

ORIGINAL TO GENERAL FILES

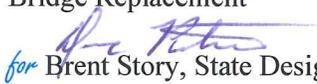
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**OFFICE OF DESIGN POLICY & SUPPORT  
INTERDEPARTMENTAL CORRESPONDENCE**

**FILE** P.I. #0007182  
Lanier County  
GDOT District 4 - Tifton  
SR 64 @ Five Mile Creek  
Bridge Replacement

**OFFICE** Design Policy & Support

**DATE** 8/5/2014

**FROM**  for Brent Story, State Design Policy Engineer

**TO** SEE DISTRIBUTION

**SUBJECT** APPROVED LOCATION & DESIGN REPORT

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

**DISTRIBUTION:**

Glenn Bowman, Director of Engineering  
Joe Carpenter, Director of P3/Program Delivery  
Genetha Rice-Singleton, Assistant Director of P3/Program Delivery  
Albert Shelby, State Program Delivery Engineer  
Bobby Hilliard, Program Control Administrator  
Cindy VanDyke, State Transportation Planning Administrator  
Hiral Patel, State Environmental Administrator  
Ben Rabun, State Bridge Engineer  
Kathy Zahul, State Traffic Engineer  
Angela Robinson, Financial Management Administrator  
Lisa Myers, State Project Review Engineer  
Andy Casey, State Roadway Design Engineer  
Attn: Sandy Griffin, District Design Engineer  
Jeff Fletcher, Location Bureau Chief  
Joe Sheffield, District Engineer  
Brent Thomas, District Preconstruction Engineer  
Shane Pridgen, District Planning & Programming Engineer  
Jerry Hughes, Area Engineer - D4, A1  
Tamaya Huff, Project Manager  
BOARD MEMBER - 8th Congressional District

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTERDEPARTMENT CORRESPONDENCE**

**FILE** CSBRG-000-00(182), Lanier County                      **OFFICE** Program Delivery  
P.I. No. 0007182  
SR 64 at Five Mile Creek 5.0 MI Northwest              **DATE** 7/21/2014  
of Lakeland

**FROM** Albert V. Shelby III, State Program Delivery Engineer 

**TO** Brent Story, P.E., State Design Policy Engineer  
Attn: Dave Peters, State Conceptual Design Group Manager

**SUBJECT** Request for Location and Design Approval

**Description and Project Proposal**

This project is the replacement of the existing bridge on SR 64 at Five Mile Creek approximately 5.0 miles north of Lakeland, Georgia. The current Bridge Sufficiency Rating is 61.89 and will be replaced with a wider bridge that meets current GDOT Guidelines. The proposed project will consist of two 11 ft. travel lanes, 8 ft. shoulders with 4 ft. paved and open ditches. Traffic will be maintained with an Off-site Detour. This project is located in the 10th Land District, [REDACTED] and GMD 1300. The proposed project will be approximately 0.14 miles in length.

**Concept Approval Date:**

September 9, 2013

**Concept Update**

No changes have been made to the project concept report since it was approved.

**Environmental Document Type & Approval Date:** Categorical Exclusion (PCE) & July 15, 2014

**Public Involvement:**

Detour Information Open House Results summary:

- Date & Location of Meeting: September 24, 2013
- Lanier County (EMS) & Lanier County school board were contacted for concurrence with detour. There were no issues expressed with the proposed detour.
- A detour meeting was held on September 24, 2013. There were three meeting attendees, all of which were in support of the project. One comment card was received.

There were no project changes as a result of the detour information meeting.

**Consistency with Approved Planning:**

The design as presented herein and submitted for approval is consistent with the approved concept report.

