

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. #0007165 **OFFICE** Design Policy & Support
CSBRG-0007-00(165)
Coffee County
GDOT District 4 - Tifton **DATE** 6/6/2014
SR 158 @ Satillia River 12 Miles West of Douglas

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 A. Thomas, District Preconstruction Engineer
Shane Pridgen, District Planning & Programming Engineer
Keith Carver, Area Engineer - D4, A2
Sonja Thompson, Project Manager
BOARD MEMBER - 12th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE CSBRG-0007-00(165), Coffee OFFICE Program Delivery
P.I. No. 0007165
SR 158@ Satilla River 12 Miles West of Douglas
DATE May 15, 2014

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

TO: Brent A. 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: The proposed project is the replacement of the existing bridge on SR 158 @ Satilla River approximately 12 miles west of Douglas, Georgia. The current Bridge Sufficiency Rating is 59.37 and will be replaced with a wider bridge that meets current GDOT Guidelines. The proposed approaches will consist of two-11 ft. travel lanes, 8 foot shoulders with 4 foot paved and open ditches. Traffic will be maintained with an On-site Detour. This project is located in the 5th Land District, Land Lot 246 and GMD 1804. The proposed project will be approximately 0.39 miles in length.

Concept Approval Date: 12/20/2012

Concept Update: None

Environmental Document Type, Approval Date & any Reevaluations: Categorical Exclusion, approved 5/15/2014

Temporary State Route Needed: No Yes Undetermined

Public Involvement: Public hearing open house is not required and was not scheduled.

Consistency with Approved Planning:

The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendations: Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

CONCUR
RECOMMEND: *Alan Bonn*
Director of Engineering

APPROVE: *Russell McManey* *6/2/14*
Chief Engineer Date

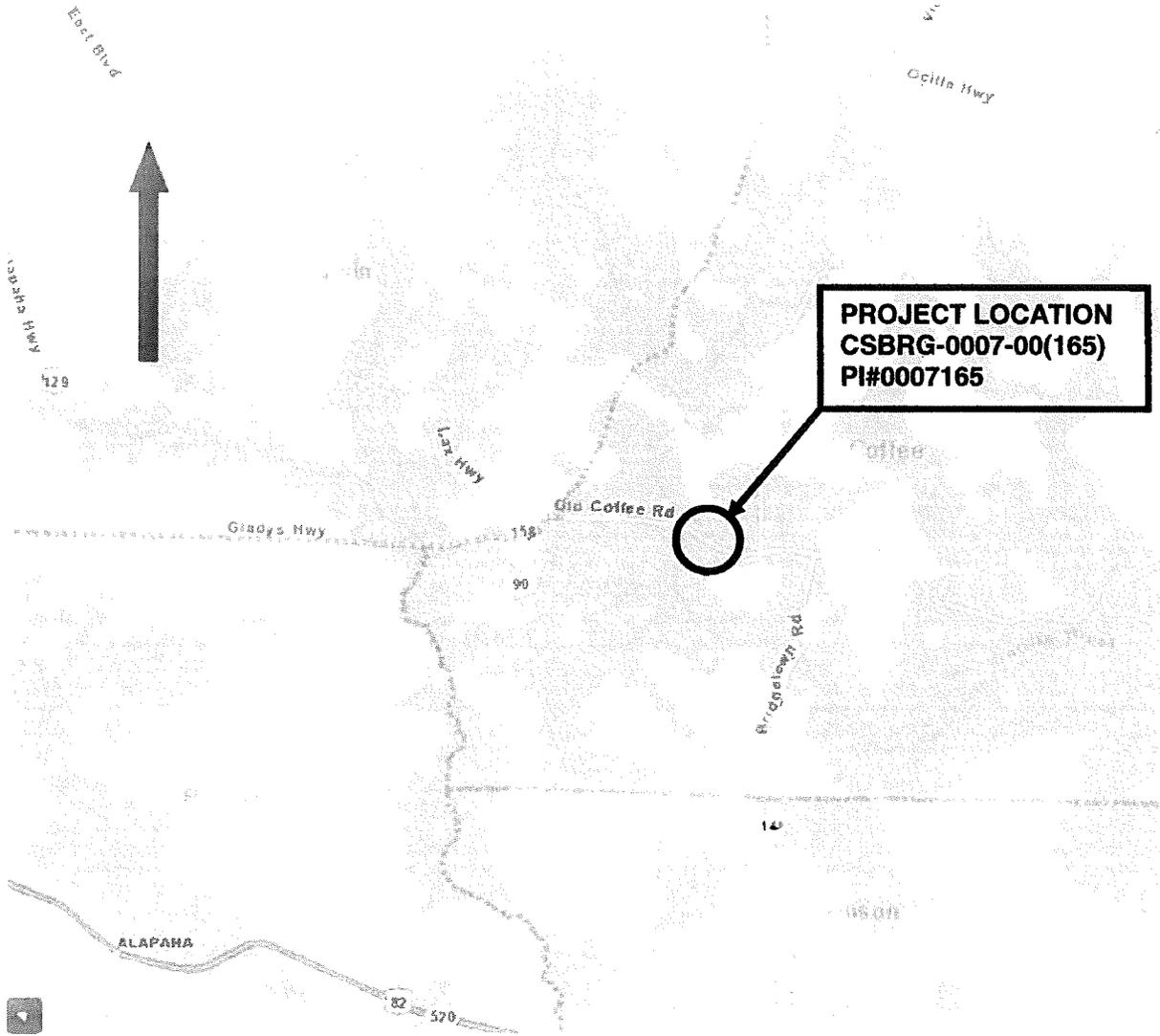
DATE OF LOCATION AND DESIGN APPROVAL: *June 6, 2014*
(To be entered by the State Conceptual Design Group Manager)

