

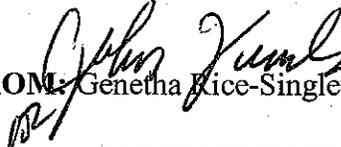
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE:** P.I. No. 0008396, Jackson County  
CSBRG-0008-00(396)  
CR 146/Gahlee Church Road over Middle Oconee River -  
Bridge Replacement

**OFFICE:** Program Control

**DATE:** September 18, 2009

**FROM:**  Genetha Rice-Singleton, Program Control Administrator

**TO** SEE DISTRIBUTION

**SUBJECT APPROVED PROJECT CONCEPT REPORT**

Attached for your files is the approval for subject project.

Attachment

DISTRIBUTION:

Ron Wishon  
Glenn Bowman  
Ken Thompson  
Michael Henry  
Keith Golden  
Paul Liles  
Russell McMurry  
Robert Mahoney  
Justin Lott  
BOARD MEMBER

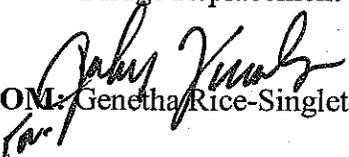
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENTAL CORRESPONDENCE**

**FILE:** P.I. No. 0008396, Jackson County  
CSBRG-0008-00(396)  
CR 146/Gahlee Church Road over Middle Oconee River -  
Bridge Replacement

**OFFICE:** Program Control

**DATE:** August 27, 2009

  
**FROM:** Genetha Rice-Singleton, Program Control Administrator

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

**SUBJECT: PROJECT CONCEPT REPORT**

This project is the replacement of a structurally deficient bridge on CR 146/Gahlee Church Road over Middle Oconee River, 3.7 miles southwest of Jefferson, Georgia. The existing bridge, constructed in 1961, is a 264'x 30' concrete structure with a sufficiency rating of 20. County Road 146 at this location is a rural two lane roadway with 11' lanes, and variable width grass shoulders. County Road 146 is classified as a rural collector. The base year traffic (2013) along this section of CR 146 is 1,905 VPD. The design year (2033) volumes are projected to be 3,810 VPD. The posted and proposed speed design is 35 MPH.

The project proposes to construct a new 285'x 38' concrete bridge over Middle Oconee River at the existing bridge site. The approaches will consist of two, 11' lanes with 6' rural shoulders. The existing bridge will be closed to traffic during construction. Jackson County will be responsible for the signing and maintenance of detour routes.

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

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C)	\$ 2,021,000	\$ 7,195,700	L110	LR
Right-of-way & Utilities	Local	Local	Local	Local

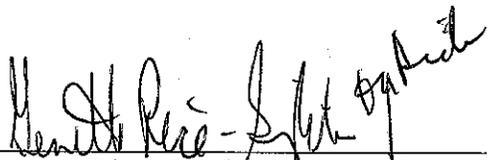
P.I. No. 0008396, Jackson County  
Page 2  
August 27, 2009

\* Jackson County signed PFA for PE, right-of-way and utilities 4-2-2009

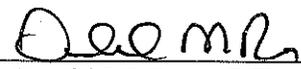
I recommend this project concept be approved.

GRS: JDQ  
Attachment

CONCUR

  
\_\_\_\_\_  
Director of Preconstruction

APPROVED

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

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

FILE: CSBRG-0008-00(396), Jackson County      OFFICE: Gainesville  
P.I. No. 0008396  
DATE: June 29, 2009

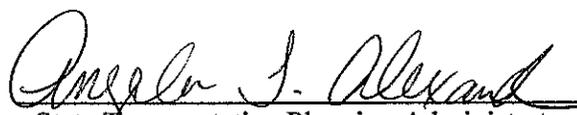
FROM: Russell McMurry, P.E., District Engineer

TO: Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT: Project Concept Report

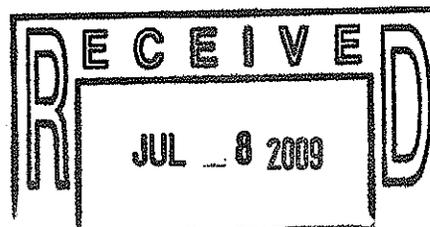
Attached is the original copy of the Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

DATE 7/6/09

  
State Transportation Planning Administrator

**Distribution**

*Ronald E. Wishon, Project Review Engineer*  
*Glenn Bowman, P.E., State Environmental/Location Engineer*  
*Keith Golden, P.E., State Traffic Safety & Design Engineer*  
*Angela T. Alexander, State Transportation Planning Administrator*  
*Angela Whitworth, State Financial Management Administrator*  
*Paul Liles, P.E., State Bridge Design Engineer*



**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE: P.I. No. 0008396**

**OFFICE: Environment/Location**

**PROJECT No. CSBRG-0008-00(396) / JACKSON  
County**

**DATE: 7/24/09**

**Galilee Church Road (CR 146) Bridge Replacement**

**FROM:**

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

**TO:**

Genetha Rice-Singleton, Assistant Director of Preconstruction

**SUBJECT:**

**PROJECT CONCEPT REPORT REVIEW**

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

1. Please list who is responsible for the environmental work in the Project Responsibilities section.
2. According to the attached Framework Agreement, the locals are responsible for "all work required to obtain project permits, including but not limited to, US Army Corps of Engineers 404...approval." This would include obtaining any mitigation credits since the mitigation is required to fulfill the requirements of the permit.
3. A June 2009 aquatic survey confirmed the presence of the Altamaha Shiner (*Cyprinella xaenura*) in the Middle Oconee River at this crossing. Stringent BMPs are to be employed to minimize risk to the species and its spawning habitat. No in-stream work is to be conducted during the spawning season for this species.
4. See Page 5 in the concept report; there is an eligible historic property located adjacent to the project corridor. If significant impacts to historic 4(f) resources cannot be avoided, then the proposed environmental schedule must be revised significantly.

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

GB:lc

cc: Ron Wishon  
Angela Whitworth  
Keith Golden  
Angela Alexander  
Russell McMurry  
Paul Liles

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*District 1 Preconstruction Office*

**PROJECT CONCEPT REPORT**

Project Number CSBRG-0008-00 (396)

County Jackson

P I Number 0008396

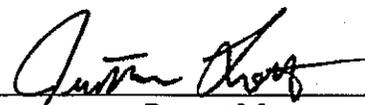
Federal Route Number N/A

State Route Number N/A

*See project location sketch on Page 2  
Galilee Church Road (CR 146) Bridge Replacement*

Recommendation for approval

DATE 6/25/09

  
Project Manager

DATE 6/25/2009

  
District Engineer

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Financial Management Administrator

DATE 7/24/09

  
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**

*District 1 Preconstruction Office*

**PROJECT CONCEPT REPORT**

Project Number CSBRG-0008-00 (396)

County Jackson

P I Number 0008396

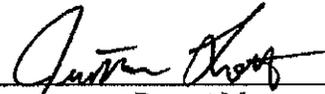
Federal Route Number N/A

State Route Number N/A

*See project location sketch on Page 2  
Galilee Church Road (CR 146) Bridge Replacement*

Recommendation for approval

DATE 6/25/09

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

DATE 6/25/2009

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

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

DATE 7/6/2009

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Financial Management Administrator

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

## NOTICE OF LOCATION AND DESIGN APPROVAL

**Project Number: CSBRG-0008-00 (396)**  
**Jackson County**  
**P. I. Number: 0008396**

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

The date of location approval is SEPTEMBER 18, 2009

The proposed project consists of the replacement of the Galilee Church Road (CR 146) Bridge over Middle Oconee River in Jackson County. The project proposes to replace the existing bridge, which has a low sufficiency rating, and to improve the existing roadway to provide two 11-foot lanes with 6-shoulders (2-1/2-foot paved & 3-1/2-foot grassed)

This project is located within Jackson County, Congressional District No 10, Georgia Militia District No 245. Jackson County is not divided into land lots or districts.

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.

Johnny Emmett  
Area Engineer  
Georgia Department of Transportation  
jemmett@dot.ga.gov  
Athens Area Office- Area Six  
450 Old Hull Road  
Athens, GA 30601  
(706) 369-5627

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

Justin Lott  
District 1 Design Engineer  
Georgia Department of Transportation  
jlott@dot.ga.gov  
2505 Athens Highway  
Gamesville, GA 30503  
(770) 718-5012

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**

*District 1 Preconstruction Office*

**PROJECT CONCEPT REPORT**

Project Number CSBRG-0008-00 (396)

County Jackson

P I Number 0008396

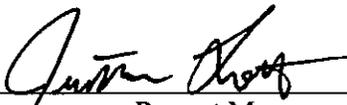
Federal Route Number N/A

State Route Number N/A

*See project location sketch on Page 2  
Galilee Church Road (CR 146) Bridge Replacement*

Recommendation for approval

DATE 6/25/09

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

DATE 6/25/2009

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

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Financial Management Administrator

