

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** P. I. No. 0006319, Jenkins County  
CSBRG-0006-00(319)  
CR 200/Old Savannah Road over Sculls Creek-  
Bridge Replacement

**OFFICE** Preconstruction

**DATE** February 26, 2008

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

**TO**  SEE DISTRIBUTION

**SUBJECT** APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

Attachment

**DISTRIBUTION:**

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

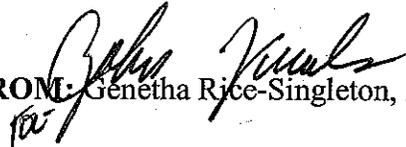
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENTAL CORRESPONDENCE**

**FILE:** P.I. No. 0006319, Jenkins County  
CSBRG-0006-00(319)  
CR 200/Old Savannah Road at Sculls Creek-  
Bridge Replacement

**OFFICE:** Preconstruction

**DATE:** February 14, 2008

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

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

**SUBJECT: PROJECT CONCEPT REPORT**

This project is the replacement of a structurally deficient bridge on CR 200/Old Savannah Road over Sculls Creek, 5.3 miles north of Millen, Georgia. The existing bridge, constructed in 1950, is a 112' x 25' concrete structure with a sufficiency rating of 28. County Road at this location is a rural two lane roadway with 9' lanes, variable width grass shoulders and a posted speed of 55 MPH. County Road is classified as a local rural road. The base year traffic (2009) along this section of CR 200 is 333 VPD. The design year (2030) volumes are projected to be 547 VPD. The proposed speed design is 55 MPH.

The project proposes to construct a new 112' x 30' concrete bridge over Sculls Creek constructed slightly north of the existing alignment to avoid impacting the archaeological site located on the south side of Old Savannah Road. The approaches will consist of two, 11' lanes with 6' rural shoulders. 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)	\$ 844,000	\$ 844,000	L110	LR
Right-of-way & Utilities	Local	Local	Local	

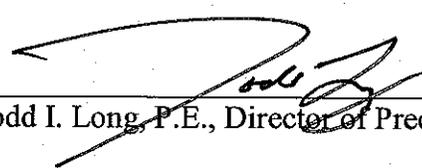
P.I. No. 0006319, Jenkins County  
Page 2  
February 14, 2008

\* Jenkins County signed PFA for right-of-way and utilities 5-16-05

I recommend this project concept be approved.

GRS: JDQ  
Attachment

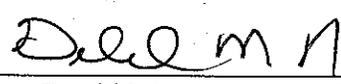
CONCUR



---

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

APPROVED



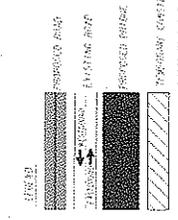
---

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

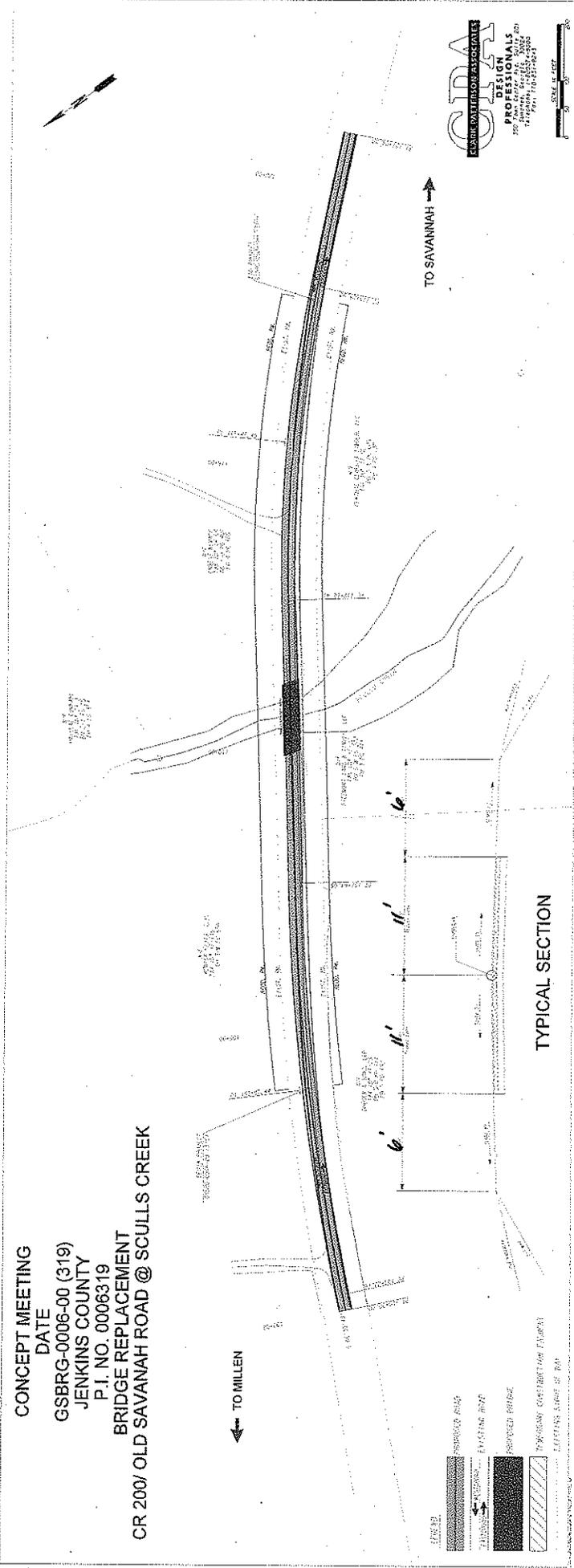
CONCEPT MEETING  
 DATE  
 GSRG-0006-00 (319)  
 JENKINS COUNTY  
 P.I. NO. 0006319