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Request for Location and Design Approval
P.I. No. 0007165, Coffee

Attachments:

- **Sketch Map**
- **Cost Estimate**
- **Notice of Location and Design Approval**

PROJECT LOCATION:



SR 165 @ Satilla River

Coffee County

DETAILED COST ESTIMATE



Job: 0007165-COFFEE

JOB NUMBER 0007165-COFFEE

FED/STATE PROJECT NUMBER 0007165

SPEC YEAR: 01

DESCRIPTION: BRIDGE REPLACEMENT ON SR 158 OVER SATILLA RIVER

ITEMS FOR JOB 0007165-COFFEE

0001 - ROADWAY

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$40,000.00000	TRAFFIC CONTROL - TRAFF CONTROL	\$40,000.00
0010	153-1300	1.000	EA	\$76,345.30387	FIELD ENGINEERS OFFICE TP 3	\$76,345.30
0015	210-0100	1.000	LS	\$121,019.38000	GRADING COMPLETE - GRADE AND COMPLETE	\$121,019.38
0020	310-5080	4750.000	SY	\$17.04346	GR AGGR BS CRS 8IN INCL MATL	\$80,956.44
0025	318-3000	60.000	TN	\$34.55308	AGGR SURF CRS	\$2,073.18
0030	402-1812	1218.000	TN	\$91.10505	RECYL AC LEVELING,INC BM&HL	\$110,965.95
0035	402-3103	946.000	TN	\$90.49495	REC AC 9.5 MM SP,TPII,GP2, INCL BM & H L	\$85,608.22
0040	402-3121	1343.000	TN	\$75.74153	RECYL AC 25MM SP,GP1/2,BM&HL	\$101,720.87
0045	402-3190	928.000	TN	\$81.36784	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$75,509.36
0050	413-1000	1058.000	GL	\$3.25527	BITUM TACK COAT	\$3,444.08
0051	429-1000	6.000	EA	\$704.20095	RUMBLE STRIPS	\$4,225.21
0055	433-1200	310.000	SY	\$216.42499	REF CONC APPR SL/I SLOPED EDGE	\$67,091.75
0056	436-1000	777.000	LF	\$12.34917	ASPH CONC CURB - CSBRG-0007-00(165)	\$9,595.31
0057	441-0301	4.000	EA	\$2,068.60517	CONC SPILLWAY, TP 1	\$8,274.42
0058	456-2015	0.740	GLM	\$2,524.03727	INDENT. RUMB. STRIPS - GRND-IN-PL (SKIP)	\$1,867.79
0060	500-3101	1.020	CY	\$517.30367	CLASS A CONCRETE	\$527.65
0065	550-2180	240.000	LF	\$36.72576	SIDE DR PIPE 18",H 1-10	\$8,814.18
0070	550-3618	8.000	EA	\$651.89748	SAFETY END SECTION 18",SD,6:1	\$5,215.18
0071	576-1018	168.000	LF	\$29.60171	SLOPE DRAIN PIPE, 18 IN	\$4,973.09