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

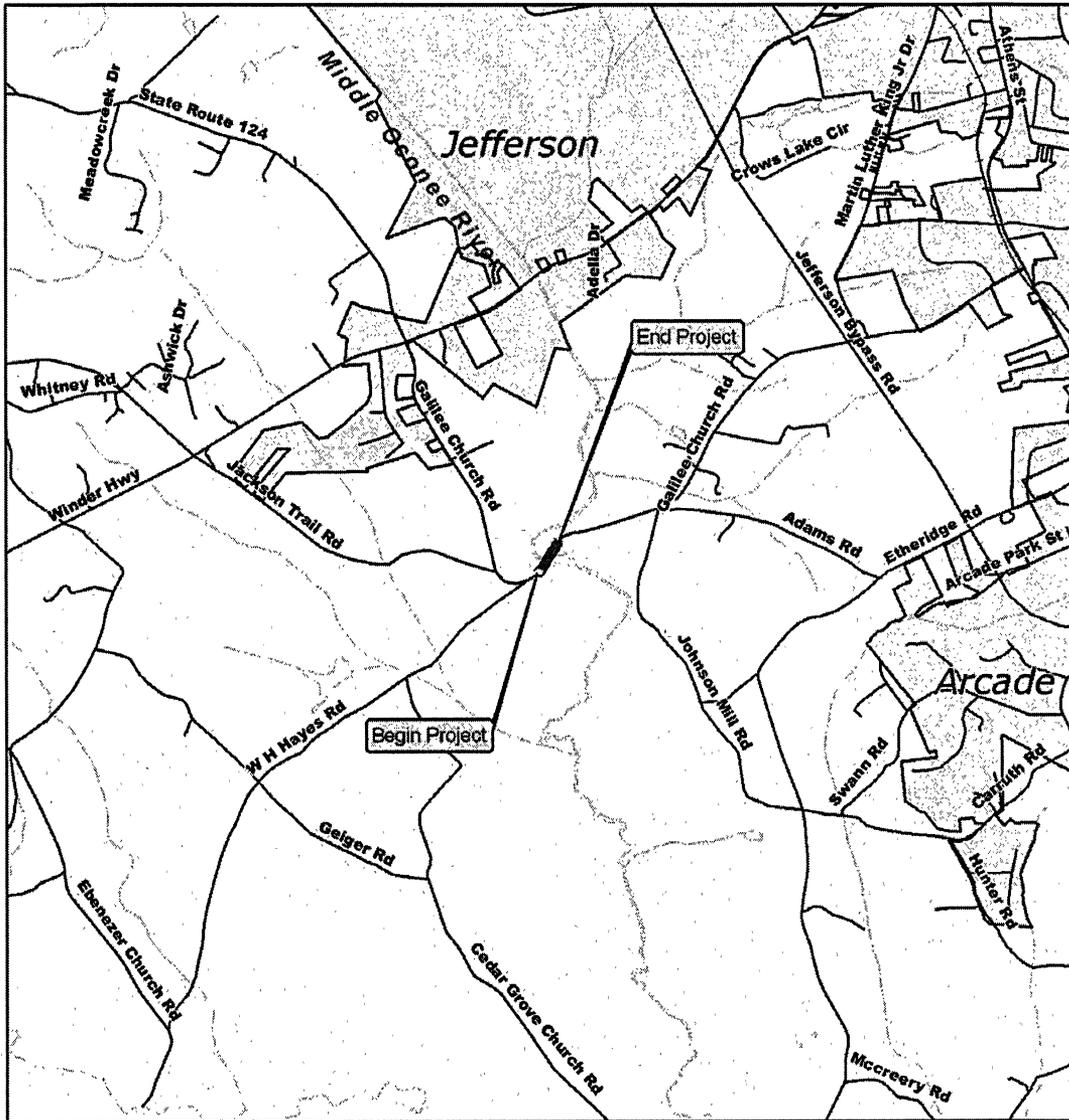
\_\_\_\_\_  
Project Review Engineer

DATE \_\_\_\_\_

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

Project Concept Report page 2  
 Project No. CSBRG-0008-00(396)  
 PI No. 0008396  
 County: Jackson

### Project Location Map Galilee Church Road (CR 146)



Source: Jackson County GIS

D-27-08

	<p>Project Location Map</p> <p>Project Alignment</p>	<p>CSBRG-0008-00(396)          PI#0008396          CR 146/Galilee Church Road          at Middle Oconee River</p>	
<p>Jackson County, Georgia</p>			

**Need and Purpose**

The existing bridge structure at Galilee Church Road (CR 146) over the Middle Oconee River has been inspected and evaluated by the Georgia Department of Transportation (GDOT) and is listed in their Bridge Inventory Data listing dated July 25, 2006. The sufficiency rating of the structure is 20.11 and requires replacement because it is not feasible to rehabilitate the structure. The bridge structure ID No is 157-5022-0. The bridge is currently posted to limit truck weights crossing it specifically to 15 tons for H-Trucks, 18 tons for Type 3 Trucks and 24 tons for Timber Trucks.

Planning Background and Project History

The Georgia Department of Transportation, in an effort to improve safety at bridges conducts a statewide inspection of all bridges. This project has identified that the bridge is in need of replacement and is listed in the GDOT 6-year construction program for Jackson County.

The project is located 3.7 miles southwest of the city of Jefferson. It is located along Galilee Church Road (CR 146) over the Middle Oconee River in Jackson County between the intersection of W H Hayes Rd and Johnson Mill Rd. The length of the project is approximately 1210 feet along Galilee Church Rd.

Traffic and Safety

Twenty-four hour count data was collected in October 2007 for Galilee Church Road near the bridge over Middle Oconee River. A total of 1,792 vehicles per day cross this bridge. Of the total traffic volume, trucks account for 24% of the traffic.

Accident data available from the Georgia Department of Transportation reported no traffic collision between vehicles for the years 2004, 2005 and 2006. A complete summary of the accidents is attached.

**Description of the proposed project**

Project CSBRG-0008-00 (396), PI No 0008396 consists of the replacement of the Galilee Church Road (CR 146) Bridge over Middle Oconee River in Jackson County. The project proposes to improve the existing roadway to provide two 11-foot lanes with 6-foot shoulders (2-1/2-foot paved and 3-1/2-foot grass). The existing bridge would be replaced with a slightly higher and wider bridge providing two 11-foot lanes and 8-foot shoulders.

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

PDP Classification Major \_\_\_\_\_ Minor

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

Functional Classification Rural Collector Street

U S Route Number(s) N/A State Route Number(s) N/A

Traffic (AADT) Build Year (2013) 1,905 Design Year (2033) 3,810

**Existing design features**

- Typical Section Existing roadway consists of two sub-11' lanes with varying width grass shoulders The existing bridge consists of two 12' lanes with no shoulders or horizontal offset to the curb face
  
- Posted speed 35 mph Minimum radius for curve 600'
- Maximum super-elevation rate for curve 9.0%
- Maximum grade 7.0%
- Width of right of way 80 feet
  
- Major structures Galilee Church Road bridge over Middle Oconee River
  - L = 264'
  - W = 30'
  - Sufficiency Rating = 20 11
  
- Major intersections along the project None
  
- Length of existing roadway is approximately 0.23 mile  
Begin Project M P 1.24 (Jackson County)  
End Project M P 1.47 (Jackson County)

**Proposed Design Features**

- Proposed typical section(s)
  - Galilee Church Road/CR 146 - The proposed typical section shall provide two 11-foot travel lanes with 6-foot shoulders (2-1/2-foot paved and 3-1/2-foot grass)
  - Galilee Church Road/CR 146 Bridge - The proposed bridge typical section proposes two 11-foot lanes with 8-foot shoulders
  
- Proposed Design Speed 35 mph
- Proposed Maximum bridge grade 2.3%
- Proposed Maximum roadway grade 7.0% Maximum grade allowable 9%
- Proposed Minimum radius for curve = 575'
- Proposed Minimum radius allowable = 340'
  
- Proposed Right-of-Way
  - At this time no required right-of-way, is anticipated for this project
  - Easements Temporary ( X ), Permanent ( X ), Utility ( ), Other ( X )
  - Type of access control Full ( ), Partial ( ), By Permit ( X ), Other ( )
  - Number of parcels 4 Number of displacements
    - Businesses 0
    - Residences 0
    - Mobile homes 0
    - Other 0

- Proposed Structures
  - Bridge: This project proposes a new bridge over the Middle Oconee River. The existing bridge would be replaced with a raised, widened bridge providing two 11-foot lanes with 8-foot shoulders.
  - Bridge Type: Prestressed Concrete
  - No. of spans: 4
  - Length: 285'
  - Maximum Span: 90'
  - Bridge Width: 22' travelway with 8' shoulders on each side (see attached typical section)
  
- Major intersections along the project: None
  
- Traffic control during construction: Road will be closed during construction as indicated by Jackson County. See attached detour plan map.

- 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 would be required for 11-foot lanes on Galilee Church Road. The 11-foot lanes would more closely match the existing lane widths.
  
- Environmental concerns:
  - The Mill and Johnson Farm Property located on the southeast side of Galilee Church Road Bridge would be potentially eligible for the National Register of Historic Properties. No impacts to this property are anticipated at this time.
  - An aquatic survey performed in June 2009 identified the presence of a state-threatened species, the Altamaha Shiner (*Cyprinella xaenura*). Stringent BMP's should be implemented and construction activities monitored closely to minimize impacts to this threatened species. No in-stream construction should be conducted during spawning.
  
- 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:
  - Jackson County Water Authority
  - Georgia Power (Distribution)
  - Windstream Communications

**Project responsibilities:**

- Design, *Jackson County*
- Right-of-way Acquisition, *Jackson County*
- Relocation of Utilities, *Jackson County*
- Letting to contract, *Georgia DOT*
- Supervision of construction, *Georgia DOT*
- Providing material pits, (if required) *Construction Contractor*
- Providing detours, *Jackson County*
- Environmental, *Jackson County*

**Coordination:**

- Initial Concept Meeting – A meeting was held with representatives from Jackson County, Moreland Altobelli Associates and the Georgia Department of Transportation. It was decided that a formal, initial concept team meeting would not be necessary because of the small size of this project.
- Concept Meeting – A concept team meeting was held on January 24, 2008. See attached minutes of the meeting.
- P. A. R. meetings, dates, and results. No P.A.R. is required for this project.
- FEMA, USCG, and/or TVA. – No permits are required.
- Public involvement. A Public Information Open House (PIOH) was held on February 24, 2009 at Galilee Christian Church to inform the public about the detour of the road during construction.
- A Value Engineering study is not required for this project.
- Local government comments. Jackson County supports the project and would like to have the bridge replaced as soon as possible because school buses travel across this bridge.
- Other projects in the area.
  - GDOT P.I. No. 132550 – SR 11 @ SR 124/Galilee Church Road – Intersection Improvement
  - GDOT P.I. No. 0007663 – SR 124 from CR 171/Josh Pirkle Rd to SR 11/US 129 – Widening
  - GDOT P.I. No. M003485 – SR 326 – Resurfacing and maintenance.
- Railroads: There are no railroads in the vicinity of the project.
- Other coordination to date: None

**Scheduling – Responsible Parties' Estimate**

- Time to complete the environmental process: 6 to 9 Months.
- Time to complete preliminary construction plans: 3 Months.
- Time to complete right-of-way plans: 5 Months.
- Time to complete final construction plans: 7 Months.
- Time to complete to purchase right-of-way: 12 Months.