BRIDGE REPLACEMENT  
 CR 200/ OLD SAVANNAH ROAD @ SCULLS CREEK

← TO MILLEN

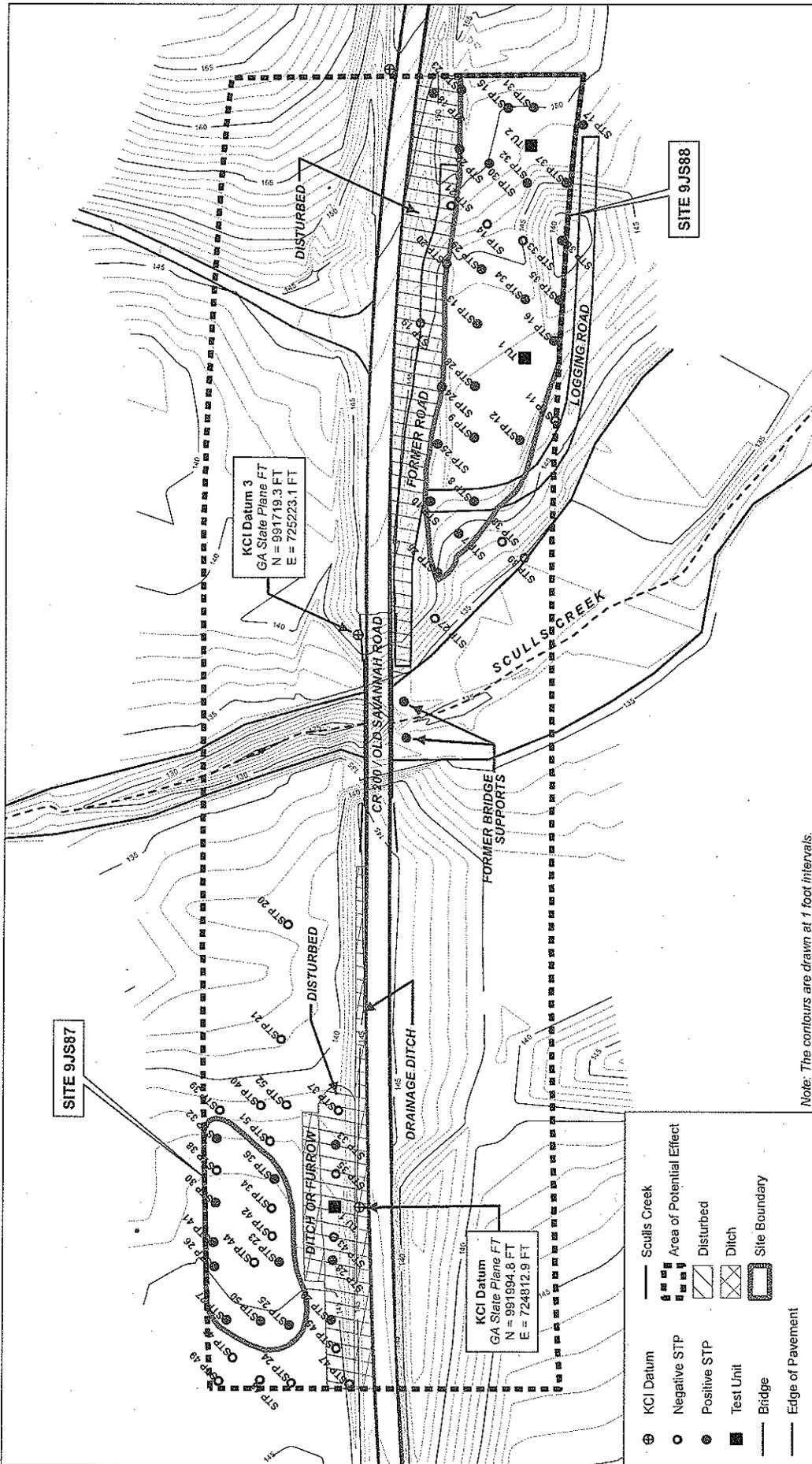


TYPICAL SECTION



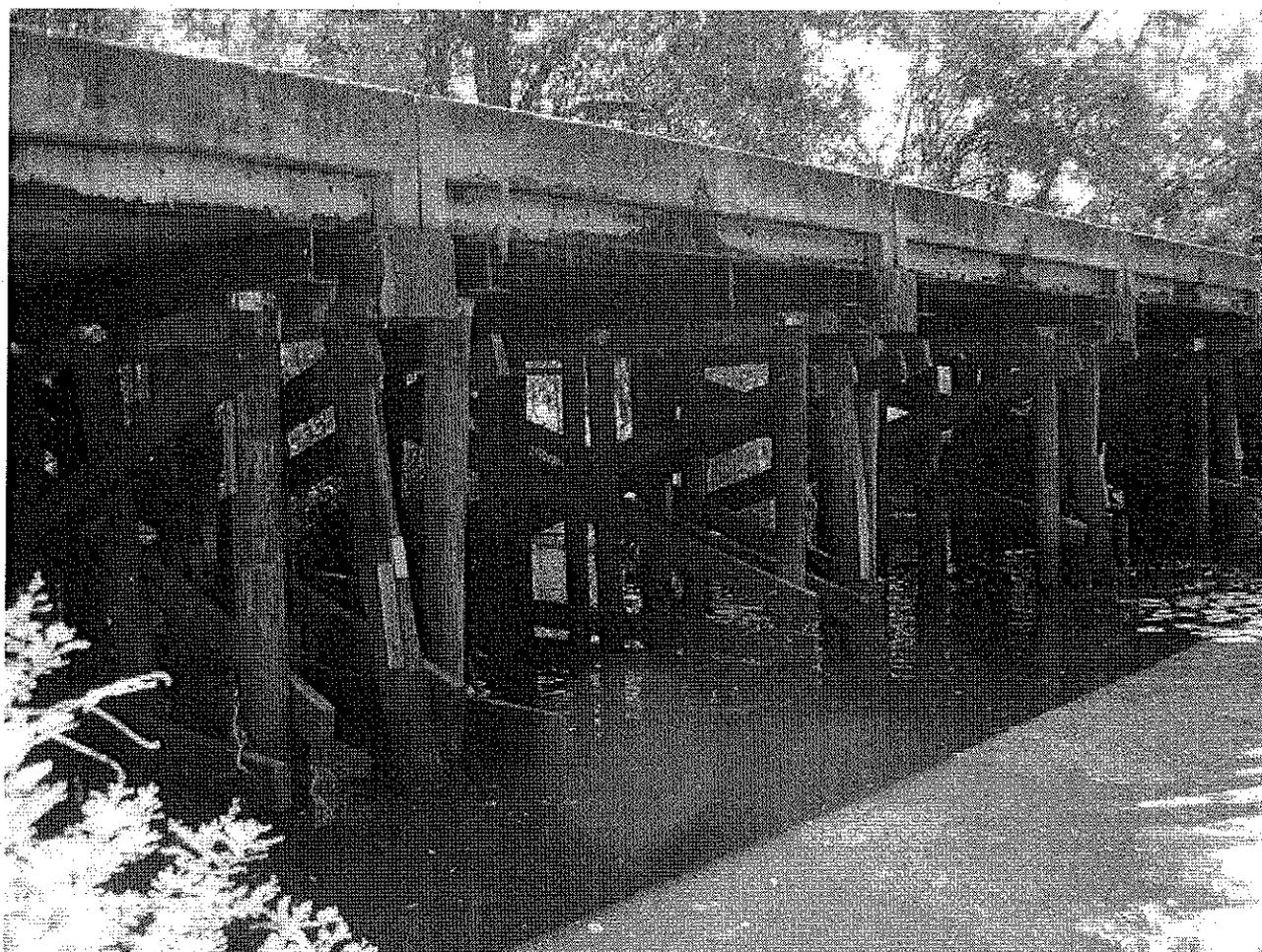
**CPRA**  
 DESIGN PROFESSIONALS  
 1000 Peachtree Street, N.W.  
 Atlanta, Georgia 30309  
 Phone: 404.525.1200  
 Fax: 404.525.1201

SCALE: 1" = 20'



**Figure 5**  
 Title  
 Project Name

Source or Prepared By  
 Statement



OVERALL PICTURE OF EXISTING BRIDGE.



*Looking North*

NOV 21 2007

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
Consultant Design

Project Number: CSBRG-0006-00(319)  
County: Jenkins  
P. I. Number: 0006319

Federal Route Number: N/A  
State Route Number: N/A  
County Route Number: 200

CR 200/Old Savannah Road Bridge Replacement  
over Sculls Creek

Recommendation for approval:

DATE 11/13/07

Remie H. Decker  
Project Manager

DATE 11/13/07

Anthony J. Collins  
District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Improvement Program (RTIP) 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 11-19-07

David Scott  
State Traffic Safety & Design Engineer

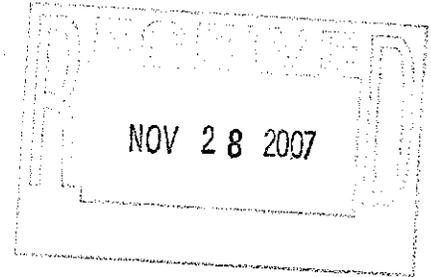
DATE \_\_\_\_\_

Project Review Engineer

DATE \_\_\_\_\_

State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA



MEMORANDUM

FILE CSBRG-0006-00(319), Jenkins County OFFICE Planning  
P.I. 0006319 DATE 11/27/07

FROM  Angela T. Alexander, State Transportation Planning Administrator

TO Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT Concept Report – C.R. 200 / Old Savannah Road Bridge Replacement, Jenkins County  
CSBRG-0006-00(319), P.I. 0006319

The Planning Office was requested by Preconstruction to verify if the subject project was identified in the current FY '08-'11 STIP. PE was authorized in 2005 for P.I. 0006319. The Right-of-Way is being completed by the locals. The Construction phase is currently outside of the currently approved FY '08-'11 STIP. The project will move into the STIP as funding allows. This project, as defined in the concept report, is consistent with the project description which will appear in the STIP.