**Temporary State Route Needed:** No.

**Recommenations:** It is recommended that the location and design for the subject project be approved and that the attached notice be approved for advertising

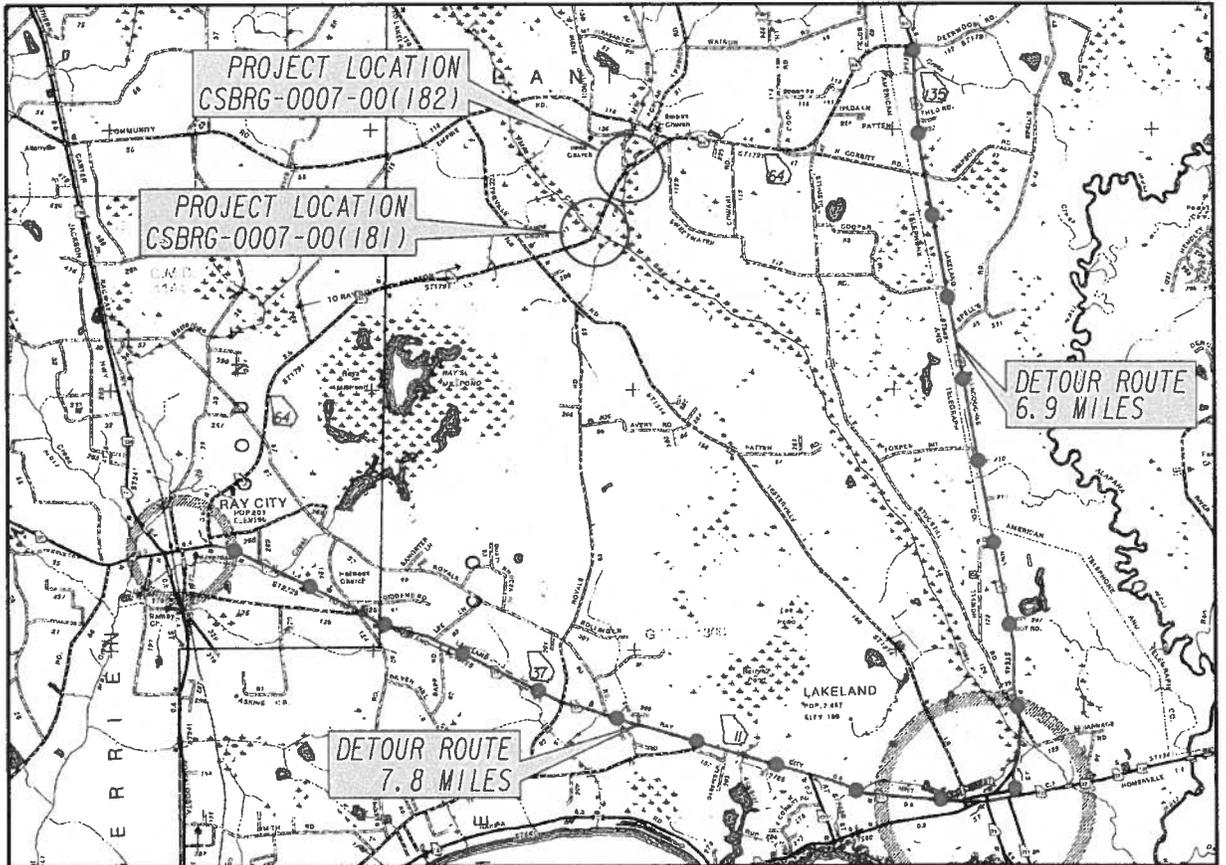
RECOMMEND:  7/31/14  
Director of Engineering Date

APPROVE:  8/1/14  
Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: August 5, 2014  
(to be entered by State Conceptual Design Engineer)

ATTACHMENTS:

- Sketch Map
- Construction Cost Estimate
- Utilities & ROW Cost Estimates
- Notice of Location and Design Approval



**CSBRG-0007-00(181) & CSBRG-0007-00(182) LANIER COUNTY**

BRIDGE REPLACEMENTS FOR SR 64 @ TEN MILE CREEK 6.5 MI NORTHWEST OF LAKELAND  
 &  
 SR 64 @ FIVE MILE CREEK 5 MI NORTH OF LAKELAND