**Other alternates considered**

- No-Build Alternate  
Under the No-Build Alternate, no action would be taken to replace existing bridge. The No-Build is not a prudent alternative because it would not improve the bridge sufficiency rating as stated in the need and purpose. It is not feasible to rehabilitate the existing bridge.
  
- Asymmetrical Bridge Replacement  
This project was envisioned as a simple bridge replacement with no alignment change, this results in bridge closure during construction and was supported by the concept team. Maintaining traffic during construction by asymmetrically widening the bridge would impact the historic property and would result in greater design and construction costs. For these reasons, asymmetrical widening was eliminated from consideration.

**Comments** None

**Attachments**

- 1 Cost Estimates
  - a Construction
  - b Fuel & Asphalt Adjustment Index
  - c Contingency Summary
  - d Right of Way
- 2 Typical sections
- 3 Traffic Flow Diagrams
- 4 Accident Summary
- 5 Bridge Inventory Data
- 6 Concept Meeting Minutes
- 7 PFA
- 8 Location & Design Notice
- 9 Detour Map
- 10 Concept Layout

**SCORING RESULTS AS PER TOPPS 2440-2**

<b>Project Number</b>		<b>County</b>		<b>PI No</b>	
<b>Report Date</b>		<b>Concept By</b>			
		DOT Office			
<input type="checkbox"/> CONCEPT					
		Consultant			
<b>Project Type</b> Choose One From Each Column		<input type="checkbox"/> Major <input type="checkbox"/> Minor	<input type="checkbox"/> Urban <input type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input 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>					
<b>Judgement</b>					
<b>Environmental</b>					
<b>Right of Way</b>					
<b>Utility</b>					
<b>Constructability</b>					
<b>Schedule</b>					

**Estimate Report for file "0008396\_2008-11-26"**

<b>Section Signing and Marking Items</b>					
<b>Item Number</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Item Description</b>	<b>Cost</b>
636-1020	15	SF	15 11	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	226 65
636-1033	25	SF	19 64	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	491 00
636-2070	72	LF	8 09	GALV STEEL POSTS, TP 7	582 48
636-2080	28	LF	9 31	GALV STEEL POSTS, TP 8	260 68
653-1501	1900	LF	0 69	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	1311 00
653-1502	1890	LF	0 65	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	1228 50
654-1001	30	EA	3 12	RAISED PVMT MARKERS TP 1	93 60
657-1085	570	LF	5 45	PREFORMED PLASTIC SOLID PVMT MKG, 8 IN, CONTRAST (BLACK-WHITE), TP PB	3106 50
657-6085	570	LF	5 80	PREFORMED PLASTIC SOLID PVMT MKG, 8 IN, CONTRAST (BLACK-YELLOW), TP PB	3306 00
<b>Section Sub Total</b>					<b>\$10,606 41</b>

<b>Section Erosion Control Items</b>					
<b>Item Number</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Item Description</b>	<b>Cost</b>
163-0232	2	AC	703 86	TEMPORARY GRASSING	1407 72
163-0240	14	TN	159 79	MULCH	2237 06
163-0300	2	EA	1676 23	CONSTRUCTION EXIT	3352 46
163-0523	26	EA	166 64	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS - TYPE C SILT FENCE	4332 64
165-0030	1900	LF	1 63	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	3097 00
165-0040	26	EA	66 12	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	1719 12
165-0101	2	EA	592 87	MAINTENANCE OF CONSTRUCTION EXIT	1185 74
167-1000	2	EA	1207 94	WATER QUALITY MONITORING AND SAMPLING	2415 88
167-1500	12	MO	953 53	WATER QUALITY INSPECTIONS	11442 36
171-0030	1900	LF	4 04	TEMPORARY SILT FENCE, TYPE C	7676 00
700-6910	3	AC	1063 20	PERMANENT GRASSING	3189 60
700-7000	9	TN	59 69	AGRICULTURAL LIME	537 21
700-7010	8	GL	20 46	LIQUID LIME	163 68
700-8000	3	TN	286 72	FERTILIZER MIXED GRADE	860 16
700-8100	150	LB	2 46	FERTILIZER NITROGEN CONTENT	369 00
716-2000	2450	SY	1 20	EROSION CONTROL MATS, SLOPES	2940 00
<b>Section Sub Total</b>					<b>\$46,925 63</b>

<b>Section Roadway Items</b>					
<b>Item Number</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Item Description</b>	<b>Cost</b>
150-1000	1	LS	101050 00	TRAFFIC CONTROL - PROJECT CSBRG 0008-00 (396)	101050 00
210-0100	1	LS	58200 00	GRADING COMPLETE - PROJECT CSBRG-0008-00(396)	58200 00
310-5100	3061	SY	16 33	GR AGGR BASE CRS, 10 INCH, INCL MATL	49986 13
402-3121	673	TN	90 00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	60570 00
402-3130	253	TN	90 00	RECYCLED ASPH CONC 12 5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	22770 00
402-3190	253	TN	90 00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	22770 00
413-1000	24	GL	2 21	BITUM TACK COAT	53 04
433-1000	290	SY	152 70	REINF CONC APPROACH SLAB	44283 00
621-4021	140	LF	444 19	CONCRETE SIDE BARRIER, TYPE 2A	62186 60
641-1100	60	LF	48 31	GUARDRAIL, TP T	2898 60
641-1200	420	LF	16 80	GUARDRAIL, TP W	7056 00
641-5001	2	EA	635 33	GUARDRAIL ANCHORAGE, TP 1	1270 66
641-5012	2	EA	1778 08	GUARDRAIL ANCHORAGE, TP 12	3556 16
<b>Section Sub Total</b>					<b>\$436,650 19</b>

<b>Section Bridge Items</b>					
<b>Item Number</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Item Description</b>	<b>Cost</b>
211-0300	73	CY	37 16	BRIDGE EXCAVATION, STREAM CROSSING	2712 68
500-0100	1380	SY	4 17	GROOVED CONCRETE	5754 60
500-1006	275	LS	1122 40	SUPERSTR CONCRETE, CL AA, BR NO -	308660 00
500-2100	570	LF	56 44	CONCRETE BARRIER	32170 80
500-3002	376	CY	692 53	CLASS AA CONCRETE	260391 28
507-9002	1365	LF	126 40	PSC BEAMS, AASHTO TYPE II, BR NO -	172536 00
507-9003	630	LF	145 81	PSC BEAMS, AASHTO TYPE III, BR NO -	91860 30
511-1000	60091	LB	0 96	BAR REINF STEEL	57687 36
511-3000	61776	LS	0 95	SUPERSTR REINF STEEL, BR NO -	58687 20
516-1100	570	LF	76 86	ALUM HANDRAIL, STD 3626	43810 20
520-1147	2700	LF	58 18	PILING IN PLACE, STEEL H, HP 14 X 73	157086 00
525-1000	2	EA	19676 50	COFFERDAM	39353 00
540-1101	1	LS	125542 28	REMOVAL OF EXISTING BR, STA NO -	125542 28
603-2024	4579	SY	54 41	STN DUMPED RIP RAP, TP 1, 24 IN	249143 39
603-7000	4579	SY	4 88	PLASTIC FILTER FABRIC	22345 52
<b>Section Sub Total</b>					<b>\$1,627,740 61</b>

**Total Estimated Cost \$2,121,922 84**

P I Number 8396

County Jackson

Date 5/6/2009

Project Number CSBRG-0008-00(396)

**Special Provision, Section 109-Measurement and Payment  
FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)**

ENTER FPL DIESEL	2 19
ENTER FPM DIESEL	4 928

ENTER FPL UNLEADED	1 926
ENTER FPM UNLEADED	4 3335

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

<b>INCREASE ADJUSTMENT</b>
125 00%

<b>INCREASE ADJUSTMENT</b>
125 00%

ROADWAY ITEMS	QUANTITY	DIESEL FACTOR	GALLONS DIESEL	UNLEADED FACTOR	GALLONS UNLEADED	REMARKS
Excavations paid as specified by Sections 205 (CUBIC YARD)		0 29		0 15		
Excavations paid as specified by Sections 206 (CUBIC YARD)		0 29		0 15		
GAB paid as specified by the ton under Section 310 (TON)	3061 000	0 29	887 69	0 24	734 64	
Hot Mix Asphalt paid as specified by the ton under Sections 400(TON)		2 90		0 71		
Hot Mix Asphalt paid as specified by the ton under Sections 402(TON)	1179 000	2 90	3419 10	0 71	837 09	
PCC Pavement paid as specified by the square yard under Section 430(SY)		0 25		0 20		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Bridge Excavation (CY) Section 211	73 00	37 16	2 7127	8 00	21 70	1 50	4 07	
Class __Concrete (CY) Section 500	376 00	692 53	260 3913	8 00	2083 13	1 50	390 59	
Class __Concrete (CY) Section 500				8 00		1 50		
Class __Concrete (CY) Section 500				8 00		1 50		
Superstru Con Class__(CY) Section 500	275 00	1 122 40	308 6600	8 00	2469 28	1 50	462 99	
Superstru Con Class__(CY) Section 500				8 00		1 50		
Superstru Con Class__(CY) Section 500				8 00		1 50		
Concrete Handrail (LF) Section 500				8 00		1 50		
Concrete Barner (LF) Section 500	570 00	43 04	24 5328	8 00	196 26	1 50	36 80	