ATA:dc

Attachment

CC: Matthew Fowler  
Radney Simpson  
Renee Decker

Date: 11/26/07

  
State Transportation Planning Administrator

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

Consultant Design

Project Number: CSBRG-0006-00(319)

County: Jenkins

P. I. Number: 0006319

Federal Route Number: N/A

State Route Number: N/A

County Route Number: 200

*CR 200/Old Savannah Road Bridge Replacement  
over Sculls Creek*

Recommendation for approval:

DATE 11/13/07

Remie H. Decker  
Project Manager

DATE 11/13/07

Anthony G. Collins  
District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Improvement Program (RTIP) 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 & Design Engineer

DATE \_\_\_\_\_

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

DATE 11/25/07

Paul V. Telle Jr.  
State Bridge & Structural Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

---

**INTERDEPARTMENT CORRESPONDENCE**

**FILE:** P.I. No. 0006319

**OFFICE:** Environment/Location

**DATE:** November 30, 2007

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

**TO:** Genetha Rice-Singleton, Assistant Director of Preconstruction

**SUBJECT: PROJECT CONCEPT REPORT  
CSBRG-0006-00(319) / Jenkins County  
CR 200 / Old Savannah Road Bridge Replacement over Sculls Creek**

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

1. This bridge is listed as not eligible in the GHBS.
2. Page 7 – One (1) year to complete Environmental does not agree with a management directed ROW date of January '09. However, Environmental work can probably get finished in nine (9) months. It is therefore vital to begin the necessary environmental studies as soon as possible.

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

GB/lc

Attachment

cc: Brian Summers  
Keith Golden  
Angela Alexander  
Jamie Simpson  
Paul Liles  
Tony Collins

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
*Consultant Design*

Project Number: CSBRG-0006-00(319)  
County: Jenkins  
P. I. Number: 0006319

Federal Route Number: N/A  
State Route Number: N/A  
County Route Number: 200

*CR 200/Old Savannah Road Bridge Replacement  
over Sculls Creek*

Recommendation for approval:

DATE 11/13/07

*Bernie H. Decker*  
Project Manager

DATE 11/13/07

*Anthony G. Williams*  
District Engineer

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

DATE \_\_\_\_\_

State Transportation Planning Administrator

DATE \_\_\_\_\_

Office of Financial Management Administrator

DATE 11/28/07

*She Brown*  
State Environmental/Location Engineer

DATE \_\_\_\_\_

State Traffic Safety & Design Engineer

DATE \_\_\_\_\_

Project Review Engineer

DATE \_\_\_\_\_

State Bridge & Structural Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Consultant Design*

Project Number: CSBRG-0006-00(319)

County: Jenkins

P. I. Number: 0006319

Federal Route Number: N/A

State Route Number: N/A

County Route Number: 200

**CR 200/Old Savannah Road Bridge Replacement  
over Sculls Creek**

Recommendation for approval:

DATE 1-3-08

DATE 1/7/08

*Bernie H. Decker*

Project Manager

*Anthony J. Ellis*

District Engineer

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

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

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

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

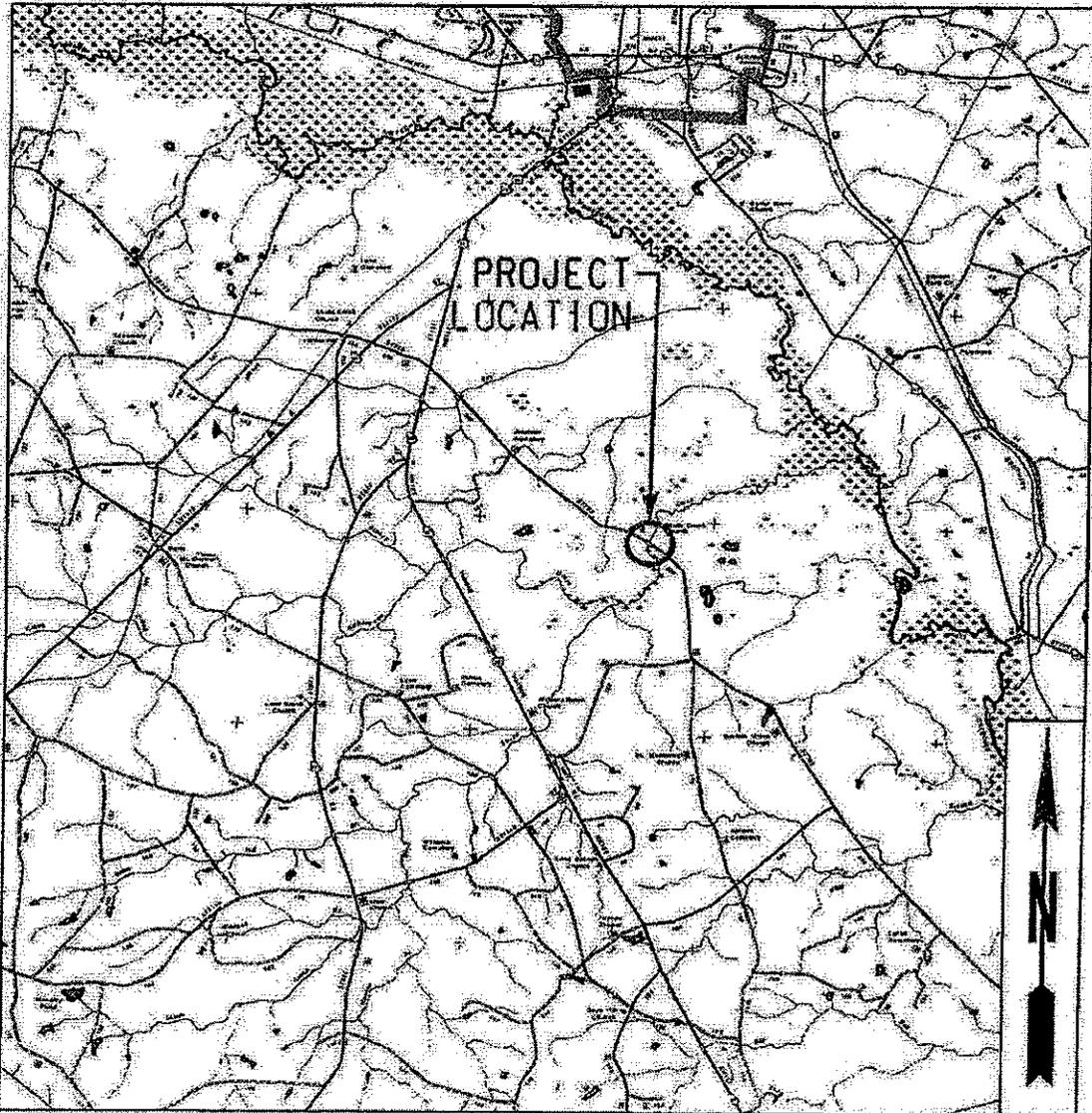
\_\_\_\_\_  
State Environmental/Location Engineer

\_\_\_\_\_  
State Traffic Safety & Design Engineer

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

\_\_\_\_\_  
State Bridge & Structural Engineer

Project Concept Report page 2  
Project Number: CSBRG-0006-00(319)  
P. I. Number: 0006319  
County: Jenkins



LOCATION SKETCH  
PROJECT NO. CSBRG-0006-00 (319)  
P. I. NO. 0006319  
JENKINS COUNTY

...DGN\LOCATION SKETCH1.dgn 6/18/2007 10:02:43 AM

Project Concept Report page 3  
Project Number: CSBRG-0006-00(319)  
P. I. Number: 0006319  
County: Jenkins

## **Need and purpose**

### Project Description

The need and purpose of this proposed project is to improve the bridge infrastructure at Old Savannah Road/County Road (CR) 200 at Sculls Creek in Jenkins County, Georgia (Figure 1, Project Location Map). The project would serve to replace the existing bridge (Structure ID 165-0029-0) which has substandard load capacity and deck geometry.

