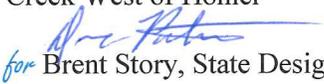


**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. #0007157 **OFFICE** Design Policy & Support
CSBRG-0007-00(157)
Banks County
GDOT District 1 - Gainesville **DATE** 10/30/2015
Bridge Replacement: SR 323 at Grove
Creek West of Homer

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
Darryl VanMeter, State Innovative Delivery Engineer
Bobby Hilliard, Program Control Administrator
Cindy VanDyke, State Transportation Planning Administrator
Hiral Patel, State Environmental Administrator
Ben Rabun, State Bridge Engineer
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Andy Casey, State Roadway Design Engineer
Attn: Mac Cranford, Design Group Manager
Richard Cobb, Location Bureau Chief
Brent Cook, District Engineer
Brandon Kirby, District Preconstruction Engineer
Kim Coley, District Planning & Programming Engineer
Tony Voyles, Area Engineer - D1, A3
Davida White, Project Manager
BOARD MEMBER - 1st Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**INTEROFFICE CORRESPONDENCE
LOCATION AND DESIGN REPORT**

FILE P.I. 0007157
CSBRG-0007-00(157)
Banks County
SR 323 at Grove Creek

OFFICE Program Delivery

DATE 9/10/2015

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

Albert Shelby
TS/11/11/15

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: The proposed project is located along SR 323 at Grove Creek, approximately 6.5 miles west of Homer in Banks County, Georgia. The proposed project will replace the existing 28-ft wide bridge with a new 37.25-ft wide bridge. The new bridge will be shifted parallel (North) of the existing which will minimize environmental impacts. The proposed project length would be approximately 0.69 miles.

Concept Approval Date: January 14, 2013

Concept Update: The following changes were made to the project.

1. The posted/design speed listed in the approved concept report is 45 mph. The posted/design speed should be 55 mph.
2. The project length changed from 0.40 miles to 0.69 miles due to the ditch tie-ins.

Environmental Document:

Document Type: Categorical Exclusion

Approval Date: 10/27/2015

[Signature]

Temporary State Route Needed: No Yes Undetermined

Public Involvement: N/A

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: Al Bon
GDOT Director of Engineering

Approve: Margaret B. Pickett
GDOT Chief Engineer

10.22.15
Date

DATE OF LOCATION AND DESIGN APPROVAL: OCTOBER 30, 2015
(To be entered by State Conceptual Design Group Manager)

Attachments:

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

DETAILED COST ESTIMATE



Job: 0007157-ALT 1

JOB NUMBER 0007157-ALT 1

FED/STATE PROJECT NUMBER CSBRG-0007-00(157)