**DETOUR LOCATION MAP**  
**LENGTH OF DETOUR - APPROXIMATELY 14.7 MILES**

# DETAILED COST ESTIMATE



Job: 0007182

JOB NUMBER 0007182

FED/STATE PROJECT NUMBER

SPEC YEAR: 01

DESCRIPTION: SR 64 @ FIVE MILE CREEK 5 MI NORTH OF LAKELAND

## ITEMS FOR JOB 0007182

### 0010 - ROADWAY

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$15,000.00000	TRAFFIC CONTROL - CSBRG-0007-00(182)	\$15,000.00
0010	210-0100	1.000	LS	\$208,258.80000	GRADING COMPLETE - CSBRG-0007-00(182)	\$208,258.80
0015	310-5080	3165.000	SY	\$16.10000	GR AGGR BS CRS 8IN INCL MATL	\$50,858.50
0020	402-3100	234.000	TN	\$90.00000	REC AC 9.5 MM SP, TP1, GP1 OR BL1, INCL BM&HL	\$21,060.00
0030	402-3121	951.000	TN	\$72.25000	RECYL AC 25MM SP, GP1/2, BM&HL	\$68,709.75
0025	402-3190	381.000	TN	\$78.85000	RECYL AC 19 MM SP, GP 1 OR 2, INC BM&HL	\$28,279.85
0035	413-1000	289.000	GL	\$3.25000	BITUM TACK COAT	\$939.25
0040	433-1000	244.000	SY	\$154.40000	REINF CONC APPROACH SLAB	\$37,573.60
0045	441-0301	4.000	EA	\$1,850.00000	CONC SPILLWAY, TP 1	\$7,400.00
0050	500-3101	1.000	CY	\$650.00000	CLASS A CONCRETE	\$650.00
0065	576-1015	220.000	LF	\$30.00000	SLOPE DRAIN PIPE, 15 IN	\$6,600.00
0080	634-1200	16.000	EA	\$115.00000	RIGHT OF WAY MARKERS	\$1,840.00
0085	641-1100	84.000	LF	\$66.00000	GUARDRAIL, TP T	\$5,544.00
0090	641-1200	350.000	LF	\$20.12000	GUARDRAIL, TP W	\$7,042.00
0095	641-5001	2.000	EA	\$900.00000	GUARDRAIL ANCHORAGE, TP 1	\$1,800.00
0100	641-5012	2.000	EA	\$2,300.00000	GUARDRAIL ANCHORAGE, TP 12	\$4,600.00
<b>SUBTOTAL FOR ROADWAY:</b>						<b>\$467,184.75</b>

### 0020 - TEMPORARY EROSION

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0105	163-0232	4.000	AC	\$600.00000	TEMPORARY GRASSING	\$2,400.00
0110	163-0240	64.000	TN	\$250.00000	MULCH	\$16,000.00
0115	163-0300	2.000	EA	\$1,200.00000	CONSTRUCTION EXIT	\$2,400.00
0120	163-0520	380.000	LF	\$15.00000	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	\$5,700.00
0135	163-0529	837.000	LF	\$4.10000	CNST/REM TEMP SED BAR OR BLD STRW CK DM	\$3,441.70
0139	163-0541	10.000	EA	\$530.00000	CONSTR & REM ROCK FILTER DAMS	\$5,300.00
0145	163-0550	4.000	EA	\$200.00000	CONS & REM INLET SEDIMENT TRAP	\$800.00
0150	165-0030	2315.000	LF	\$1.00000	MAINT OF TEMP SILT FENCE, TP C	\$2,315.00
0155	165-0071	469.000	LF	\$1.00000	MAINT OF SEDIMENT BARRIER - BALED STRAW	\$469.00
0160	165-0101	2.000	EA	\$610.00000	MAINT OF CONST EXIT	\$1,220.00
0165	165-0105	4.000	EA	\$110.00000	MAINT OF INLET SEDIMENT TRAP	\$440.00
0140	165-0110	10.000	EA	\$110.00000	MAINT OF ROCK FILTER DAM	\$1,100.00
0170	167-1000	10.000	EA	\$500.00000	WATER QUALITY MONITORING AND SAMPLING	\$5,000.00
0175	167-1500	12.000	MO	\$500.00000	WATER QUALITY INSPECTIONS	\$6,000.00
0180	171-0030	4630.000	LF	\$3.00000	TEMPORARY SILT FENCE, TYPE C	\$13,890.00
0185	643-8200	1377.000	LF	\$2.24000	BARRIER FENCE (ORANGE), 4 FT	\$3,084.48
<b>SUBTOTAL FOR TEMPORARY EROSION:</b>						<b>\$89,980.18</b>