### Bridge Characteristics

The existing CR 200 Bridge over Sculls Creek was constructed in 1950. The existing bridge is a two-way, two-lane Logan steel stringer bridge 112 feet in length and 25 feet in width. The CR 200 Bridge over Sculls Creek has a sufficiency rating of 28.37 and a structural evaluation rating of 2.0. Sufficiency rating is a scale used by the Georgia Department of Transportation (GDOT) to determine the structural and geometric condition of the bridge. This rating is determined by a federal definition adopted from the Association of American State Highway and Transportation Officials (AASHTO) standards and is based on structural adequacy and safety, serviceability, functional obsolescence, and necessity for public use. Ranging on a point system from 1 to 100, any bridge with ratings of 50 points or lower are candidates for replacement in order to provide a safe, structurally sufficient bridge for motorists and pedestrians. A rating of 1 is given to structures in serious need of replacement, and a rating of 100 is given to bridges without any deficiencies. The structural evaluation rating is on a scale of 0-9 with 2 being the lowest rating for an operable bridge. A zero requires closing the bridge and a 2 requires replacement.

### Route Characteristics

CR 200 is a two-lane roadway which provides access along Jenkins County from US 25/GA 121, along southeastern Jenkins County to the Bulloch County Line; roughly paralleling US 25/GA 121. The functional classification of CR 200 is a rural major collector with a posted speed limit of 55 mph. The latitude of the existing bridge is 32°43'35" and the longitude is 81°56'33". The bridge over Sculls Creek is located between mile post 3.4 and 3.8 on CR 200/Old Savannah Road, approximately 4.1 miles southeast of Emmalane. The proposed bridge replacement would not require any modification to the existing CR 200/Old Savannah Road facility.

### Traffic Counts

CR200 has an average traffic volume of approximately 317 vehicles per day (VPD). See Table 1 below. The existing level of service (LOS) is A. The proposed improvements will have a LOS A for the design year.

Table 1 CR 200/Old Savannah Road over Sculls Creek Traffic Volumes (VPD)					
	Existing (2007)	Build-Year (2009)		Design-Year (2029)	
		Build	No-Build	Build	No-Build
CR 200 over Sculls Creek (vpd)	317	333	333	547	547
% Trucks	5%	5%	5%	5%	5%
Trucks (vpd)	16	17	17	28	28
LOS	A	A	A	A	A

\* LOS was determined based on the Georgia Regional Transportation Authority's (GRTA) Technical Guidelines. The LOS criteria in GRTA's Technical Guidelines were adopted from Florida DOT's LOS Handbook.

#### Social/Economic Characteristics

The United States Environmental Protection Agency's (US EPA) Environmental Justice Geographic Assessment Tool (<http://www.epa.gov/enviro/ej/>) was used to perform a preliminary environmental justice analysis for the proposed project. Using this tool, the area of the proposed study area was digitized on a map and compared to county and state data. According to the 2000 US Census, the Study Area minority population (2 persons) represents 46.9% of the Study Area's total population. The 2000 census data indicate that Jenkins County and the State of Georgia have minority populations of 44.1% (3,782 persons) and 37.3% (3,053,547 persons), respectively. Minorities in the Study Area consist of people who describe themselves as Black or African American, American Indian and Alaska Native, Asian, some other race alone, or as belonging to two or more races.

According to the 2000 US Census, the percentage of the Study Area below poverty level is 25.0% (1 person). The year 2000 data indicate that Jenkins County and the State of Georgia have low-income populations of 28.2% (2,419 persons) and 12.6% (1,033,793 persons), respectively.

#### Conclusion

Replacement of the existing bridge is justified due to its current deficient sufficiency and structural evaluation ratings. Upgrading the bridge to modern design and load standards will improve the operation and safety of the bridge and the capacity of the roadway.

**Description of the proposed project:** This proposed project being 0.47 miles long is to replace the substandard bridge over Sculls Creek in Jenkins County. The logic for establishing the termini is due to replacing the bridge and reworking the shoulders and slopes to accommodate the guardrail. The new bridge will be constructed slightly north of the existing alignment to avoid impacting the archaeological site located in the south side of Old Savannah Road. Traffic will be rerouted to a detour utilizing the existing county and state roads. 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.

Project Concept Report page 5  
Project Number: CSBRG-0006-00(319)  
P. I. Number: 0006319  
County: Jenkins

Is the project located in a Non-attainment area? \_\_\_ Yes \_\_\_ X No.

**PDP Classification:**

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

**Functional Classification: Local Rural Road**

U. S. Route Number(s): N/A  
County Road Number(s): 200

State Route Number(s): N/A

**Traffic (AADT):**

Current Year: 333 (2009)

Design Year: 547 (2029)

**Existing design features:**

- Typical Section: 2 – 9.5-ft. asphalt travel lanes with 5 – 6-ft. grassed shoulders
- Posted speed: 55 MPH
- Minimum radii of curve: 3,064-ft
- Maximum grade: 2%
- Width of right of way: 80-ft.
- Major structures: Bridge 112ft. length 25.0 ft. width 28.37 sufficiency rating
- Major interchanges or intersections along the project: N/A
- Existing length of roadway: 0.40 miles

**Proposed Design Features:**

- Proposed typical section(s): 2 – ~~9.5~~ <sup>11'</sup> ~~10'~~ <sup>del</sup> ft. asphalt travel lanes with 6' grassed shoulders
- Proposed Design Speed Mainline: 55 MPH
- Proposed Maximum grade Mainline: 2.7%
- Maximum grade allowable Mainline: 7.0%
- Proposed Maximum grade Side Street: N/A
- Maximum grade allowable on Side Street: N/A
- Proposed Maximum grade driveway: 11%
- Proposed Minimum Radii of curve: 3,064-ft
- Minimum Radii allowable: 1060-ft

- Right of way
  - Width: An approximately 40-ft. strip of additional Right of Way will be required.
  - Easements: Temporary ( ), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit ( ), Other (X).
  - Number of parcels: 5                      Number of displacements: 0
    - Business: N/A
    - Residences: N/A
    - Mobile homes: N/A
    - Other: N/A

- Structures:
  - Bridges: Proposed bridge will be 112 ft. X 30 ft. Reinforce Concrete Bridge
  - Retaining walls: N/A
- Major intersections and interchanges: N/A
- Traffic control during construction: CR 200/Old Savannah Road will be closed during construction and traffic will be routed to off site detours. Local governments will be responsible for any off-site detour signage

• 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: A design variance is expected for the pavement width. The proposed pavement width match the existing pavement width which is less that the desirable width required by GDOT Design Policy.
- Environmental concerns: Possible Section 404 permit required. No hazardous waste sites, history, archaeological, sites were noted at the project site. The bridge over Sculls Creek was built in 1950 which makes it older than 50-yrs. An off -site detour PIOH will be required to notify the public of the upcoming road closure. It was noted by GDOT Office of Environment and Location that the bridge is not currently listed on the GHBS (Georgia Historic Bridge Survey).

Project Concept Report page 7

Project Number: CSBRG-0006-00(319)

P. I. Number: 0006319

County: Jenkins

- Anticipated Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes (X), No ( ),
  - Categorical exclusion (X),
  - Environmental Assessment/Finding of No Significant Impact (FONSI) ( ), or
  - Environmental Impact Statement (EIS) ( ),
  
- Utility involvements:
  - Telephone – A & T
  - Power - None
  - Water - None
  - Sewer - None
  - Gas – None
  - Cable TV- None

**Project responsibilities:**

- Design: KCI Technologies for GDOT
- Right of Way Acquisition: Jenkins County
- Relocation of Utilities: GDOT District Two Utilities Section Coordination
- Letting to contract: GDOT – Contract Administration
- Supervision of construction: GDOT – Swainsboro Area Engineer Office
- Providing material pits: In Contract
- Providing detours: The local government will also be required to provide notification of the road closure and any detour signage.

**Coordination**

- Initial Concept Meeting date and brief summary: Attach minutes.
- Concept meeting date and brief summary: Attach minutes.
- P. A. R. meetings, dates and results: N/A
- FEMA, USCG, and/or TVA: N/A
- Public involvement: An off-Site detour meeting will be required to advise the public of the road closure.
- Local government commitments: The local government will be asked to relocate any utility facilities that they own, will be responsible for purchasing the R/W and provide off-site detours.
  