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
--------------	----------	------------	---------	---------------	----------------	-----------------	------------------	---------

Stru Steel Plan Quantity (LB) Section 501				8 00		1 50	
Stru Steel Plan Quantity (LB) Section 501				8 00		1 50	
PSC Beams____ (LF) Section 507	1365 00	126 40	172 5360	8 00	1380 29	1 50	258 80
PSC Beams____ (LF) Section 507	630 00	145 81	91 8603	8 00	734 88	1 50	137 79
PSC Beams____ (LF) Section 507				8 00		1 50	
Stru Reinf Plan Quantity(LB) Section 511	61776 00	0 95	58 6872	8 00	469 50	1 50	88 03
Stru Reinf Plan Quantity(LB) Section 511				8 00		1 50	
Bar Reinf Steel (LB) Section 511	60091 00	0 96	57 6874	8 00	461 50	1 50	86 53
Piling____ inch (LF) Section 520	2700 00	58 18	157 0860	8 00	1256 69	1 50	235 63
Piling____ inch (LF) Section 520				8 00		1 50	
Piling____ inch (LF) Section 520				8 00		1 50	
Piling____ inch (LF) Section 520				8 00		1 50	
Piling____ inch (LF) Section 520				8 00		1 50	
Piling____ inch (LF) Section 520				8 00		1 50	
Drilled Caisson,____ (LF) Section 524				8 00		1 50	
Drilled Caisson,____ (LF) Section 524				8 00		1 50	
Drilled Caisson,____ (LF) Section 524				8 00		1 50	
Pile Encasement,____(LF) Section 547				8 00		1 50	
Pile Encasement,____(LF) Section 547				8 00		1 50	
<b>SUM QF DIESEL=</b>				<b>13380 02</b>	<b>SUM QF UNLEADED=</b>		<b>3272 96</b>
<b>DIESEL PRICE ADJUSTMENT(\$)</b>				<b>\$33,697 58</b>			
<b>UNLEADED PRICE ADJUSTMENT(\$)</b>				<b>\$7,249 28</b>			



## ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)

APPLICABLE TO CONTRACTS CONTAINING THE 413 SPEC. SECTION 413 5 01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

ENTER APL

ENTER APM

Use this side for Asphalt Emulsion Only		
L I N	TYPE	ASPHALT EMULSION (GALLONS)
TMT = <input style="width: 100px;" type="text"/>		
REMARKS		

Use this side for Asphalt Cement Only		
L I N	TYPE	TACK (GALLONS)
TMT = <input style="width: 100px;" type="text"/>		
REMARKS		

### ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)	
DIESEL PRICE ADJUSTMENT(\$)	<u>\$33,697 58</u>
UNLEADED PRICE ADJUSTMENT(\$)	<u>\$7,249 28</u>
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	<u>\$43 91</u>
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	<u>\$26,456 76</u>
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	

REMARKS	
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## **CONTINGENCY SUMMARY**

November 2008

Project CSBRG-0008-00(396)

PI 008396, Jackson County

Galilee Church Road Bridge Replacement over Middle Oconee River

Construction Cost Estimate	\$ 2,121,923
Engineering and Inspection (5%)	\$ 106,096
Construction Contingency (4%)	\$ 84,877
Total Fuel Adjustment	\$ 40,947
Total Liquid AC Adjustment	\$ 26,501
<b>Construction Total</b>	<b>\$ 2,380,344</b>

# Preliminary Right of Way Cost Estimate

**Date** June 9, 2009  
**Project** CSBRG-0008-00 (396) **P I Number** 008396  
**Existing/Required R/W** Varies / Varies **No. Parcels** 3  
**Project Termini** Galilee Church Road approx 450' South of the bridge over the Middle Oconee River to 750' North of the bridge  
**Project Description** Galilee Church Road Bridge Replacement at Middle Oconee River in Jackson Co

**Fee Simple**

<b>Small Rural Residential</b>				
	0 sf	@ \$	0 57 /sf = \$	0
<b>Lg Rural Res / Agricultural</b>				
	0 sf	@ \$	0 34 /sf = \$	0
				\$ 0

**Permanent Construction Easement**

<b>Small Rural Residential</b>				
	12,816 sf	@ \$	0 29 /sf = \$	3,717
<b>Lg Rural Res / Agricultural</b>				
	11,919 sf	@ \$	0 17 /sf = \$	2,026
<b>TOTAL</b>				<b>\$ 5,743</b>

**Improvements**

0 Residential		=	\$	0
0 Commercial		=	\$	0
<b>TOTAL</b>				<b>\$ 0</b>

**Relocation**

0 Residential		=	\$	0
0 Commercial		=	\$	0
<b>TOTAL</b>				<b>\$ 0</b>

**Damages**

Proximity -	0 Parcels		\$	0
Consequential -	0 Parcels		\$	0
Cost to Cure -	0 Parcels		\$	0
<b>TOTAL</b>				<b>\$ 0</b>

**SUB-TOTAL** **\$ 5,743**

<b>Net Cost</b>			\$	5,743
<b>Scheduling Contingency</b>	55%		\$	3,159
<b>Adm/Court Cost</b>	60%		\$	5,341
				\$ 14,243

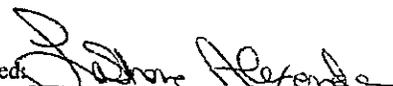
## Total Cost

# \$ 15,000

Prepared By

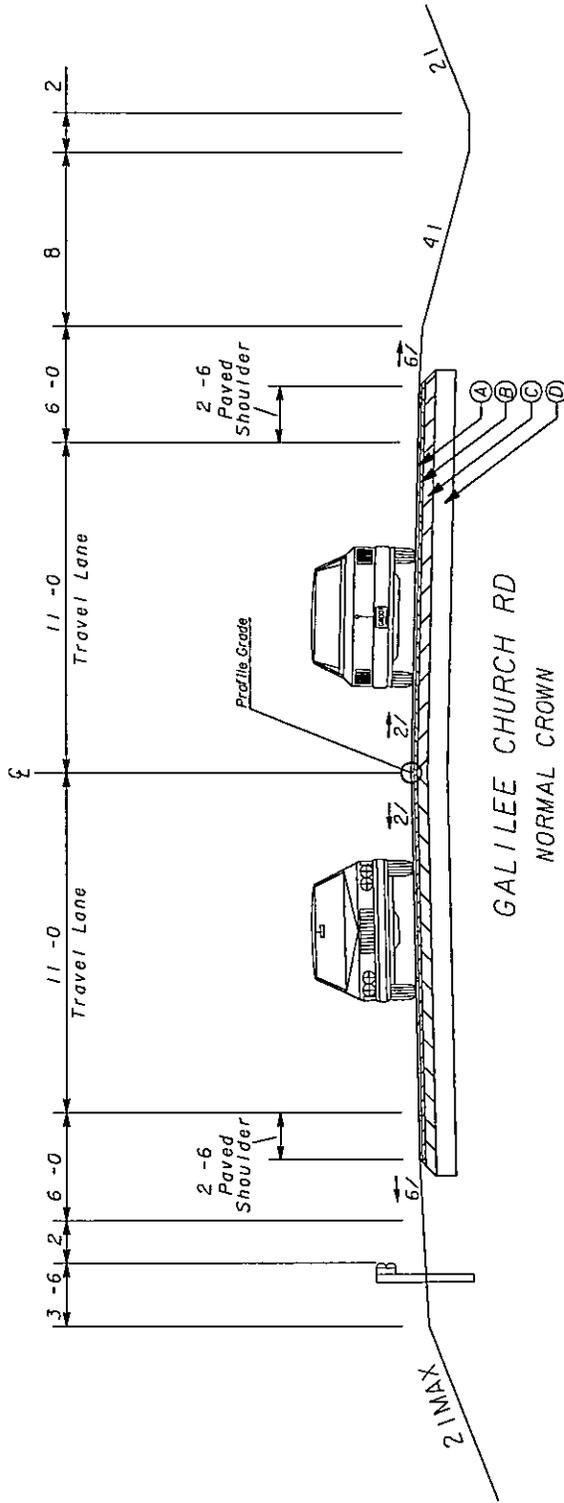
  
John G. Simshauser, Cert No 2772  
 Moreland Altobelli Associates, Inc

Reviewed / Approved

  
Howard P. Copeland  
 R/W Administrator

Note Accuracy of estimate is the sole responsibility of the Preparer  
 Note The Market Appreciation (40%) is not included in this Preliminary Cost Estimate

STATE	PROJECT NUMBER	SHEET	TOTAL SHEETS
GA		1	1

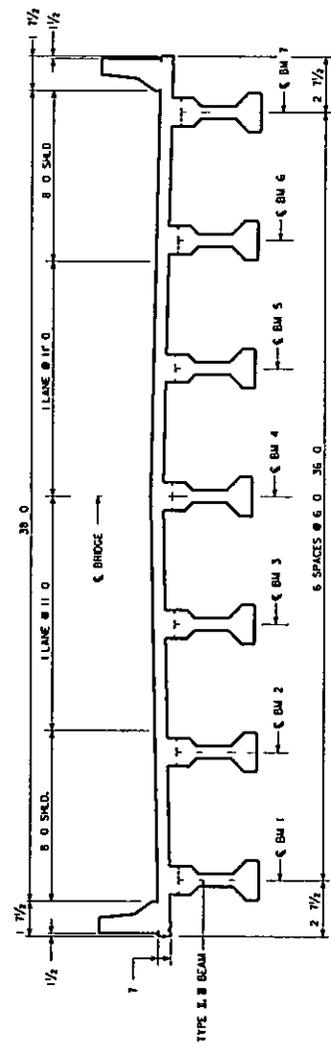


To be widened if guardrail is necessary

DATE	REVISIONS		GALILEE CHURCH RD TYPICAL SECTION	DRAWING NO 5-01

\\Concept\Typical Section.dgn 6/17/2009 10:07:24 AM

DATE USDN	11/24/09	DATE HAP/ETABLE	1/24/09	PROJECT NUMBER CRBG 008 001396	SHEET NO.	TOTAL SHEETS
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TYPICAL SECTION