# DETAILED COST ESTIMATE



**Job: 0007182**

## 0025 - PERMANENT EROSION

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0190	700-8910	4.000	AC	\$1,000.00000	PERMANENT GRASSING	\$4,000.00
0195	700-7000	8.000	TN	\$65.00000	AGRICULTURAL LIME	\$520.00
0200	700-8000	4.000	TN	\$550.00000	FERTILIZER MIXED GRADE	\$2,200.00
0205	700-8100	200.000	LB	\$3.23000	FERTILIZER NITROGEN CONTENT	\$646.00
<b>SUBTOTAL FOR PERMANENT EROSION:</b>						<b>\$7,366.00</b>

## 0030 - SIGNING AND MARKING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0210	636-1033	41.000	SF	\$22.00000	HWY SIGNS, TP1MAT,REFL SH TP 9	\$902.00
0215	636-2070	70.000	LF	\$8.00000	GALV STEEL POSTS, TP 7	\$560.00
0224	636-5020	12.000	EA	\$29.67000	DELINEATOR, TP 2	\$356.44
0225	652-5451	1680.000	LF	\$0.14000	SOLID TRAF STRIPE, 5 IN, WHITE	\$235.20
0230	652-5452	1680.000	LF	\$0.14000	SOLID TRAF STRIPE, 5 IN, YELLO	\$235.20
0235	654-1001	28.000	EA	\$3.00000	RAISED PVMT MARKERS TP 1	\$84.00
0240	657-1085	320.000	LF	\$6.00000	PRF PL SD PVT MKG,8",B/W,TP PB	\$1,920.00
0245	657-6085	320.000	LF	\$6.00000	PRF PL SD PVMT MKG,8",B/Y,TPPB	\$1,920.00
<b>SUBTOTAL FOR SIGNING AND MARKING:</b>						<b>\$6,214.84</b>

## 0040 - BRIDGE

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0250	540-1101	1.000	LS	\$72,447.48000	REM OF EX BR, STA NO - 70+10.00	\$72,447.48
0255	543-8000	1.000	LS	\$584,000.00000	CONSTR OF BRIDGE COMPLETE - CSBRG-0007-00(182)	\$584,000.00
0260	603-2024	1000.000	SY	\$58.10000	STN DUMPED RIP RAP, TP 1, 24"	\$58,100.00
0265	603-7000	1000.000	SY	\$4.00000	PLASTIC FILTER FABRIC	\$4,000.00
<b>SUBTOTAL FOR BRIDGE:</b>						<b>\$716,547.48</b>

### TOTALS FOR JOB 0007182

ITEMS COST:	\$1,267,243.25
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$1,267,243.25
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.05
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$1,330,605.41



PROJ. NO.  
P.I. NO.  
DATE

CSBRG-0007-00(182)
0007182
4/25/2014

CALL NO.

**BITUMINOUS TACK COAT (surface treatment)**

Price Adjustment (PA) \$ 0  
 Monthly Asphalt Cement Price month placed (APM) \$ 900.80  
 Monthly Asphalt Cement Price month project let (APL) \$ 563.00  
 Total Monthly Tonnage of asphalt cement (TMT) 0

Bitum Tack	SY	Gals/SY	Gals	gals/ton	tons
Single Surf. Trmt.		0.20	0	232.8234	0
Double Surf. Trmt.		0.44	0	232.8234	0
Triple Surf. Trmt		0.71	0	232.8234	0
					0

**TOTAL LIQUID AC ADJUSTMENT**

\$ 26,869.05

**GEORGIA DEPARTMENT OF TRANSPORTATION  
PRELIMINARY ROW COST ESTIMATE SUMMARY**

Date: 5/7/2014 Project: CSBRG-0007-00(182)  
 Revised: County: Lanier  
 PI: 0007182

