	* 10 Max Min Vert Cl:	99' 99 " Dir: 0	H-Modified:	10
* Length:	0 Apron: 0	39 Nav Vert Cl:	000 Horiz: 0000	HS-Modified:	00
265 U/W Insp. Area:	0 Diver: ZZZ	116 Nav Vert Cl Closed:	000	Type 3:	00
		245 Deck Thickness Main:	8.50	Type 3s2:	00
		Deck Thick. Approach:	0.00	Timber:	00
Location I.D. No.:	001-00167X-001.18W	246 Overlay Thickness:	1.50	Piggyback:	00
		212 Year Last Painted:	Sup: 0000 Sub: 0000	253 Notification Date:	2/1/1901
				258 Fed Notify Date:	2/1/1901

## **MINUTES OF THE CONCEPT MEETING**

Project No. CSBRG-0007-00(267) County: Appling

P.I. NUMBER 0007267

DATE: 7/31/07

The meeting began at 10:00 A.M. at the Baxley Area 1 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

Mack Cravey, Local Government

Jeffrey Young, Location

Brent Moseley, Area 1 Construction

Billy Shores, Satilla EMC

David Deloach, Area 1 Engineer

Dennis Odom, Road Design

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

Right of way will be handled by local government.

Shoulders may need to be 10 ft. shoulder 6.5 ft paved if design policy apply.

There are Satilla EMC, 3 phase electrical wiring on the north side of roadway and AT&T utilities may be on the project.

Detour will be provided by Appling county.

There are no constructability issues concerning this project at this time.

Meeting adjourned at 10:30 am

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# 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

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

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

EARL L. MAHFUZ  
TREASURER  
(404) 656-5224

The Honorable Virgil Carter, Commission Chairman  
Appling County  
69 Tippins Street, Suite 201  
Baxley, Georgia 31513

Dear Chairman Carter:

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

**PROJECT#:CSBRG-0007-00(266) Appling County, P.I.#0007266**  
**PROJECT#:CSBRG-0007-00(267) Appling County, P.I.#0007267**

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*  
James T. Simpson,  
Financial Management Administrator

JTS:as

Enclosure

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

District # 5  
Date: 11-2-06  
Jesup  
Dist. Engr  
Personnel  
Contracts  
Dist. Est.  
Const.  
Mtl's Test  
Prog. & R.I.  
Legal Gov./R.W.  
Design  
State Aid W/K  
Right of Way  
E.E.C. & Tr.  
Employee Srv  
Utilities  
Adm. Control  
Purchasing  
Maintenance  
File Room

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

This AGREEMENT is made and entered into this 26<sup>th</sup> day of October, 2006, by and between the DEPARTMENT OF TRANSPORTATION, an agency of the State of Georgia, hereinafter called the "DEPARTMENT", and **Appling 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:

[Signature]  
District Engineer

[Signature]  
Deputy Commissioner

[Signature]  
Chief Engineer

DEPARTMENT OF TRANSPORTATION

BY: [Signature]  
Commissioner *ELM*

ATTEST: [Signature]  
Treasurer

REVIEWED AS TO LEGAL FORM:

[Signature]  
Office of Legal Services

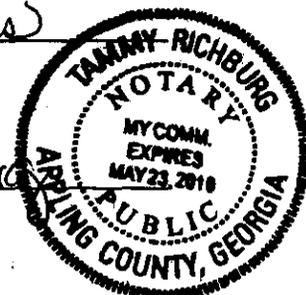
SPONSOR:

BY: [Signature]  
Name H. VIRGIL CARTER  
Title COMMISSIONER CHAIRMAN

Signed, sealed and delivered this 11TH day of OCTOBER, 2006, in the presence of:

[Signature]  
Witness

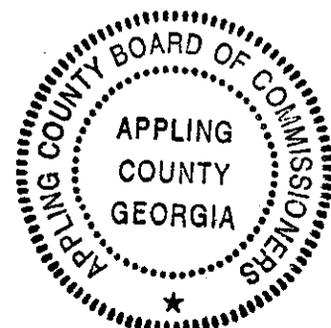
[Signature]  
Notary Public



This Agreement approved by Appling County at a meeting held at 83 South Oak Street, Suite A this 7<sup>th</sup> day of December, 2004.

[Signature]  
City/County Clerk (as appropriate)

FEIN: 58-6000778



**Exhibit A**

Project	Description	Project Type	Responsible Party			
			Preliminary Engineering	R/W Acquisition	Utilities Relocation	Construction
CSBRG-0007-00(266) PI 0007266	CR 167/Bowen Road @ Sweetwater Creek Overflow	Replacement L110	100% GDOT	100% County	100% County	100% GDOT
CSBRG-0007-00(267) PI 0007267	CR 167/Bowen Road @ Sweetwater Creek	Replacement L110	100% GDOT	100% County	100% County	100% GDOT