SPEC YEAR: 01

DESCRIPTION: SR 323 @ GROVE CREEK NEW ALIGNMENT

ITEMS FOR JOB 0007157-ALT 1

0010 - ROADWAY ITEMS

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$10,000.00000	TRAFFIC CONTROL - CSBRG-0007-00(157)	\$10,000.00
0381	150-5010	2.000	EA	\$8,382.88588	TRAF CTRL,PORTABLE IMPACT ATTN	\$16,765.77
0010	153-1300	1.000	EA	\$81,966.28477	FIELD ENGINEERS OFFICE TP 3	\$81,966.28
0015	210-0100	1.000	LS	\$200,000.00000	GRADING COMPLETE - CSBRG-0007-00(157)	\$200,000.00
0181	310-5060	100.000	SY	\$25.17632	GR AGGR BS CRS 6IN INCL MATL	\$2,517.63
0020	310-5100	10978.000	SY	\$18.81094	GR AGGR BS CRS 10IN INCL MATL	\$206,508.50
0391	318-3000	30.000	TN	\$26.32135	AGGR SURF CRS	\$789.64
0376	402-1812	120.000	TN	\$98.26153	RECYL AC LEVELING,INC BM&HL	\$11,791.38
0030	402-3101	761.000	TN	\$77.81946	REC AC 9.5 MM SP,TPI, BL 1 INCL BM & HL	\$59,220.61
0025	402-3121	2416.000	TN	\$75.27289	RECYL AC 25MM SP,GP1/2,BM&HL	\$181,859.30
0035	402-3190	1208.000	TN	\$81.53811	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$98,498.04
0040	413-1000	3500.000	GL	\$3.25621	BITUM TACK COAT	\$11,396.74
0371	432-5010	300.000	SY	\$11.95281	MILL ASPH CONC PVMT,VARB DEPTH	\$3,585.84
0049	433-1000	262.000	SY	\$160.53654	REINF CONC APPROACH SLAB	\$42,060.57
0401	436-1000	1500.000	LF	\$11.10260	ASPH CONC CURB - 8 IN	\$16,653.90
0406	441-0304	6.000	EA	\$1,583.17048	CONC SPILLWAY, TP 4	\$9,499.02
0426	446-1100	1100.000	LF	\$6.05694	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	\$6,662.63
0306	500-3200	20.000	CY	\$506.94657	CL B CONC	\$10,138.93
0316	603-2182	400.000	SY	\$42.23837	STN DUMPED RIP RAP, TP 3, 24"	\$16,895.35
0386	603-7000	400.000	SY	\$3.94822	PLASTIC FILTER FABRIC	\$1,579.29
0451	610-0200	300.000	LF	\$7.02000	REM CH LK FENCE,ALL SIZES&TYPE	\$2,106.00
0361	615-1000	110.000	LF	\$291.07240	JACK OR BORE PIPE - 24 IN DIA	\$32,017.96
0050	620-0100	350.000	LF	\$38.16487	TEMP BARRIER, METHOD NO. 1	\$13,357.70
0055	632-0003	2.000	EA	\$7,300.63232	CHANGEABLE MESS SIGN,PORT,TP 3	\$14,601.26
0431	634-1200	15.000	EA	\$121.12623	RIGHT OF WAY MARKERS	\$1,816.89
0160	641-1100	2600.000	LF	\$28.86177	GUARDRAIL, TP T	\$75,040.60
0060	641-1200	500.000	LF	\$18.76403	GUARDRAIL, TP W	\$9,382.02
0150	641-5001	2.000	EA	\$867.73086	GUARDRAIL ANCHORAGE, TP 1	\$1,735.46
0065	641-5012	2.000	EA	\$2,152.94423	GUARDRAIL ANCHORAGE, TP 12	\$4,305.89
SUBTOTAL FOR ROADWAY ITEMS:						\$1,142,751.20

DETAILED COST ESTIMATE



Job: 0007157-ALT 1

1020 - EROSION CONTROL ITEMS

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0341	163-0232	1.000	AC	\$684.89419	TEMPORARY GRASSING	\$684.89
0356	163-0240	25.000	TN	\$297.03202	MULCH	\$7,425.80
0070	163-0300	3.000	EA	\$1,539.72929	CONSTRUCTION EXIT	\$4,619.19
0486	163-0501	8.000	EA	\$626.15615	CONSTR AND REMOVE SILT CONTROL GATE, TP 1	\$5,009.25
0396	163-0528	4825.000	LF	\$2.74972	CONSTR AND REM FAB CK DAM -TP C SLT FN	\$13,267.40
0075	165-0030	5100.000	LF	\$0.58359	MAINT OF TEMP SILT FENCE, TP C	\$2,976.31
0080	165-0101	3.000	EA	\$674.88272	MAINT OF CONST EXIT	\$2,024.65
0491	167-1000	12.000	EA	\$182.13424	WATER QUALITY MONITORING AND SAMPLING	\$2,185.61
0496	167-1500	18.000	MO	\$656.45430	WATER QUALITY INSPECTIONS	\$11,816.18
0085	171-0030	10200.000	LF	\$2.64221	TEMPORARY SILT FENCE, TYPE C	\$26,950.54
0366	208-0200	100.000	CY	\$60.39658	ROCK EMBANKMENT	\$6,039.66
0421	643-8200	1200.000	LF	\$1.29079	BARRIER FENCE (ORANGE), 4 FT	\$1,548.95
0336	700-6910	1.055	AC	\$1,041.90315	PERMANENT GRASSING	\$1,099.21
0346	700-7000	2.000	TN	\$143.91715	AGRICULTURAL LIME	\$287.83
0351	700-8100	55.000	LB	\$3.94653	FERTILIZER NITROGEN CONTENT	\$217.06
0090	716-2000	3800.000	SY	\$1.08323	EROSION CONTROL MATS, SLOPES	\$4,116.27
SUBTOTAL FOR EROSION CONTROL ITEMS:						\$90,268.80