0072	577-1100	4.000	EA	\$1,174.93521	METAL DR INLET - CMPLT ASSMBLY	\$4,699.74
0075	610-1055	614.000	LF	\$2.07489	REM GUARDRAIL	\$1,273.98
0080	610-1075	4.000	EA	\$196.66227	REM GUARDRAIL ANCH, ALL TYPES	\$786.65
0085	620-0200	500.000	LF	\$82.29031	TEMP BARRIER, METHOD NO. 2	\$41,145.16
0090	634-1200	20.000	EA	\$91.57002	RIGHT OF WAY MARKERS	\$1,831.40
0095	641-1100	84.000	LF	\$73.93808	GUARDRAIL, TP T	\$6,210.80
0100	641-1200	855.000	LF	\$14.13200	GUARDRAIL, TP W	\$12,082.86
0105	641-5001	2.000	EA	\$678.31654	GUARDRAIL ANCHORAGE, TP 1	\$1,356.63
0110	641-5012	2.000	EA	\$1,791.42921	GUARDRAIL ANCHORAGE, TP 12	\$3,582.86
0111	643-0103	324.000	LF	\$5.36298	FIELD FENCE BARWIRE, 3 STRANDS	\$1,737.61
SUBTOTAL FOR ROADWAY:						\$882,935.05

DETAILED COST ESTIMATE



Job: 0007165-COFFEE

0002 - TEMPORARY EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0115	163-0232	6.000	AC	\$861.73287	TEMPORARY GRASSING	\$5,170.40
0120	163-0240	96.000	TN	\$287.71213	MULCH	\$27,620.36
0125	163-0300	4.000	EA	\$1,677.08230	CONSTRUCTION EXIT	\$6,708.33
0129	163-0520	150.000	LF	\$22.40946	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	\$3,361.42
0130	163-0528	602.000	LF	\$3.85000	CONSTR AND REM FAB CK DAM -TP C SLT FN	\$2,317.70
0135	163-0529	954.000	LF	\$4.65941	CNST/REM TEMP SED BAR OR BLD STRW CK DM	\$4,445.08
0140	165-0030	3414.000	LF	\$1.69780	MAINT OF TEMP SILT FENCE, TP C	\$5,796.29
0145	165-0041	301.000	LF	\$1.94000	MAINT OF CHECK DAMS - ALL TYPES	\$583.94
0150	165-0071	477.000	LF	\$1.75879	MAINT OF SEDIMENT BARRIER - BALED STRAW	\$838.94
0155	165-0101	4.000	EA	\$910.66867	MAINT OF CONST EXIT	\$3,642.67
0160	167-1000	4.000	EA	\$984.51862	WATER QUALITY MONITORING AND SAMPLING	\$3,938.07
0165	167-1500	12.000	MO	\$1,168.13736	WATER QUALITY INSPECTIONS	\$14,017.65
0170	171-0030	6828.000	LF	\$3.48355	TEMPORARY SILT FENCE, TYPE C	\$23,785.68
0175	643-8200	1235.000	LF	\$3.21193	BARRIER FENCE (ORANGE), 4 FT	\$3,966.73
SUBTOTAL FOR TEMPORARY EROSION CONTROL:						\$106,193.26