BRIDGE NO. 1

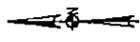
 <b>Morland Altschell Associates Inc</b> 2214 Peachtree Road, Suite 300 Atlanta, GA 30309 T 404.263.5545	DESIGNED	HND
	DRAWN	DAW
CHECKED	ENC	ENC
EODT/USION	SKB	SKB
REVIEWED	APPROVED	PXL
SCALE	1/10	1/10
FEBRUARY 2008		

**GEORGIA DEPARTMENT OF TRANSPORTATION**  
 RECONSTRUCTION DIVISION OFFICE OF BRIDGE AND STRUCTURAL DESIGN  
 CONCEPT SECTION  
 CR 146 (GALILEE CHURCH ROAD) OVER MIDDLE OCONEE RIVER  
 CRBG 0008 001396  
 JACKSON COUNTY

BRIDGE SHEET  
 2 of 2  
 DRAWING NO.  
**35-002**

IPreliminary\07610br\01021s.dgn 6/22/2009 3:42:04 PM

STATE PROJECT NUMBER  
 CA. 100-100-100-100



830  
 ← GALILEE CHURCH ROAD →  
 965 →  
 YEAR 2007 ADT = 1795 vpd

880  
 ← GALILEE CHURCH ROAD →  
 1025 →  
 YEAR 2013 ADT = 1905 vpd

1760  
 ← GALILEE CHURCH ROAD →  
 2050 →  
 YEAR 2033 ADT = 3810 vpd

TRUCK PERCENTAGES  
 24-HR TRUCKS = 24%  
 SU = 19%  
 COMB = 5%

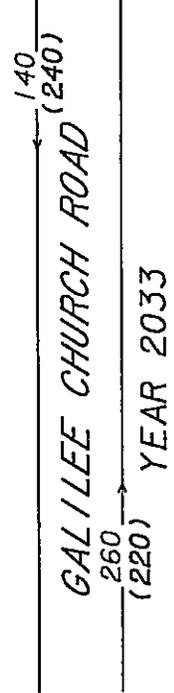
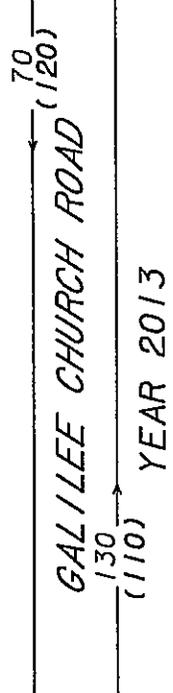
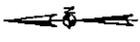
DATE	REVISIONS

**MA**  
 Margaret A. Isbell  
 2217 85th St  
 95714  
 916-287-5845

GALILEE CHURCH ROAD  
 2007/2013/2033 AVERAGE DAILY TRAFFIC  
 TRAFFIC FLOW DIAGRAM

DRAWING NO.  
 10-01

STATE	PROJECT NUMBER	SCALE
GA		



TRUCK PERCENTAGES  
 PEAK-HR TRUCKS = 25%  
 SU = 23.5%  
 COMB = 1.5%

00 AM PEAK HOUR  
 (00) PM PEAK HOUR

DATE	REVISIONS		GALILEE CHURCH ROAD	DRAWING NO.
			2007/2013/2033 PEAK HOUR TRAFFIC	10-02
			TRAFFIC FLOW DIAGRAM	

### Accident Summary

Summary of Collision Type on Galilee Church Road/CR 146					
Roadway	Angle	Rear-end	Head-on	Sideswipe	Other
2004	0	0	0	0	0
2005	0	0	0	0	1
2006	0	0	0	0	4

The GDOT Office of Traffic Operations and the Georgia Department of Public Safety, Accident Reporting Unit, furnished the information shown above. The total numbers of accidents from 2004 through 2006 were 5. Of the five accidents three were collisions with a deer. All of these accidents occurred away from the bridge.

There is a 55 mph speed limit sign posted near the intersection of US 129 with Galilee Church Road. The curve near West H Hayes Road has a 35 mph speed advisory sign. There are no "deer crossing" signs along this section of the road although there have been several recent collisions with deer crossing this road.

### Traffic Volume

Roadway	ADT	YEAR
Galilee Church Road (CR 146)	1795	2007

# GEORGIA DEPARTMENT OF TRANSPORTATION

## Bridge Inspection Report

District	1	Inspection Date	7/25/2006	Inspection Area	01
Bridge Inspector	Brad Camp	Over	MIDDLE OCONEE RIVER	Bridge Status	06
Location ID	157-00143X-002 97N	County	Jackson		
Structure ID	157-5022-0	Road Name	GALILEE CHURCH RD		

### EVALUATION & DEFICIENCIES

**SubStructure** **Year Painted** 1961

2 concrete abutments and bents 2,3,4 concrete cap 24"(D)x30"(W) (estimated) with 2 - 24x24 concrete columns Bents 3,4 have web walls  
Bents 5 6 7 have concrete cap 24"(D)x30"(W) with 4 - HP 12 X 53 piles each H-15 Design  
Bent #2 = H-6 Calculated 2002 by WSS (Load Factor)

There is minor hairline cracking at both abutments

Bent 3 is in channel and columns have moderate abrasion

There is some minor cracking and lots of old previous repairs at the step downs especially at step down, throughout the structure ok

Drive report 2006- reports heavy scaling column 1 bent 3 spall

There is a wash at bent 2 exposing vertical face of spread footing 1 5', monitor as it is down to rock

The timber piles in the channel are aiding in scour of bent 5

The steel piles should be cleaned and painted paint is peeling and flaking leaving corrosion especially at the cap line and the ground line

The pile lengths at bent 5 are 10' in 1998 and 11 3' at pile 2 in 2000 2004 pile 2 11 4' If scour continues will have to add bracing

Repair large spall with rebar exposed column 1 bent 3

Clean and paint piles

Monitor pile lengths and consider X-bracing at bent 5

### SuperStructure

**Year Painted** 1961

7 simple spans Span 3 is 4 - W36X135 beams (estimated) Other spans are concrete T-beams of 23"(D)x18-1/4" (W) on 6 5' centers

There are 90\* concrete diaphragms H-15 Design

Span #4 = H-17 Calculated 2002 by WSS (Load Factor)

There is hairline shear cracking starting at beam ends in the long skewed corners, some diagonally into fillet and into deck beams 2,3 at abutment 1 spans 2,3 6, abutment 8

There is deflection cracking typical -moderate in some areas every 6-8' in spans 1, 2 and 7

The steel beams have lead paint, aluminum, with corrosion at the beam ends and bearings

The old paint system is fading but overall good coverage

Clean and paint steel beams ends and bearings

### Deck

6-1/2" concrete deck H-15 design

H-23 Calculated 2002 by WSS (Load Factor)

There is moderate scaling typical with areas of heavier scaling

The previous spall at span 3 has been some what filled in with asphalt and is not holding well see photo

There is 1/6" open cracking 90\* to joint, transverse and 'd' along the joint, throughout several which should be sealed

There is minor deck unit misalignment seen in the bents of approximately 11/16" at bent 4 left and 1/2" at bent 6 right 2002,2006 and 1/8" and 3/4" open deck in 2004 2006

There is a spalling span 7 see photo and at abutment 8

Repair the spalling at span 3 with proper material

Seal transverse cracking scattered throughout

Asphalt fill roadway spall at deck forward end

# GEORGIA DEPARTMENT OF TRANSPORTATION

## Bridge Inspection Report

**District** 1  
**Bridge Inspector** Brad Camp  
**Location ID** 157-00143X-002 97N  
**Structure ID** 157-5022 0

**Inspection Date** 7/25/2006  
**Over** MIDDLE OCONEE RIVER  
**County** Jackson  
**Road Name** GALILEE CHURCH RD

**Inspection Area** 01  
**Bridge Status** 06

### EVALUATION & DEFICIENCIES

**General**

CALCULATIONS FOR THIS STRUCTURE WERE DETERMINED BY THE CENTRAL OFFICE - September 2002

This structure requires posting due to insufficient flexural and shear strength of the concrete cap at Bent #2 and of the cantilevered portion of the concrete caps at Bents #3 and #4 An upgrade of the load carrying capacity would require post tensioning of the bent caps  
 1961 concrete and steel beam bridge with 3 steel piles bents This is on the dive and snooper list

The snooper was used 8/4/2003 under contract PEBRO-NBIS-0003(1)

Sandblast and repaint all steel beams and bearings

Reseal deck joints Monitor hairline cracking in deck soffit

Repair spall in column

03/28/2006 RMO Concrete has heavy to severe scale/abrasion from 11' below the cap down Bent 3, column 1 has a large spall 4' above the ground line on the front left corner with rebar exposed The rebar is rusted but there appears to be no section loss The spall is 2' high and 8" deep and appears to be impact damage This needs to be repaired There is some honeycombing on bent 4 column 1 4' above the water line The columns at bent 4 are in slight washouts

Repair the spalling at span 3 with proper material

Seal transverse cracking scattered throughout

Asphalt fill roadway spall at deck forward end

Clean and paint steel beams ends and bearings

Repair large spall with rebar exp column 1 bent 3

Clean and paint piles

Monitor pile lengths and consider X-bracing at bent 5

JIM- PLEASE MEASURE BEAMS IN SPANS 3 AND CAP SIZE AT BENTS 3 4 FOR THE FILE

Condition Rating			Temp Shored No						
Component	Material	Rating	Truck Type	Gross/H Mod	HMod	Tand	3 S 2	Log	Piggy
Substructure	Concrete,Steel	5	Calculated Posting	06	00	00	00	00	00
Superstructure	Concrete Steel	5	Posting Required	Yes	No	No	No	No	No
Deck	Concrete	5	Existing Posting	06	00	00	00	00	00