1030 - SIGNING AND MARKING ITEMS

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0095	636-1020	28.000	SF	\$16.29406	HWY SGN, TP1MAT, REFL SH TP3	\$456.23
0100	636-1033	58.000	SF	\$20.11925	HWY SIGNS, TP1MAT, REFL SH TP 9	\$1,166.92
0456	636-1041	50.000	SF	\$33.72988	HWY SIGNS, TP 2MAT, REFL SH TP 9	\$1,686.49
0461	636-2070	294.000	LF	\$8.09430	GALV STEEL POSTS, TP 7	\$2,379.72
0466	636-5100	4.000	EA	\$206.58726	MILEPOST SIGNS	\$826.27
0105	653-1501	6810.000	LF	\$0.50810	THERMO SOLID TRAF ST 5 IN, WHI	\$3,460.16
0110	653-1502	6890.000	LF	\$0.45209	THERMO SOLID TRAF ST, 5 IN YEL	\$3,114.90
0471	653-1704	65.000	LF	\$6.77148	THERM SOLID TRAF STRIPE, 24", WH	\$440.15
0501	654-1001	86.000	EA	\$4.84316	RAISED PVMT MARKERS TP 1	\$416.51
0115	657-1085	460.000	LF	\$7.06267	PRF PL SD PVT MKG, 8", B/W, TP PB	\$3,248.83
0476	657-1085	521.000	LF	\$6.97798	PRF PL SD PVT MKG, 8", B/W, TP PB	\$3,635.53
0481	657-3086	521.000	GLF	\$3.72639	FPR PL SK PVMT MKG, 8", B/Y, TPPB	\$1,942.49
0120	657-6085	460.000	LF	\$7.02400	PRF PL SD PVMT MKG, 8", B/Y, TPPB	\$3,231.04
SUBTOTAL FOR SIGNING AND MARKING ITEMS:						\$26,005.24

1040 - BRIDGE ITEMS

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0135	511-1000	1367.000	LB	\$1.14953	BAR REINF STEEL	\$1,571.41
0125	540-1102	1.000	LS	\$86,841.96000	REM OF EX BR, BR NO - 011-0022-0	\$86,841.96
0130	543-9000	1.000	LS	\$502,920.00000	CONSTR OF BRIDGE COMPLETE - CSBRG-0007-00(157)	\$502,920.00
SUBTOTAL FOR BRIDGE ITEMS :						\$591,333.37

DETAILED COST ESTIMATE



Job: 0007157-ALT 1

050 - DRAINAGE ITEMS

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0140	207-0203	100.000	CY	\$55.05735	FOUND BK FILL MATL, TP II	\$5,505.74
0145	500-3101	20.000	CY	\$832.09134	CLASS A CONCRETE	\$16,641.83
0196	550-1240	258.000	LF	\$48.63392	STM DR PIPE 24", H 1-10	\$12,547.55
0436	550-1360	310.000	LF	\$85.55996	STM DR PIPE 36", H 1-10	\$26,523.59
0326	550-2180	240.000	LF	\$34.52865	SIDE DR PIPE 18", H 1-10	\$8,286.88
0411	550-3318	4.000	EA	\$667.20130	SAFETY END SECTION 18", STD, 4:1	\$2,668.81
0416	550-3324	2.000	EA	\$841.98662	SAFETY END SECTION 24", STD, 4:1	\$1,683.93
0331	550-4118	2.000	EA	\$386.64797	FLARED END SECT 18 IN, SIDE DR	\$773.30
0206	550-4224	2.000	EA	\$671.66589	FLARED END SECT 24 IN, ST DR	\$1,343.33
0441	576-1018	250.000	LF	\$37.37199	SLOPE DRAIN PIPE, 18 IN	\$9,343.00
0446	576-1024	250.000	LF	\$38.73000	SLOPE DRAIN PIPE, 24 IN	\$9,682.50
SUBTOTAL FOR DRAINAGE ITEMS:						\$95,000.46