Description: SR 64 @ Ten Mile Creek 6.6 mile NW of Lakeland  
 Project Termini: SR 64 @ Ten Mile Creek 6.6 mile NW of Lakeland

Existing ROW: Varies  
 Required ROW: Varies  
 Parcels: 7

Land and Improvements \_\_\_\_\_ \$442,500.00

*Proximity Damage \$0.00*

*Consequential Damage \$0.00*

*Cost to Cures \$0.00*

*Trade Fixtures \$0.00*

*Improvements \$75,000.00*

Valuation Services \_\_\_\_\_ \$26,250.00

Legal Services \_\_\_\_\_ \$79,725.00

Relocation \_\_\_\_\_ \$14,000.00

Demolition \_\_\_\_\_ \$0.00

Administrative \_\_\_\_\_ \$64,000.00

TOTAL ESTIMATED COSTS \_\_\_\_\_ \$626,475.00

**TOTAL ESTIMATED COSTS (ROUNDED) \_\_\_\_\_ \$627,000.00**

Preparation Credits	Hours	Signature

Prepared By: Dathone Alexander CG#: 286999 05/07/2014  
 Approved By: Dathone Alexander CG#: 286999 05/07/2014

**NOTE: No Market Appreciation is included in this Preliminary Cost Estimate**

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE**

Project No: CSBRG-0007-00(182)  
County LANIER  
P.I. # 0007182

OFFICE: Tifton  
DATE: May 1, 2014

Description: **SR 64 @ FIVE MILE CREEK 5 MI NORTH OF LAKELAND**

*HW*  
FROM Tim Warren, P.E., District Utilities Engineer

TO Huff, Tamaya Leanna, Project Manager

SUBJECT **UPDATED -UTILITY COST ESTIMATE**

A review of utilities located on the above referenced project has been conducted based on the latest available plans.. Listed below is a breakdown of the anticipated reimbursable and non-reimbursable cost.

<u>Utility Owner</u>	<u>Reimbursable</u>	<u>Non-Reimbursable</u>	<u>Estimate Based on</u>
Windstream Communications -	\$0.00	\$5,000.00	Site Visit / Available Drawings
Total	\$ 0.00	\$5,000.00	

**\*\* Indicates Potential Utility Aid Request from Local Gov't**

Estimate is based on the best available information at the current stage, unforeseen prior rights information may be provided by the Utility Company at a later date that could cause some non-reimbursable costs to shift to the reimbursable cost column.

If additional information is needed, please contact me or *BC* Bill Cooper , AE at (229) 386-3288.

c: Abdulvahid Munshi, State Utilities Office  
Lee Upkins, State Utilities Office  
Jun Birnkammer, State Utilities Office  
Brent Thomas, District Preconstruction Engineer

**NOTICE OF LOCATION AND DESIGN APPROVAL**  
**PROJECT NO. CSBRG-0007-00(182) AND LANIER COUNTY**  
**P. I. NUMBER 0007182**

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location and design approval is: August 5, 2014

This project is the replacement of the existing bridge on SR 64 at Five Mile Creek approximately 5.0 miles north of Lakeland, Georgia. The current Bridge Sufficiency Rating is 61.89 and will be replaced with a wider bridge that meets current GDOT Guidelines. The proposed project will consist of two 11 ft. travel lanes, 8 ft. shoulders with 4 ft. paved and open ditches. Traffic will be maintained with an Off-site Detour. This project is located in the 10th Land District and GMD 1300. The proposed project will be approximately 0.14 miles in length.

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

Jerry Hughes, GDOT District 4 Area 1 Engineer  
Georgia Department of Transportation  
1411 Madison Highway  
Valdosta, Ga 31601  
E-mail: [jehughes@dot.ga.gov](mailto:jehughes@dot.ga.gov)  
Phone: 229-333-5287

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:

Albert V. Shelby, III, State Program Delivery Engineer  
Georgia Department of Transportation, Office of Program Delivery  
600 West Peachtree Street, 25<sup>th</sup> Floor  
Atlanta, GA 30308  
E-mail: [ashelby@dot.ga.gov](mailto:ashelby@dot.ga.gov)  
Phone: 404-631-1758

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.