\*\*\*School Bus Route \*\*\*\*

**Structure Requires Posting**

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID 157-5022.0      Jackson      SUFF RATING 20 11

## Location & Geography

* Structure ID No	157-5022-0	* 104 Highway System	0
* 200 Bridge Information	06	* 26 Functional Classification	08
* 6A Feature Int	MIDDLE OCONEE RIVER	* 204 Federal Route Type	0 No 00000
* 6B Critical Bridge	0	* 105 Federal Lands Highway	0
* 7A Route Number Carried	CR00143	* 110 Truck Route	0
* 7B Facility Carried	GALLILEE CHURCH RD	* 206 School Bus Route	1
* 9 Location	3 7 MI SW OF JEFFERSON	* 217 Benchmark Elevation	0000 00
2 DOT District	1	* 218 Datum	0
207 Year Photo	2006	* 19 Bypass Length	07
* 91 Inspection Frequency	24 Date 07/25/2006	* 20 Toll	3
92A Fract Crit Insp Freq	00 Date 02/01/1901	* 21 Maintenance	02
92B Underwater Insp Freq	60 Date 03/28/2006	* 22 Owner	02
92C Other Spc Insp Freq	00 Date 02/01/1901	* 31 Design Load	2
* 4 Place Code	00000	* 37 Historical Significance	5
* 5 Inventory Route (O/U)	1	* 205 Congressional District	09
Type	4	27 Year Constructed	1961
Designation	1	106 Year Reconstructed	0000
Number	00143	33 Bridge Median	0
Direction	0	34 Skew	40
* 16 Latitude	34-04 7300	35 Structure Flared	0
* 17 Longitude	83-36 3420	38 Navigation Control	0
98 Border Bridge	000	213 Special Steel Design	0
99 ID Number	0000000000000000	267 Type of Paint	1
* 100 STRAHNET	0	42 Type of Service on	1
12 Base Highway Network	1	214 Movable Bridge	5
13A LRS Inventory Route	1572014300	203 Type Bridge	0
13B Sub Inventory Route	0	259 Pile Encasement	0
* 101 Parallel Structure	N	43 Structure Type Main	3 02
* 102 Direction of Traffic	2	45 No Spans Main	001
* 264 Road Inventory Mile Post	002 97	44 Structure Type Appr	1 04
* 208 Inspection Area	01 Initials JBC	46 No Spans Appr	0006
Engineer's Initial	sgm	226 Bridge Curve Horz	0
* Location ID No	157-00143X-002 97N	111 Pier Protection	0
		107 Deck Structure Type	1
		108 Wearing Surface Type	1
			0
			8

## Signs & Attachments

225	Expansion Joint Type	02
242	Deck Drains	1
243	Parapet Location	0
	Height	0 00
	Width	0 00
238	Curb	1 20 1
239	Handrail	1 1
* 240	Median Barrier Rail	0
241	Bridge Median Height	0 00
	Width	0 00
* 230	Guardrail Loc Dir	0
	Rear	0
	Fwr	0
	Oppo Dir	0
	Fwr	0
244	Approach Slab	0
224	Retaining Wall	0
233	Posted Speed Limit	55
236	Warning Sign	0
234	Delmeator	0
235	Hazard Boards	1
237	Utilities Gas	00
	W	31
	Ele	00
	Telephone	32
	St	00
247	Lighting Street	0
	Navigation	0
	Aerial	0
* 248	County Continuity No	00

**BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION**

Structure ID 157-5022-0      Jackson      SUFF RATING 20 11

**Programming Data**

201 Project No PR 1413-B (3)  
 202 Plans Available 4  
 249 Prop Proj No BRG-0008-00(396)  
 250 Approval Status 0000  
 251 PI No 0008396  
 252 Contract Date 02/01/1901  
 260 Seismic No 00000  
 75 Type Work 00 0  
 94 Bridge Imp Cost \$0  
 95 Roadway Imp Cost \$0  
 96 Total Imp Cost \$0  
 76 Imp Length 000000  
 97 Imp Year 0000  
 114 Future ADT 001455 Year 2021

**Measurements**

\* 29 ADT 000970 Year 2001  
 109 % Trucks 7  
 \* 28 Lanes On 02 Under 00  
 210 No Tracks On 00 Under 00  
 \* 48 Max Span Length 264  
 \* 49 Structure Length 23 90  
 51 Br Rwdy Width 30 00  
 52 Deck Width 23 90  
 \* 47 Tot Horz Cl 2 00/2 00  
 50 Curb/Sdewlk Width 020  
 32 Approach Rdwy Width 6 00 Type 8 Rt 6 30  
 \* 229 Shoulder Width 4 70 Type 8 Rt 5 40

**Ratings**

65 Inventory Rating Method 1  
 63 Inventory Rating Method 1  
 66 Inventory Type 2 Rating 07  
 64 Operating Type 2 Rating 12  
 231 Calculated Loads  
     H-Modified 06 1  
     HS-Modified 00 0  
     Type 3 00 0  
     Type 3s2 00 0  
     Timber 00 0  
     Piggyback 00 0  
 261 H Inventory Rating 06  
 262 H Operating Rating 10  
 67 Structural Evaluation 2  
 58 Deck Condition 5  
 59 Superstructure Condition 5  
 \* 227 Collision Damage 0  
 60A Substructure Condition 5  
 60B Scour Condition 6  
 60C Underwater Condition 6  
 71 Waterway Adequacy 8  
 61 Channel Protection Cond 6  
 68 Deck Geometry 4  
 69 UnderClr Horz/Vert N  
 72 Appr Alignment 6  
 62 Culvert N

**Hydraulic Data**

215 Waterway Data  
 Highwater Elev 0000 0 Year 1900  
 Avg Streambed Elev 0000 0 Freq 00  
 Drainage Area 00000  
 Area Of Opening 000000  
 113 Scour Critical U  
 216 Water Depth 4 Br Height 23 3  
 222 Slope Protection 1  
 221 Spur Dikes Rear 0 Fwd 0  
 219 Fender System 0  
 220 Dolphun 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 ID No 157-00143X-002 97N

**Posting Data**

70 Bridge Posting Required 0  
 41 Struct Open, Posted, Cl P  
 \* 103 Temporary Structure 0  
 232 Posted Loads H-Modified 06  
     HS-Modified 00  
     Type 3 00  
     Type3s2 00  
     Timber 00  
     Piggyback 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date 02/01/1901

**Minutes of Final Concept meeting for  
Galilee Church Road Bridge Replacement  
Project Numbers CSBRG-0008-00 (396)  
County Jackson County  
P I Number 0008396**

The final concept team meeting was held at the Georgia Department of Transportation District 1 - Gainesville Office on January 24, 2008 at 1 30 p m Attendees included

<u>Name</u>	<u>Company</u>	<u>Phone</u>	<u>Email</u>
Robert Mahoney	GDOT-Dist 1 PreConst	770-532-5520	<a href="mailto:rmahoney@dot.ga.gov">rmahoney@dot.ga.gov</a>
Kim Coley	GDOT-Dist 1 Environ	770-532-5582	<a href="mailto:kcoley@dot.ga.gov">kcoley@dot.ga.gov</a>
Kim Byers	GDOT-RW	770-718-5015	<a href="mailto:kbyers@dot.ga.gov">kbyers@dot.ga.gov</a>
Nathaniel O'Kelley	GDOT-Utilities	770-718-5034	<a href="mailto:nokelley@dot.ga.gov">nokelley@dot.ga.gov</a>
Russell Maddox	GDOT-Area 6	706-340-7539	<a href="mailto:rmaddox@dot.ga.gov">rmaddox@dot.ga.gov</a>
Michael Johnson	GDOT-Traffic Operations	770-718-5040	<a href="mailto:mjohnson@dot.ga.gov">mjohnson@dot.ga.gov</a>
Michael Horton	GDOT-Area 6	706-369-5627	<a href="mailto:mhorton@dot.ga.gov">mhorton@dot.ga.gov</a>
Larry Guthrie	Jackson County	706-367-5298	<a href="mailto:lguthrie@jacksoncountygov.com">lguthrie@jacksoncountygov.com</a>
Don Clerici	Jackson County	706-387-6415	<a href="mailto:dclerici@jacksoncountygov.com">dclerici@jacksoncountygov.com</a>
George Byrd	MAAI	770-263-5945	<a href="mailto:gbyrd@maai.net">gbyrd@maai.net</a>
Russell McMurry	GDOT-Dist1 Engineer	770-532-5526	<a href="mailto:rmcmurry@dot.ga.gov">rmcmurry@dot.ga.gov</a>
Karla Poshedly	MAAI	770-263-5945	<a href="mailto:kposhedly@maai.net">kposhedly@maai.net</a>

Mr Robert Mahoney began the meeting by stating the project identification numbers and project description He stated that the GDOT has an agreement with Jackson County for 80-20% matching funds for right-of-way and utilities He said that construction is unfunded at this time

Mr Mahoney then asked everyone to introduce him or herself After introductions, Mr Mahoney then reviewed the concept report The following items were identified for revision in the concept report

- Page 1 – Change the report from “Office of Road and Airport Design” to “District 1 Office”
- Page 1 – Change signature line for the “State Road and Airport Design Engineer” to “District Engineer Eliminate the District Engineer signature line at the bottom of Page 1
- Page 2 – Replace the map with a county road map The map needs more clarity
- Page 3 – State in the Need and Purpose that the bridge structure needs to be replaced because the substructure cannot be rehabilitated Note that Galilee Church Road is on a bike route according to GDOT planning
- Page 3 – Delete the “Other projects in the area”
- Page 3 – Delete the last sentence of the paragraph labeled Description of the proposed project
- Page 3 – Change the PDP Classification to Minor
- Page 4 – Note the existing right-of-way width – 80 feet
- Page 4 – Note that the proposed bridge would have 10-foot shoulders
- Page 4 – Change the proposed minimum radius for curve from tangent to the actual radius
- Page 5 – Delete the last sentence of the Bridge description
- Page 5 – Replace “PCB” with “Prestressed Concrete ”
- Page 5 – Note that a detour map is attached