- Other projects in the area: EDS-555(4) P.I. No. 222250
- Other coordination to date: None
- VE Study Required: No

Project Concept Report page 8  
Project Number: CSBRG-0006-00(319)  
P. I. Number: 0006319  
County: Jenkins

**Scheduling – Responsible Parties' Estimate**

- Time to complete the environmental process: 1 Year
- Time to complete preliminary construction plans: 1 Year
- Time to complete right of way plans: 6 months
- Time to complete the Section 404 Permit: 1 Year
- Time to complete final construction plans: 6 months
- Time to complete to purchase right of way: 1 Year
- List other major items that will affect the project schedule: None.

**Other alternates considered:**

1. Build proposed bridge on existing alignment and closing the road, using local road for an offsite detour.
2. No Build.

**Comments:**

Alternate (1) was eliminated because the impact to the archaeology site.

Alternate (2) was eliminated due to the safety concern of continuing to use a bridge that does not meet the minimum bridge width and load capacity requirements and the long-term maintenance cost of a structurally deficient bridge.

**Attachments:**

1. Cost Estimates:
  - a. Construction including E&C,
  - b. Right of Way, and
  - c. Utilities.
2. Typical sections,
3. Bridge inventory,
4. Pavement Design,
5. Traffic Data,
6. Location and Design Notice,
7. Minutes of Initial Concept and Concept meetings

Concur: \_\_\_\_\_  
Director of Preconstruction

Approve: \_\_\_\_\_  
Chief Engineer

**Estimate Report for file "CSBRG0006-00(319) Jenkins County "**

<b>Section ROADWAY</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	25000.00	TRAFFIC CONTROL -	25000.00
201-1500	1	LS	15000.00	CLEARING & GRUBBING -	15000.00
205-0001	1800	CY	4.58	UNCLASS EXCAV	8244.00
206-0002	3000	CY	7.12	BORROW EXCAV, INCL MATL	21360.00
310-1101	2500	TN	19.78	GR AGGR BASE CRS, INCL MATL	49450.00
318-3000	100	TN	19.29	AGGR SURF CRS	1929.00
402-1812	100	TN	65.59	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	6559.00
402-3140	390	TN	81.25	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	31687.50
402-3190	280	TN	63.30	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	17724.00
413-1000	175	GL	1.97	BITUM TACK COAT	344.75
433-1000	200	SY	125.22	REINF CONC APPROACH SLAB	25244.00
441-0301	4	EA	2176.40	CONC SPILLWAY, TP 1	8705.60
500-3101	1	CY	607.28	CLASS A CONCRETE	607.28
550-2180	50	LF	33.87	SIDE DRAIN PIPE, 18 IN, H 1-10	1693.50
550-3618	2	EA	643.70	SAFETY END SECTION 18 IN, SIDE DRAIN, 6:1 SLOPE	1287.40
576-1015	120	LF	35.19	SLOPE DRAIN PIPE, 15 IN	4222.80
634-1200	8	EA	99.03	RIGHT OF WAY MARKERS	792.24
641-1100	84	LF	50.01	GUARDRAIL, TP T	4200.84
641-1200	600	LF	17.12	GUARDRAIL, TP W	10272.00
641-5001	2	EA	642.22	GUARDRAIL ANCHORAGE, TP 1	1284.44
641-5012	2	EA	1835.14	GUARDRAIL ANCHORAGE, TP 12	3670.28
643-8200	400	LF	2.95	BARRIER FENCE (ORANGE), 4 FT	1180.00
<b>Section Sub Total:</b>					<b>\$240,458.63</b>

<b>Section TEMPORARY EROSION CONTROL</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	3	AC	703.79	TEMPORARY GRASSING	2111.37
163-0240	50	TN	165.18	MULCH	8259.00
163-0300	2	EA	1620.67	CONSTRUCTION EXIT	3241.34
163-0520	100	LF	17.20	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	1720.00
163-0523	15	EA	118.76	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS - TYPE C SILT FENCE	1781.40
165-0030	3500	LF	1.70	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	5950.00
165-0040	15	EA	66.23	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	993.45
165-0050	250	LF	1.81	MAINTENANCE OF SILT RETENTION BARRIER	452.50
165-0101	2	EA	584.83	MAINTENANCE OF CONSTRUCTION EXIT	1169.66
167-1000	2	EA	1291.85	WATER QUALITY MONITORING AND SAMPLING	2583.70
167-1500	12	MO	980.37	WATER QUALITY INSPECTIONS	11764.44
171-0030	3500	LF	3.89	TEMPORARY SILT FENCE, TYPE C	13615.00
<b>Section Sub Total:</b>					<b>\$53,641.86</b>

<b>Section EROSION CONTROL</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
603-2181	1100	SY	45.92	STN DUMPED RIP RAP, TP 3, 18 IN	50512.00
603-7000	1100	SY	4.67	PLASTIC FILTER FABRIC	5137.00
700-7000	8	TN	59.67	AGRICULTURAL LIME	477.36
700-7010	8	GL	21.85	LIQUID LIME	174.80
700-8000	3	TN	299.50	FERTILIZER MIXED GRADE	898.50
700-8100	135	LB	2.32	FERTILIZER NITROGEN CONTENT	313.20
710-9000	400	SY	3.92	PERMANENT SOIL REINFORCING MAT	1568.00
716-2000	3500	SY	1.23	EROSION CONTROL MATS, SLOPES	4305.00
<b>Section Sub Total:</b>					<b>\$63,385.86</b>

<b>Section SIGNING &amp; MARKING</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1033	18	SF	19.60	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	352.80
636-2070	24	LF	8.27	GALV STEEL POSTS, TP 7	198.48
652-5451	2400	LF	0.23	SOLID TRAFFIC STRIPE, 5 IN, WHITE	552.00
652-5452	2400	LF	0.22	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	528.00
				PREFORMED PLASTIC SOLID PVMT MKG, 5 IN,	

657-1054	225	LF	5.07	WHITE, TP PB	1140.75
657-6054	225	LF	4.79	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	1077.75
<b>Section Sub Total:</b>					<b>\$3,849.78</b>

<b>Section BRIDGE</b>					
<b>Item Number</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Item Description</b>	<b>Cost</b>
540-1101	1	LS	70000.00	REMOVAL OF EXISTING BR, STA NO -	70000.00
999-2010	1	LS	336000.00	DESIGN COMPLETE -New Bridge 112 ft x 30 ft	336000.00
<b>Section Sub Total:</b>					<b>\$406,000.00</b>

**Total Estimated Cost: \$767,336.13**

<b>Subtotal Construction Cost</b>	<b>\$767,336.13</b>
E&C Rate 10.0 %	\$76,733.61
Inflation Rate 0.0 % @ 0.0 Years	\$0.00
<b>Total Construction Cost</b>	<b>\$844,069.74</b>
Right Of Way	\$138,200.00
ReImb. Utilities	\$0.00
<b>Grand Total Project Cost</b>	<b>\$982,269.74</b>

A  
4  
T  
E

---

# Department of Transportation

## State of Georgia

---

### Interdepartmental Correspondence

**FILE** R/W Cost Estimate **OFFICE** Atlanta  
**DATE** September 13, 2007  
**FROM** Phil Copeland, Right of Way Administrator  
**TO** To: Renee Decker District Two Design Office  
**SUBJECT** Preliminary Right of Way Cost Estimate  
Project: GSRG-0006-00(319)Jenkins  
P.I. No.: 0006319  
Description: CR 200 / Savannah Rd. @ Skulls Creek Bridge  
Replacement

As per your request, attached is a copy of the approved Preliminary Right of Way Cost Estimates on the above referenced projects.

Please note the area of Required R/W was furnished with your request. Please include total Required R/W areas for the entire corridor in all future requests.

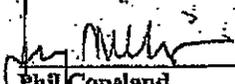
If you have any questions, please contact Jerry Milligan at the West Annex Right of Way Office at (770) 986-1541.