0003 - PERMANENT EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0180	700-6910	6.000	AC	\$1,464.65034	PERMANENT GRASSING	\$8,787.90
0185	700-7000	12.000	TN	\$67.35946	AGRICULTURAL LIME	\$808.31
0190	700-8000	5.000	TN	\$381.30752	FERTILIZER MIXED GRADE	\$1,906.54
0195	700-8100	300.000	LB	\$3.75344	FERTILIZER NITROGEN CONTENT	\$1,126.03
0200	716-2000	2186.000	SY	\$2.17496	EROSION CONTROL MATS, SLOPES	\$4,754.46
SUBTOTAL FOR PERMANENT EROSION CONTROL:						\$17,383.24

0004 - HIGHWAY SIGNING AND MARKING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0205	636-1020	9.000	SF	\$19.36310	HWY SGN,TP1MAT,REFL SH TP3	\$174.27
0210	636-1033	24.240	SF	\$20.44390	HWY SIGNS, TP1MAT,REFL SH TP 9	\$495.56
0215	636-2070	70.000	LF	\$10.29926	GALV STEEL POSTS, TP 7	\$720.95
0220	653-1501	3420.000	LF	\$0.54990	THERMO SOLID TRAF ST 5 IN, WHI	\$1,880.66
0221	653-1502	210.000	LF	\$0.68675	THERMO SOLID TRAF ST, 5 IN YEL	\$144.22
0225	653-3502	1710.000	GLF	\$0.30525	THERMO SKIP TRAF ST, 5 IN, YEL	\$521.98
0230	654-1001	23.000	EA	\$5.39924	RAISED PVMT MARKERS TP 1	\$124.18
0231	654-1002	6.000	EA	\$3.47072	RAISED PVMT MARKERS TP 2	\$20.82
0235	657-1085	580.000	LF	\$6.16520	PRF PL SD PVT MKG,8",B/W,TP PB	\$3,575.82
0240	657-3086	580.000	GLF	\$3.38905	FPR PL SK PVMT MKG,8",B/Y,TPPB	\$1,965.65
SUBTOTAL FOR HIGHWAY SIGNING AND MARKING:						\$9,624.11

0005 - BRIDGE

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0245	540-1101	1.000	LS	\$150,696.00000	REM OF EX BR, STA NO - EXISTING MAINLINE BRIDGE	\$150,696.00
0250	541-0001	1.000	LS	\$290,304.00000	DETOUR BRIDGE - DETOUR BRIDGE	\$290,304.00
0255	543-9000	1.000	LS	\$1,044,000.00000	CONSTR OF BRIDGE COMPLETE - MAINLINE BRIDGE	\$1,044,000.00
0260	603-2024	1048.000	SY	\$59.93269	STN DUMPED RIP RAP, TP 1, 24"	\$62,809.46
0265	603-7000	1048.000	SY	\$8.19011	PLASTIC FILTER FABRIC	\$8,583.24
SUBTOTAL FOR BRIDGE:						\$1,556,392.70

DETAILED COST ESTIMATE



Job: 0007165-COFFEE

TOTALS FOR JOB 0007165-COFFEE

ITEMS COST:	\$2,572,528.36
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$2,572,528.36
ENGINEERING AND INSPECTION:	0.05
ESTIMATED COST WITH E&I:	\$2,701,154.78

NOTICE OF LOCATION AND DESIGN APPROVAL
CSBRG-0007-00(165)
PI# 0007165

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 the Location Approval is: JUNE 6, 2014

The proposed project is the replacement of the existing bridge on SR 158 @ Satilla River approximately 12 miles west of Douglas, Georgia. The current Bridge Sufficiency Rating is 59.37 and will be replaced with a wider bridge that meets current GDOT Guidelines. The proposed approaches will consist of two-12 ft. travel lanes, 8 ft shoulders with 4 ft. paved and open ditches. Traffic will be maintained with an On-site Detour. This project is located in the 5th Land District, Land Lot 246 and GMD 1804. The proposed project will be approximately 0.39 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:

Howard "Keith" Carver
hcarver@dot.ga.gov
1835 South Peterson Ave
Douglas, GA 31535
912-389-4201

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
Office of Program Delivery
ashelby@dot.ga.gov
600 West Peachtree Street
Atlanta, GA 30308
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.