- Page 5 – Delete the last sentence of the second paragraph under Environmental concerns
- Page 6 – Add Jackson County Water under the list of utilities
- Page 6 – Under the Project responsibilities, place “Construction Contractor” after “if required”
- Page 6 – Change the responsibility of providing detours from Georgia DOT to Jackson County
- Page 6 – Under the Coordination section note that there will be a Public Information Open House for the detour Also not that a value engineering study will not be required for this project
- Page 6 – Change the Time to complete the environmental process from 5 months to 9 months
- Page 6 – Change the time to purchase right-of-way from 6 months to 9 months
- Page 7 – Add a note under the no-build alternate that the bridge will require replacement because an upgrade is not possible
- Page 7 – Add the kick-off meeting minutes to the listing of attachments
- Page 7 - Change the item under attachments from “PMA” to “PFA ”
- Attachments – Cost Estimate – Pavement unit prices are too low Change pay item 516-1100 from an aluminum handrail to a concrete bridge rail Add cost of reimbursable utilities Add cost of retaining walls or guardrail
- Attachments – Typical section of road – show ditch section and guardrail
- Attachments – Typical section of bridge – label 4-foot bike lane and label shoulder as 6-foot shoulder
- Attachments – Notice of Location and Design Approval – Change Brandon Kirby to Johnny Emmett Change Robert W Mahoney to Russell McMurry
- Attachments – Conceptual plan – Label Stream name

Other items that were discussed at the meeting were as follows

Ms Karla Poshedly said that because there is a potentially eligible historic Mill and farm in the southeast quadrant of the bridge, the roadway might need to be relocated so as not to impact the trees that are inside a fence bordering the farm The fence and trees are located inside of the existing 80-foot right-of-way of Galilee Church Road

Mr Nathaniel O’Kelley asked that MA send the plans to the district utilities office and that GDOT would distribute the plans to all of the utility companies

Mr Robert Mahoney said that it is very important that an accurate cost estimate be provided in the final concept report

**AGREEMENT  
BETWEEN  
DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
AND  
JACKSON COUNTY  
FOR**

**CR 146/ GALILEE CHURCH ROAD @ MIDDLE OCONEE RIVER**

This Framework Agreement is made and entered into this 2nd day of April, 2009, by and between the DEPARTMENT OF TRANSPORTATION, an agency of the State of Georgia, hereinafter called the "DEPARTMENT", and the Jackson County, acting by and through its Mayor and City Council or Board of Commissioners, hereinafter called the "LOCAL GOVERNMENT"

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

WHEREAS, the LOCAL GOVERNMENT has represented to the DEPARTMENT a desire to participate in certain activities including the funding of

certain portions of the PROJECT 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, and

WHEREAS, the Constitution authorizes intergovernmental agreements whereby state and local entities may contract with one another "for joint services, for the provision of services, or for the joint or separate use of facilities or equipment, but such contracts must deal with activities, services or facilities which the parties are authorized by law to undertake or provide" Ga Constitution Article IX, §III, ¶(a)

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

1 The LOCAL GOVERNMENT shall contribute to the PROJECT by funding all or certain portions of the PROJECT costs for the preconstruction engineering (design), all reimburseable utility relocation costs, right of way acquisitions and construction, as specified in Attachment A, attached hereto and incorporated herein by reference Expenditures incurred by the LOCAL GOVERNMENT and eligible for reimbursement by the DEPARTMENT shall not be considered reimbursible to the

LOCAL GOVERNMENT until the LOCAL GOVERNMENT receives a written notice to proceed for each phase of the PROJECT

2 The DEPARTMENT shall contribute to the PROJECT by funding all or certain portions of the PROJECT costs for the preconstruction engineering (design) activities, right of way acquisitions or construction as specified in Attachment A

3 It is understood and agreed by the DEPARTMENT and the LOCAL GOVERNMENT that the funding portion as identified in Attachment "A" of this Agreement only applies to the Preconstruction Engineering Activities The Right of Way and Construction funding estimate levels as specified in Attachment A are provided herein for planning purposes and does not constitute a funding commitment for right of way and construction activities The DEPARTMENT will prepare LOCAL GOVERNMENT Specific Activity Agreements for applicable Right of Way and Construction when appropriate

Further, the LOCAL GOVERNMENT shall be responsible for repayment of any expended federal funds, if the PROJECT does not proceed forward to completion due to a lack of available funding in future Project phases

4 The LOCAL GOVERNMENT shall be responsible for all costs for the continual maintenance of the project 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

5 Both the LOCAL GOVERNMENT and the DEPARTMENT hereby acknowledge that Time is of the Essence. It is agreed that both parties shall adhere to the schedule of activities currently established in the approved Transportation Improvement Program/State Transportation Improvement Program (TIP/STIP). Furthermore, all parties shall adhere to the detailed project schedule as approved by the DEPARTMENT, attached as Attachment B and incorporated herein by reference. In the completion of respective commitments contained herein, if a change in the schedule is needed, the LOCAL GOVERNMENT shall notify the DEPARTMENT in writing of the proposed schedule change and the DEPARTMENT shall acknowledge the change through written response letter, provided that the DEPARTMENT shall have final authority for approving any change.

If, for any reason, the LOCAL GOVERNMENT does not produce acceptable deliverables in accordance with the approved schedule, the DEPARTMENT reserves the right to delay the project's implementation until funds can be re-identified for construction or right of way, as applicable.

6 The LOCAL GOVERNMENT shall certify that they have read and understands the regulations for "CERTIFICATION OF COMPLIANCES WITH FEDERAL PROCUREMENT REQUIREMENTS, STATE AUDIT REQUIREMENTS, AND FEDERAL AUDIT REQUIREMENTS" and will comply in full with said provisions.

7 The LOCAL GOVERNMENT shall accomplish all of the design activities for the PROJECT. The design activities shall be accomplished in accordance with the

DEPARTMENT's Plan Development Process, the applicable guidelines of the American Association of State Highway and Transportation Officials, hereinafter referred to as "AASHTO", the DEPARTMENT's Standard Specifications Construction of Transportation Systems, the DEPARTMENT's Plan Presentation Guide, PROJECT schedules, and applicable guidelines of the DEPARTMENT The LOCAL GOVERNMENT responsibility for design shall include, but is not limited to the following items

a Prepare the PROJECT concept report in accordance with the format used by the DEPARTMENT The concept for the PROJECT shall be developed to accommodate the future traffic volumes as generated by the LOCAL GOVERNMENT as provided for in paragraph 7b and approved by the DEPARTMENT The concept report shall be approved by the DEPARTMENT prior to the LOCAL GOVERNMENT beginning further development of the PROJECT plans It is recognized by the parties that the approved concept may be modified by the LOCAL GOVERNMENT as required by the DEPARTMENT and re-approved by the DEPARTMENT during the course of design due to public input, environmental requirements, or right of way considerations

b Develop the PROJECT base year (year facility is expected to be open to traffic) and design year (base year plus 20 years) traffic volumes This shall include average daily traffic (ADT) and morning (am) and evening (pm) peak hour volumes The traffic shall show all through and turning movement volumes at intersections for the ADT and peak hour volumes and shall indicate the percentage of trucks expected on the facility

c Validate (check and update) the approved PROJECT concept and prepare a PROJECT Design Book for approval by the DEPARTMENT prior to the beginning of preliminary plans

d Prepare environmental studies, documentation, and reports for the PROJECT that show the PROJECT is in compliance with the provisions of the National Environmental Protection Act and Georgia Environmental Protection Act, as appropriate to the PROJECT funding This shall include any and all archaeological, historical, ecological, air, noise, underground storage tanks (UST), and hazardous waste site studies required as well as any environmental reevaluations required The LOCAL GOVERNMENT shall submit to the DEPARTMENT all environmental documents and reports for review and approval by the DEPARTMENT and the FHWA

e Prepare all public hearing and public information displays and conduct all required public hearings and public information meetings in accordance with DEPARTMENT practice

f Perform all surveys, mapping, soil investigation studies and pavement evaluations needed for design of the PROJECT

g Perform all work required to obtain project permits, including, but not limited to, US Army Corps of Engineers 404 and Federal Emergency Management Agency (FEMA) approvals These efforts shall be coordinated with the DEPARTMENT As part of the design an environmental assessment will be conducted, which may or may not result in environmental impacts of the surrounding area If it is determined that there will be impacts that will

require mitigation, then it will be the responsibility of the LOCAL GOVERNMENT to resolve the matter

h Prepare the PROJECT drainage design including erosion control plans and the development of the hydraulic studies for the Federal Emergency Management Agency Floodways and acquisition of all necessary permits associated with the drainage design

i Prepare traffic studies, preliminary construction plans including a cost estimate for the Preliminary Field Plan Review, preliminary and final utility plans, preliminary and final right of way plans, staking of the required right of way, and final construction plans including a cost estimate for the Final Field Plan Review, erosion control plans, lighting plans, traffic handling plans, and construction sequence plans and specifications including special provisions for the PROJECT

j Provide certification, by a Georgia Registered Professional Engineer, that the construction plans have been prepared under the guidance of the professional engineer and are in accordance with AASHTO and DEPARTMENT guidelines

k Failure of the LOCAL GOVERNMENT to follow the DEPARTMENT's Plan Development Process will jeopardize the use of Federal funds in some or all of the categories outlined in this Agreement, and it shall be the responsibility of the LOCAL GOVERNMENT to make up the loss of that funding

8 All Primary Consultant firms hired by the LOCAL GOVERNMENT to provide services on the PROJECT shall be prequalified with the DEPARTMENT in the appropriate area-classes. The DEPARTMENT shall, on request, furnish the LOCAL GOVERNMENT with a list of prequalified consultant firms in the appropriate area-classes. Any Consultant hired by the Local Government to perform work on the Project must be compliant to applicable state and federal regulations relating to the procurement of design services in accordance with the Brooks Architect-Engineers Act of 1972, better known as the Brooks Act.