PC:GAM

Attachments

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

# Preliminary Right of Way Cost Estimate

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

Date: September 13, 2007  
 Project: GSBRC-0006-00(319) Jenkins  
 Existing/Required R/W: Varies/Varies  
 Project Termini: CR 200/Old Savannah Rd. @ Skulls Creek  
 Project Description: Old Savannah Rd. @ Skulls Creek Bridge Replacement

P.I. Number: 0006319  
 No. Parcels: 4

Land: R/W Agricultural / Res.: 1.98 acres @ \$10,000 / acre \$ 19,800

Improvements: misc. site improvements 20,000

Relocation: Residential (0)  
 Commercial (0) 0

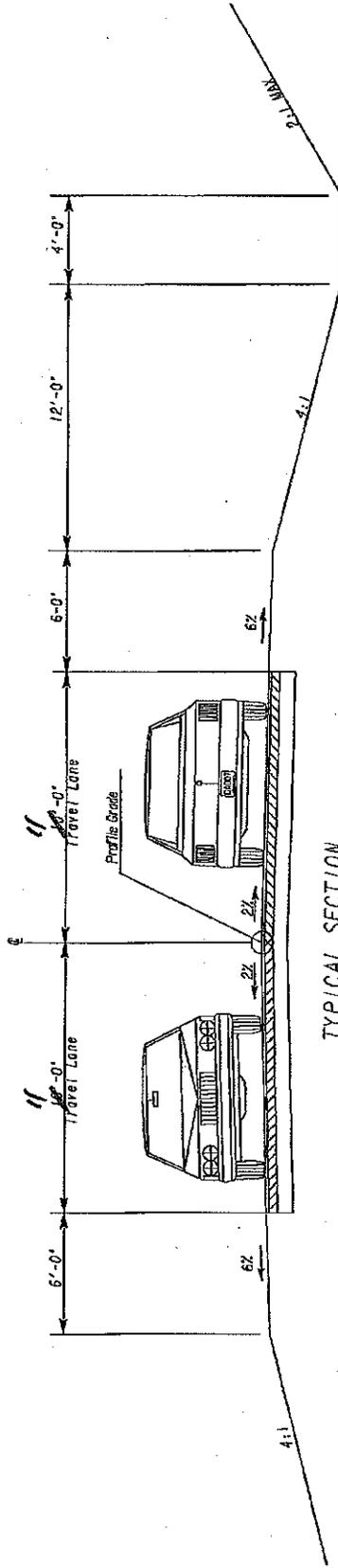
Damage: Cost to Cure (0) parcel  
 Proximity (0) parcel  
 Uneconomic Remnant 0

Net Cost \$ 39,800

Net Cost		\$	39,800
Scheduling Contingency	55 %		21,890
Adm/Court Cost	60 %		37,014
Market Appreciation	40 %		39,482
		\$	138,187

**Total Cost \$138,200**





TYPICAL SECTION  
 GSBRC-0006-00(319)  
 JENKINS COUNTY  
 P. I. \* 0006319

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 165-0029-0

Jenkins

SUFF. RATING

28 37

Location & Geography

165-0029-0  
 05  
 86111 S CREEK  
 0  
 CR00200  
 E OLD SAVANNAH ROAD  
 5.3 MI S OF MILLEN  
 2  
 2006

Signs & Attachments

104 Highway System: 0  
 26 Functional Classification: 07  
 204 Federal Route Type: S No.: 00733  
 105 Federal Lands Highway: 0  
 110 Truck Route: 0  
 206 School Bus Route: 1  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 19 Bypass Length: 03  
 20 Toll: 3  
 21 Maintenance: 02  
 22 Owner: 02  
 31 Design Load: 1  
 37 Historical Significance: 5  
 205 Congressional District: 12  
 27 Year Constructed: 1950  
 106 Year Reconstructed: 0000  
 33 Bridge Median: 00  
 34 Skew: 00  
 35 Structure Flared: 0  
 38 Navigation Control: 0  
 213 Special Steel Design: 0  
 267 Type of Paint: 1  
 42 Type of Service on: 5  
 214 Movable Bridge: 0  
 203 Type Bridge: C-L-M-O  
 259 Pile Encasement: 3  
 43 Structure Type Main: 3 02  
 45 No. Spans Main: 007  
 44 Structure Type Appr: 0 00  
 46 No. Spans Appr: 0000  
 226 Bridge Curve Horz: 0 Vert: 0  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1  
 108 Wearing Surface Type: 1  
 Ma 8  
 F B

24 Date: 12/19/2006  
 60 Date: 02/01/1901  
 60 Date: 04/18/2006  
 60 Date: 02/01/1901  
 60000  
 1  
 4  
 1  
 00733  
 0  
 MMS Prefix: 32-43 5880  
 MMS Suffix: 81-56-5340  
 %Shared: 00  
 000000000000000000  
 0  
 1  
 1652020000  
 0  
 N  
 2  
 008.11  
 10 Initials: JWAM  
 sgp  
 165-00733F-008 26N

225 Expansion Joint Type: 02  
 242 Deck Drains: 1  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 1.10 1  
 239 Handrail: 0 0  
 240 Median Barrier Rail: 0  
 241 Bridge Median Height: 0.00  
 Width: 0.00  
 230 Guardrail Low Dir Rear: 3  
 Fwd: 3  
 Oppo Dir Rear: 0  
 Fwd: 0  
 244 Approach Slab: 0  
 224 Retaining Wall: 0  
 233 Posted Speed Limit: 55  
 236 Warning Sign: 0  
 234 Declinator: 1  
 235 Hazard Boards: 1  
 237 Utilities Gas: 00  
 W  
 Etc  
 Telephone: 31  
 S:  
 247 Lighting Street: 0  
 Navigational: 0  
 Aerial: 0  
 248 County Continuity No: 00

Report Date: 3/30/2007

SIA-1

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 165-002941

Jonkins

SUPE RATING

2837

### Programming Data

201 Project No UNKNOWN  
 202 Plans Available 0  
 249 Prop Proj No CSBR(3-0006-00(31)  
 250 Approval Status 0000  
 251 PI No 0006319  
 252 Contract Date 02/01/1901  
 260 Season No 00000  
 75 Type Work 31 I  
 94 Bridge Insp Cost 5 123  
 95 Roadway Insp Cost 5 177  
 96 Total Insp Cost 5 349  
 76 Insp Length 001432  
 97 Insp Year 1990  
 114 Future ADT 000690 Year 2026

### Measurements

\* 29 ADT: 000460 Year 2006  
 109 % Trucks 0  
 \* 28 Lanes On: 02 Under 00  
 210 No. Trucks On: 00 Under 00  
 \* 48 Max. Span Length: 0016  
 \* 49 Structure Length: 112  
 51 Br. Rwdy. Width: 24.00  
 52 Deck Width: 25.00  
 \* 47 Tol. Horz. Cl: 24.00  
 50 Curb/Skew. Width: 0.50/0.50  
 \* 32 Approach Rdwy Width: 020  
 \* 229 Shoulder Width:  
     Rear Lt. 4.00 Type: 8 Rt: 4.00  
     Fwd Lt. 4.00 Type: 8 Rt: 4.00  
 Pavement Width:  
     Rear: 20.00 Type: 2  
     Fwd: 20.00 Type: 2  
 Intersection Rear: 0 Fwd: 0  
 36 Safety Features Br. Rail.  
 Transition:  
     App. G. Rail: 2  
     App. Rail End: 2  
 53 Minimum Cl. Over:  
     Under: N  
     99 ' 99 "  
     00 ' 00 "  
 \* 228 Min. Vertical Cl  
     Act. Odgm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odgm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Underrel. Rt: N 99.90  
 56 Lateral Underrel. Lt: 0.00  
 \* 10 Max Min Vert Cl:  
     99 ' 99 " Dir: 0  
 39 Max Vert Cl: 000 Horz: 0000  
 116 Max Vert Cl Closed: 000  
 245 Deck Thickness Main:  
     Deck Thick Approach: 6.00  
     Deck Thick Thickness: 0.00  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 1950 Sub: 1950

### Hydraulic Data

215 Waterway Data  
 Highwater Elev 00970 Year 1900  
 Avg Streambed Elev 00000 Field 00  
 Drainage Area 00000  
 Area Of Opening 000000  
 113 Scour Critical 1  
 216 Water Depth 09.5 Hr Height: 12.0  
 222 Slope Protection 7  
 221 Spur Dikes Rear 0 Fwd: 0  
 219 Bender System 0  
 220 Dredgim 0  
 223 Culvert Cover 000  
 Type 0  
 No Barrels 0  
 Width 0.00 Height 0.00  
 Length 0 Apron: 0  
 \* 265 U/W Insp Area 1 Diver. RM