TOTALS FOR JOB 0007157-ALT 1

ITEMS COST:	\$1,945,359.07
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$1,945,359.07
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.00
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$1,945,359.07

NOTICE OF LOCATION AND DESIGN APPROVAL
CSBRG-0007-00(157) AND BANKS COUNTY
P. I. 0007157

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: OCTOBER 30, 2015

The proposed project is located along SR 323 at Grove Creek, approximately 6.5 miles west of Homer in Banks County, Georgia near mile post 1.88 in Georgia Militia District 1464. The proposed project will replace the existing 28-ft wide bridge with a new 37.25-ft wide bridge, 200-ft long. The new bridge will be shifted parallel (North) of the existing which will minimize environmental impacts. Traffic is to be maintained during construction with the use of an onsite detour. The proposed project length would be approximately 0.69 miles.

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:

Tony Voyles
GDOT District 1, Area 3 Engineer
tvoyles@dot.ga.gov
301 Conger Road
Carnesville, GA 30521
(706) 384-7269

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
GDOT Office of Program Delivery
Attn: *David White*
dwhite@dot.ga.gov
Georgia Department of Transportation
600 West Peachtree Street, 25th Floor Cubicle 2527
Atlanta, GA 30308
(404) 631-1717

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.

Williams, Gabrielle

From: Miles, Shana M
Sent: Friday, October 30, 2015 3:16 PM
To: Williams, Gabrielle
Subject: RE: PI#0007157, Banks County Approved Environmental Document

10/27/15. Sorry about that. I'll try to repost the link.

From: Williams, Gabrielle
Sent: Friday, October 30, 2015 3:12 PM
To: Miles, Shana M; White, Davida
Cc: Engineering Services - Certifications; Williams, Floyd J; Thomas, Oscar; Phillips, Amber
Subject: RE: PI#0007157, Banks County Approved Environmental Document

Good afternoon!

What is the approval date for the environmental document? I do not have access to the link below.

Thank you!

"Faith is being sure of what we hope for and certain of what we do not see."
Hebrews 11:1 NIV

gawilliams@dot.ga.gov
404-631-1736

From: Miles, Shana M
Sent: Thursday, October 29, 2015 3:25 PM
To: White, Davida
Cc: Engineering Services - Certifications; Williams, Floyd J; Thomas, Oscar; Phillips, Amber
Subject: PI#0007157, Banks County Approved Environmental Document

Hi everyone,

Please follow the link below for the approved environmental document for the above noted project. Please review the document, paying particular attention to the environmental commitments table. The appropriate TPro EIS and NEPA lines have been updated. If you have any questions or would like a hard copy please let me know.

[pw:\\gdot-go-pwis01.gdot.ad.local:ProjectWise\Documents\Projects\0007157 - Banks - Bridges - SR 323 @ Grove Creek\PE \(Preconstruction\)\Environmental\NEPA\Working Files](pw:\\gdot-go-pwis01.gdot.ad.local:ProjectWise\Documents\Projects\0007157 - Banks - Bridges - SR 323 @ Grove Creek\PE (Preconstruction)\Environmental\NEPA\Working Files)

This email certifies that the environmental document for the above listed project is approved. This technically completes the environmental process and the project can proceed to the next activity phase, *such as the field plan review*. Please note that any change in the project as described in the approved environmental document will require additional review by this office and possible reevaluation.

Shana Miles, Environmental Planner-NEPA Unit

*GDOT-Office of Environmental Services
One Georgia Center
600 West Peachtree Street, NW, 16th Floor
Atlanta, GA 30308
404-631-1155*

Traffic fatalities are on the rise since the beginning of 2015 and Georgia could see the first increase in nine years! Many of these fatalities are the result of distracted driving. DriveAlert ArriveAlive implores motorists to drive responsibly. 1—buckle up; 2—stay off the phone/no texting; and 3—drive alert. Visit www.dot.ga.gov/DS/SafetyOperation/DAAA. #ArriveAliveGA