9 The PROJECT construction and right of way plans shall be prepared in English units.

10 All drafting and design work performed on the project shall be done utilizing the DEPARTMENT's latest approved software respectively, and shall be organized as per the Department's guidelines on electronic file management.

11 The DEPARTMENT shall review and has approval authority for all aspects of the PROJECT provided however this review and approval does not relieve the LOCAL GOVERNMENT of its responsibilities under the terms of this agreement. The DEPARTMENT will work with the FHWA to obtain all needed approvals as deemed necessary with information furnished by the LOCAL GOVERNMENT.

12 The LOCAL GOVERNMENT shall be responsible for the design of all bridge(s) and preparation of any required hydraulic and hydrological studies within the limits of this PROJECT in accordance with the DEPARTMENT's policies and guidelines. The LOCAL GOVERNMENT shall perform all necessary survey efforts in order to complete the design of the bridge(s) and prepare any required hydraulic and hydrological studies. The final bridge plans shall be incorporated into this PROJECT as a part of this Agreement.

13 The LOCAL GOVERNMENT shall follow the DEPARTMENT's procedures for identification of existing and proposed utility facilities on the PROJECT. These procedures, in part, require all requests for existing, proposed, or relocated facilities to flow through the DEPARTMENT's Project Liaison and the District Utilities Engineer.

14 The LOCAL GOVERNMENT shall address all railroad concerns, comments, and requirements to the satisfaction of the DEPARTMENT.

15 If the right of way phase is 100% local funding with no Federal or State reimbursement, upon the DEPARTMENT's approval of the project right of way plans, verification that the approved environmental document is current, which shall mean that the approval of the environmental document occurred within six (6) months of the approval notice by the DEPARTMENT's for project right of way plans, and delivery of a written notice to proceed, the LOCAL GOVERNMENT may proceed with the acquisition of the necessary right of way for the PROJECT. If the

right of way phase involves federal and/or state funding reimbursement, upon the Department's approval of the project right of way plans, the Local Government may proceed with all pre-acquisition right of way activities, however, property negotiation and acquisition cannot commence until right of way funding authorization is approved. 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 and in accordance with the "Contract for the Acquisition of Right of Way" to be prepared by the Office of Right of Way and executed between the LOCAL GOVERNMENT and the DEPARTMENT prior to the commencement of any right of way activities. Failure of the LOCAL GOVERNMENT to adhere to the provisions and requirements specified in the acquisition contract may result in the loss of Federal funding for the PROJECT and it will be the responsibility of the LOCAL GOVERNMENT to make up the loss of that funding. In the event the LOCAL GOVERNMENT is to receive reimbursement of all or part of the acquisition funding, reimbursable right of way costs are to include land and improvement costs, property damage values, relocation assistance expenses and contracted property management costs. Non reimbursable costs include administrative expenses such as appraisal, consultant, attorney fees and any in-house property management or staff expenses. All required right of way shall be obtained and cleared of obstructions, including underground storage tanks, prior to advertising the PROJECT for bids. The LOCAL GOVERNMENT shall further be responsible for making all revisions to the approved right of way plans, as deemed necessary by the

DEPARTMENT, for whatever reason, as needed to purchase the required right of way

16 Upon completion and approval of the PROJECT plans, certification that all needed rights of way have been obtained and cleared of obstructions, and certification that all needed permits for the PROJECT have been obtained by the LOCAL GOVERNMENT the PROJECT shall be let for construction The DEPARTMENT, unless shown otherwise on Attachment A, shall be solely responsible for securing and awarding the construction contract for the PROJECT

17 The LOCAL GOVERNMENT shall review and make recommendations concerning all shop drawings prior to submission to the DEPARTMENT The DEPARTMENT shall have final authority concerning all shop drawings

18 The LOCAL GOVERNMENT agrees that all reports, plans, drawings, studies, specifications, estimates, maps, computations, computer diskettes and printouts, and any other data prepared under the terms of this Agreement shall become the property of the DEPARTMENT if required This data shall be organized, indexed, bound, and delivered to the DEPARTMENT no later than the advertisement of the PROJECT for letting The DEPARTMENT shall have the right to use this material without restriction or limitation and without compensation to the LOCAL GOVERNMENT

19 The LOCAL GOVERNMENT shall be responsible for the professional quality, technical accuracy, and the coordination of all designs, drawings, specifications, and other services furnished by or on behalf of the LOCAL GOVERNMENT pursuant to this Agreement. The LOCAL GOVERNMENT shall correct or revise, or cause to be corrected or revised, any errors or deficiencies in the designs, drawings, specifications, and other services furnished for this PROJECT. Failure by the LOCAL GOVERNMENT to address the errors or deficiencies within 30 days shall cause the LOCAL GOVERNMENT to assume all responsibility for construction delays caused by the errors and deficiencies. All revisions shall be coordinated with the DEPARTMENT prior to issuance. The LOCAL GOVERNMENT shall also be responsible for any claim, damage, loss or expense, to the extent allowed by law that is attributable to errors, omissions, or negligent acts related to the designs, drawings, specifications, and other services furnished by or on behalf of the LOCAL GOVERNMENT pursuant to this Agreement.

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 LOCAL GOVERNMENT have caused these presents to be executed under seal by their duly authorized representatives

RECOMMENDED

Jackson County

Quinn R McManis  
District Engineer

BY Pat Bell  
Pat Bell  
County Commission Chairman

for Dale M. [unclear]  
Director of Preconstruction

Dale M. [unclear]  
Chief Engineer

Signed, sealed and delivered this 2nd day of December, 2008 in the presence of

SIG

DEPARTMENT OF TRANSPORTATION

Sheila [unclear]  
Witness

BY Dale M. [unclear]  
Commissioner

Robyn D Ryan  
Notary Public  
ROBYN D RYAN  
Notary Public, Jackson County, Georgia  
My Commission Expires Dec 7 2009

ATTEST [Signature]  
Treasurer - Ast.

This Agreement approved on the 2nd day of April, 2008

[Signature]  
City/County Clerk (as appropriate)

REVIEWED AS TO LEGAL FORM

[Signature]  
Office of Legal Services

FEIN 58-6000845

**ATTACHMENT "A"**  
**Project Number: CSBRG-0008-00(396) – Jackson County**

Project (PI#, Project #/Description)	Work Type	Preliminary Engineering		Right of Way		Construction		Utilities Relocation Costs by
		Funding	Design	Funding of Real Property	Acquisition & Administrative Cost by	Funding	Letting by	
PI#008396 CSBRG-0008-00(396) CR 146/ Galilee Church Road @ Middle Oconee River	Bridge/Replacement L110	100% Design Jackson County	Jackson County	\$161,200 Plus 100% Overruns Jackson County	Jackson County	\$1,224,440 06 GDOT	GDOT	Jackson County

- Note**
- 1 Maximum allowable GDOT reimbursable amount may be shown above in lieu of percentages when applicable Local Government will only be reimbursed the percentage of the accrued invoiced amounts up to but not to exceed the maximum amount indicated
  - 2 Cash participation limits may be shown above in lieu of percentages when applicable
  - 3 Utility relocations costs are not reimbursable for LCI projects
  - 4 If actual costs for any or all of the funding categories exceed the amounts set forth in Attachment "A", the SPONSOR shall fund 100% of such excess costs

**ATTACHMENT "B"**

**ATTACHMENT "B"**  
**Project Number: CSBRG-0008-00(396) – Jackson County**

**Proposed Project Schedule**

Environmental Phase	[Redacted]					
	[Redacted]					
Concept Phase	[Redacted]					
	[Redacted]					
Preliminary Plan Phase	[Redacted]					
	[Redacted]					
Right of Way Phase	[Redacted]					
	[Redacted]					

<b>Deadlines for Responsible Parties</b>	<b>Execute Agreement</b>	<b>Jan/2009</b> (Approve Concept)	<b>Apr/2009</b> (Approve Env Document)	<b>Jul/2009</b> (Authorize Right of Way funds)	<b>Dec/2009</b> (Authorize Const funds)
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**Annual Reporting Requirements**

The Local Government shall provide a written status report to the Department's Project Manager with the actual phase completion date(s) and the percent complete/proposed completion date of incomplete phases. The written status report shall be received by the Department no later than the first day of February of every calendar year until all phases have been completed.

**Training Certification Requirement**

The Local Government shall provide a written certification that all appropriate staff (employees and consultants) involved in the Project have attended or are scheduled to attend the Department's Plan Development Process Training Course. The written certification shall be received by the Department no later than the first day of February of every calendar year until all phases have been completed.





**END PROJECT**

**BEGIN PROJECT**

N/F JIMMY JOHNSON

N/F JACKIE A. JOHNSON

N/F JIMMY JOHNSON

N/F GALILEE CHRISTIAN CHURCH, INC.

MIDDLE OCOONEE RIVER

EXISTING R/W GALILEE CHURCH ROAD

GALILEE CHURCH ROAD

WILKINS ROAD

- Legend**
- Proposed Roadway
  - Proposed Guardrail
  - Proposed Bridge
  - Environmentally Sensitive Area
  - Required Slope Easement
  - Required Diversion Easement
  - Existing Right of Way & Property Line

Galilee Church Road  
 over the Middle Oconee River  
 Concept Roadway Plan  
 Project # CSBRC-0008-00(396)  
 Jackson County

MA

0 50 100 Feet