\* Location (1) No 165-00733B-008.26N

### Ratings

65 Inventory Rating Method: 1  
 63 Inventory Rating Method: 1  
 66 Inventory Type: 2 Rating: 00  
 64 Operating Type: 2 Rating: 00  
 231 Calculated Loads  
     11-Modified: 20 0  
     11S-Modified: 28 0  
     Type 3: 21 0  
     Type 3s2: 34 0  
     Timber: 26 0  
     Piggyback: 00 0  
 261 11 Inventory Rating: L3  
 262 11 Operating Rating: 32  
 67 Structural Evaluation: 2  
 58 Deck Condition: 6  
 59 Superstructure Condition: 5  
 \* 227 Collision Damage: 0  
 60A Substructure Condition: 2  
 60B Scour Condition: 6  
 60C Underwater Condition: 6  
 71 Waterway Adequacy: 8  
 61 Channel Protection Cond: 6  
 68 Deck Geometry: 4  
 69 Understr. Horz/Vert: N  
 72 Appr. Alignment: 7  
 62 Culvert: N

### Posting Data

70 Bridge Posting Required: 5  
 41 Street Open, Posted, Cl: D  
 \* 103 Temporary Structure: 1  
 232 Posted Loads 11-Modified: 00  
     11S-Modified: 00  
     Type 3: 00  
     Type 3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

**FLEXIBLE PAVEMENT DESIGN ANALYSIS**

Project: CSBRG-0006-00(319)  
P.I. no.: 0006319

County: Jenkins

Description: Bridge Replacement on CR 200/Old Savannah Road over Sculls Creek

**Traffic Data** (NOTE: AADTs are one-way)

24-hour Truck Percentage: 5.00%  
AADT initial year of design period: 168 vpd (2009)  
AADT final year of design period: 274 vpd (2029)  
Mean AADT (one-way): 221 vpd

**Design Loading**

Mean AADT	LDL	Trucks	18-K ESAL	Total Daily Loads
221 *	1.00 *	0.050 *	0.40 =	5

Total predicted design period loading =  $5 * 20 * 365 = 36,500$

**Design Data**

Terminal Serviceability Index: 2.50  
Soil Support: 3.50  
Regional Factor: 1.40

**PROPOSED FLEXIBLE PAVEMENT STRUCTURE**

Material	Thickness Inches	Thickness (mm)	Structural Coefficient	Structural Value
9.5 mm Superpave	1.25	(32)	0.44	0.55
19 mm Superpave	2.00	(51)	0.44	0.88
Graded Aggregate Base	8.00	(203)	0.16	1.28

Required SN = 2.26

Proposed SN = 2.71

>>> Proposed pavement is 20.1% Overdesign <<<

Remarks: Standard Pavement Section for Local Road -GAB Base Alt.

Prepared by Adolfo Guzman August 9, 2007  
Date

Recommended State Materials & Research Engineer Date

Approved District Engineer Date

FLEXIBLE PAVEMENT DESIGN ANALYSIS

Project: CSBRG-0006-00(319)  
P.I. no.: 0006319

County: Jenkins

Description: Bridge Replacement on CR 200/Old Savannah Road over Sculls Creek

Traffic Data (NOTE: AADTs are one-way)

24-hour Truck Percentage: 5.00%  
AADT initial year of design period: 168 vpd (2009)  
AADT final year of design period: 274 vpd (2029)  
Mean AADT (one-way): 221 vpd

Design Loading

Mean AADT	LDL	Trucks	18-K ESAL	Total Daily Loads
221 *	1.00 *	0.050 *	0.40	= 5

Total predicted design period loading = 5 \* 20 \* 365 = 36,500

Design Data

Terminal Serviceability Index: 2.50  
Soil Support: 3.50  
Regional Factor: 1.40

PROPOSED FLEXIBLE PAVEMENT STRUCTURE

Material	Thickness Inches	(mm)	Structural Coefficient	Structural Value
9.5 mm Superpave	1.25	(32)	0.44	0.55
19 mm Superpave	2.00	(51)	0.44	0.88
25 mm Superpave	1.25	(32)	0.44	0.55
	2.75	(70)	0.30	0.83

Required SN = 2.26

Proposed SN = 2.81

>>> Proposed pavement is 24.5% Overdesign <<<

Remarks: Standard Pavement Section for Local Road -Asphal Base Alt.

Prepared by Adolfo Guzman August 9, 2007  
Date

Recommended State Materials & Research Engineer Date

Approved District Engineer Date

## Estimated Traffic Assignments

Project Number: CSBRG-0006-00(319)

Jenkins County

P.L. No. 0006319

CR200 has an average traffic volume of approximately 317 vehicles per day (VPD). See Table 1 below. The existing level of service (LOS) is A. The proposed improvements will have a LOS A for the design year.

<b>Table 1</b>					
<b>CR 200/Old Savannah Road over Sculls Creek</b>					
<b>Traffic Volumes (VPD)</b>					
	Existing (2007)	Build-Year (2009)		Design-Year (2029)	
		Build	No-Build	Build	No-Build
CR 200 over Sculls Creek (vpd)	317	333	333	547	547
% Trucks	5%	5%	5%	5%	5%
Trucks (vpd)	16	17	17	28	28
LOS	A	A	A	A	A

\* LOS was determined based on the Georgia Regional Transportation Authority's (GRTA) Technical Guidelines. The LOS criteria in GRTA's Technical Guidelines were adopted from Florida DOT's LOS Handbook.

**NOTICE OF LOCATION AND DESIGN APPROVAL**

**Project Number: CSBRG-0006-00(319)**

**County: Jenkins**

**P. I. Number: 0006319**

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

The date of location approval is: FEBRUARY 26, 2008  
Date of Approval

This project consists of replacing the substandard load capacity bridge on CR 200 over Sculls Creek in Jenkins County. The logic for establishing the 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 existing alignment and traffic will be rerouted to a detour utilizing the existing county and state roads. 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.

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

Angie Cooper, Area 2 Engineer - Swainsboro  
Georgia Department of Transportation  
685 Kite Road  
Swainsboro, Georgia 30401  
(478) 289-2614  
[Angie.Cooper@dot.state.ga.us](mailto:Angie.Cooper@dot.state.ga.us)

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:

George Brewer, Preconstruction Engineer  
Georgia Department of Transportation  
District Two Office  
801 Highway 15 South  
Tennille, Georgia 31089  
(478) 552-4601  
[George.Brewer@dot.state.ga.us](mailto:George.Brewer@dot.state.ga.us)

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.



**MEETING MINUTES**

**DATE:** October 3, 2007

**LOCATION:** Swainsboro Area Office, Area Two  
685 Kite Road  
Swainsboro, GA 30404

**PROJECTS:** CSBRG-0006-00(319) Jenkins County, P.I No. 0006319

**ATTENDEES:**

Renee Decker	GDOT, District 2	<a href="mailto:renee.decker@dot.state.ga.us">renee.decker@dot.state.ga.us</a>
Lisa Carmichael	GDOT, District 2	<a href="mailto:lisa.carmichael@dot.state.ga.us">lisa.carmichael@dot.state.ga.us</a>
Jim Kitchings	GDOT, District 2	<a href="mailto:j.kitchings@dot.state.ga.us">j.kitchings@dot.state.ga.us</a>
Ritchie Swindell	GDOT Area Engineer	<a href="mailto:william.swindell@dot.state.ga.us">william.swindell@dot.state.ga.us</a>
J. Michael Lee	GDOT Assistant Area Engineer	<a href="mailto:michael.lee@dot.state.ga.us">michael.lee@dot.state.ga.us</a>
Tom Moore	KCI Technologies	<a href="mailto:tmoore@kci.com">tmoore@kci.com</a>
Mike Stoltzfus	KCI Technologies	<a href="mailto:mstoltzfus@kci.com">mstoltzfus@kci.com</a>
Ossie Randall	Clark Patterson Associates	<a href="mailto:orandall@clarkpatterson.com">orandall@clarkpatterson.com</a>
Adolfo Guzman	Clark Patterson Associates	<a href="mailto:aguzman@clarkpatterson.com">aguzman@clarkpatterson.com</a>

---

This meeting was held to discuss the proposed Concept Report, and basically followed the attached agenda.

**Introduction**

Mike Stoltzfus (MS) of KCI Technologies opened the meeting. He explained that KCI Technologies is the prime consultant and that Clark Patterson Associates is the subconsultant responsible for the development of the concept and roadway design.

**I. Meeting Purpose**

MS stated that the purpose of the Concept Meeting was to present the proposed concept and alternatives and to discuss project issues to produce a better understanding of the project scope and objectives.

## MINUTES OF MEETING

CR 200/Old Savannah Rd @ Sculls Creek

October 8, 2007

Page 2

### II. Project Identification

MS stated that project CSBRG-0006-00(319) P.I. No. 0006319 in Jenkins County consists of the replacement of the substandard bridge on CR 200/Old Savannah Road over Sculls Creek.

### III. Project Schedule

MS stated that Concept approval is expected by November 27, 2007

The need for a Public Information Open House (PIOH) was discussed and Jim Kitchings (JK) stated a PIOH is necessary to alert the community of the detour.

The project schedule shown in the concept was discussed and agreed upon. The project schedule will depend upon the environmental approval ultimately.

### IV. Project Issues

- Evaluate Need and Purpose Statement - MS went over the Need and Purpose. In summary, the project is needed because the existing bridge is substandard and has low structural evaluation and sufficiency ratings.
- Environmental - KCI is responsible for the environmental investigation along the corridor, and was represented by Tom Moore (TM). TM provided environmental handout (see attachment) noting protected species in the area but none within the project area, traditional navigable waters impacts, wetland impacts, archaeology and history. Maps for preliminary wetland delineation and archaeology site shovel tests were provided. Environmental concerns to be considered in order of importance are history, archeology and ecology. The alternative presented today utilized the existing alignment. Archaeological sites were found in two areas: northwest approach side and southeast approach side. . JK asked if the document would be a Categorical Exclusion (CE). TM acknowledged a CE is expected.
- No public input to date concerning project
- Alternatives considered - Ossie Randall (OR) suggested adding an alternative showing slight alignment shift to avoid the archaeology sites.
- No design variances or exceptions expected after the draft design policy revision is approved.
- Vertical alignment has not been set – awaiting bridge hydraulic study with required elevation provided. MS stated that bridge sub-consultant would be given notice to proceed after concept report approval. Preliminary horizontal alignment matches existing.
- Typical section – proposed 2-12 LF lanes with 10 LF unpaved shoulder. It was a discussion of whether paved shoulder would be required. Lisa Carmichael (LC) advised by email to use a 10 LF unpaved shoulder for design at this time. Use 4-foot flat bottom ditch where needed. Bridge width would be 30 LF wide.
- A Practical Alternative Report (PAR) is not expected on this project.
- Right-of-Way – an additional twenty foot wide strip left and right of roadway is proposed for a total 120 foot width.
- Utilities noted are telephone and power

**MINUTES OF MEETING**

CR 200/Old Savannah Rd @ Sculls Creek

October 8, 2007

Page 3

- The accident rates are below the statewide averages for the respective years. The current Level of Service (LOS) for CR 200 meets Level A
- Maintenance of Traffic -- road/bridge will be closed for construction. The current traffic ADT = 317 and a practical detour route is available. Detour plan will be presented at PIOH and will be submitted for approval after preliminary
- OR inquired if there are any existing maintenance problems in the area for design considerations. The County maintains road and Carol Cates, County Administrator, contact info provided 478-982-8563
- Project Schedule will depend upon Environmental approval ultimately.
- Due to safety ratings of bridge the No Build option was eliminated.
- Estimated Construction Cost including Right-of-Way = approximately \$872,000.00
- The need of a VE study was discussed and it was deemed not required for this project base on the current guidelines.
- All agreed that there will not be impact to project EDS-555(4) P.I. No. 222250 SR 67/Savannah River Parkway from CR 190 to SR 121 in Jenkins County.

Distribution: Attendees  
File

# AGENDA

---

## CSBRG-0006-00(319), Jenkins County CR 200, Old Savannah Road @ Sculls Creek – Bridge Replacement

### Concept Team Meeting

October 3, 2007

#### Introduction

**I. Meeting Purpose** – To present the proposed concept and alternatives and discuss project issues to produce a better understanding of the project scope and objectives. Allow attendees the opportunity to contribute to the concept process to produce a high quality concept report.

#### II. Project Identification

CSBRG-0006-00(319) CR 200, Old Savannah Road @ Sculls Creek Bridge Replacement

#### III. Project Schedule

#### IV. Project Issues (As Applicable)

- Evaluate need and purpose statement
- Project background
- Location of environmental resources such as:
  - Wetlands
  - Potential historic properties and historic sites
- Public input to date
- Alternatives considered and rejected to date sufficient for inclusion into the environmental document
- Design guidelines proposed to be used
- Horizontal and vertical alignments
- Typical sections
- Practical Alternative Report (PAR)
- Type of environmental document required
- Environmental permits/studies required (Section 404, TVA, 4(f), biological assessments, etc.)
- Determine status and type of Local Government Agreements (LGPA), Project Management Agreements
- Right-of-Way requirements/estimate including easements:
  - Potential number of parcels
  - Number of Relocatees,
  - Estimated right-of-way cost
  - Who will be responsible for purchasing the right-of-way
- Name, size, and location of utilities along the project (including utility cost estimates),
- Preliminary bridge assessments and structural needs including retaining and noise walls,
- Accident history,
- Potential soil conditions along project,
- Construction limits,
- Maintenance of traffic (detour, closed, or constructed under traffic),



# Concept Team Meeting

Lisa Carmichael	lisa.carmichael@dot.state.ga.us	478-553-2275 478-553-22
Jean KITCHINGS	J.KITCHINGS@dot.state.ga.us	DIST DOT EDUCATION 478-289-2614
PITCHIE SWINDELL	william.swindell@dot.state.ga.us	AREA ENG. DOT 478-289-2614
J. Michael Lee	michael.lee@dot.state.ga.us	AREA ENG CONST. 678-990-6202
Tom Moore	TMOORE@KCI.com	SR. ENGINEER WITH SENIOR
Adolfo GUEZMAN	aguzman@clarkpatterson.com	770-851-9000
OSSIE RANDALL	orandall@clarkpatterson.com	678-318-1232
Mike Stoltzfus	mstoltzfus@kci.com	678-990-6211
Renee Decker	renee.decker@dot.state.ga.us	

GEORGIA FORESTRY  
COMMISSION



12355 US Hwy 301 East  
Bellemeade, GA 30117  
T 912-881-6490  
F 912-881-1795  
An Equal Opportunity  
Employer & Service Provider

July 16, 2007



Spang Perdue  
Governor

Robert D. Finto  
Interim Director

Board of  
Commissioners:  
Jim L. Cook, Jr., Chairman  
Sage Hill

Victor Beason  
Member

Wesley Longhitt  
Member

H. G. Thomas III  
Member

Robert Powell  
Member

Fred Warner  
Member

H. G. Thomas  
Member

Lori Kennedy  
NEPA Specialist  
6300 Powers Ferry Road  
Bldg. 600 Suite 341  
Atlanta, GA 30339

Re: Early Coordination Request for Project CSBRG-0006-00(319), Jenkins  
County, P.I. No. 0006319 – Replacement of CR 200/ Old Savannah Road Bridge  
over Sculls Creek

Dear Mrs. Kennedy,

I have visited the site where the proposed bridge construction will be taking  
place in Jenkins County. During my inspection I did not see any conditions of  
special concern from the forestry prospective. If you have any questions please  
feel free to call me at 912-881-0490.

Sincerely,

Jeremy Hughes  
Forester- Jenkins County