

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. #0009860 **OFFICE** Design Policy & Support
Bartow County
GDOT District 6 - Cartersville **DATE** 6/13/2016
Bridge Replacement - SR3 @ CR122/Old Hwy 41
Approx 4 Miles South of Adairsville

FROM  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:

Hiral Patel, 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
Eric Duff, State Environmental Administrator
Bill DuVall, 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
DeWayne Comer, District Engineer
David Acree, District Preconstruction Engineer
Chérie Marsh, District Planning & Programming Engineer
Keith Day, Assistant Area Engineer - D6, A1
Steve Adewale, Project Manager
BOARD MEMBER - 11th Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTEROFFICE CORRESPONDENCE
LOCATION AND DESIGN REPORT

FILE P.I. 0009860
Bartow County
SR 3 @ CR 122/OLD HWY 41
Approx 4 MI S Of Adairsville

OFFICE Office of Program Delivery
DATE 6/6/2016

FROM *Chandra J. Ben for*
Albert V. Shelby, III, State Program Delivery Engineer

ASAP
C.B.

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 proposes to replace the existing bridge on State Route (SR) 3/US 41 over County Road (CR) 122/Old Highway 41. The new bridge will be constructed directly adjacent to the existing bridge on the eastern side of SR 3/US 41. This will allow SR 3/US 41 to remain open to traffic during construction. However, a detour will be required for CR 122/Old Highway 41 for approximately two weeks while the existing SR 3/US 41 Bridge is being demolished. The total length of the proposed detour is about 1 mile.

Concept Approval Date: August 20, 2012

Concept Update: There are no updates to the project concept.

Environmental Document:

Document Type: Categorical Exclusion Approval Date: 5/31/2016

~~Temporary State Route Needed:~~ No Yes Undetermined *N/A DRP*

Public Involvement: PDOH March 24, 2016, Time: 5:00 pm-7:00 pm, Setup Time: 4:00 pm-4:30 pm, at Living Way Community Center, 118 East George Street, Adairsville, GA, 30103.

A total of 16 people attended the open house. Of the 3 respondents who formally commented, 1 was in support of the project, and 2 were opposed.

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

Recommendations: It is recommended that the location and design for the project be approved and that the attached Notice be approved for advertising.

Concur: *Heidi Patel*

GDOT Director of Engineering

Approve: *Margaret B. Pahlsson* *06/09/16*

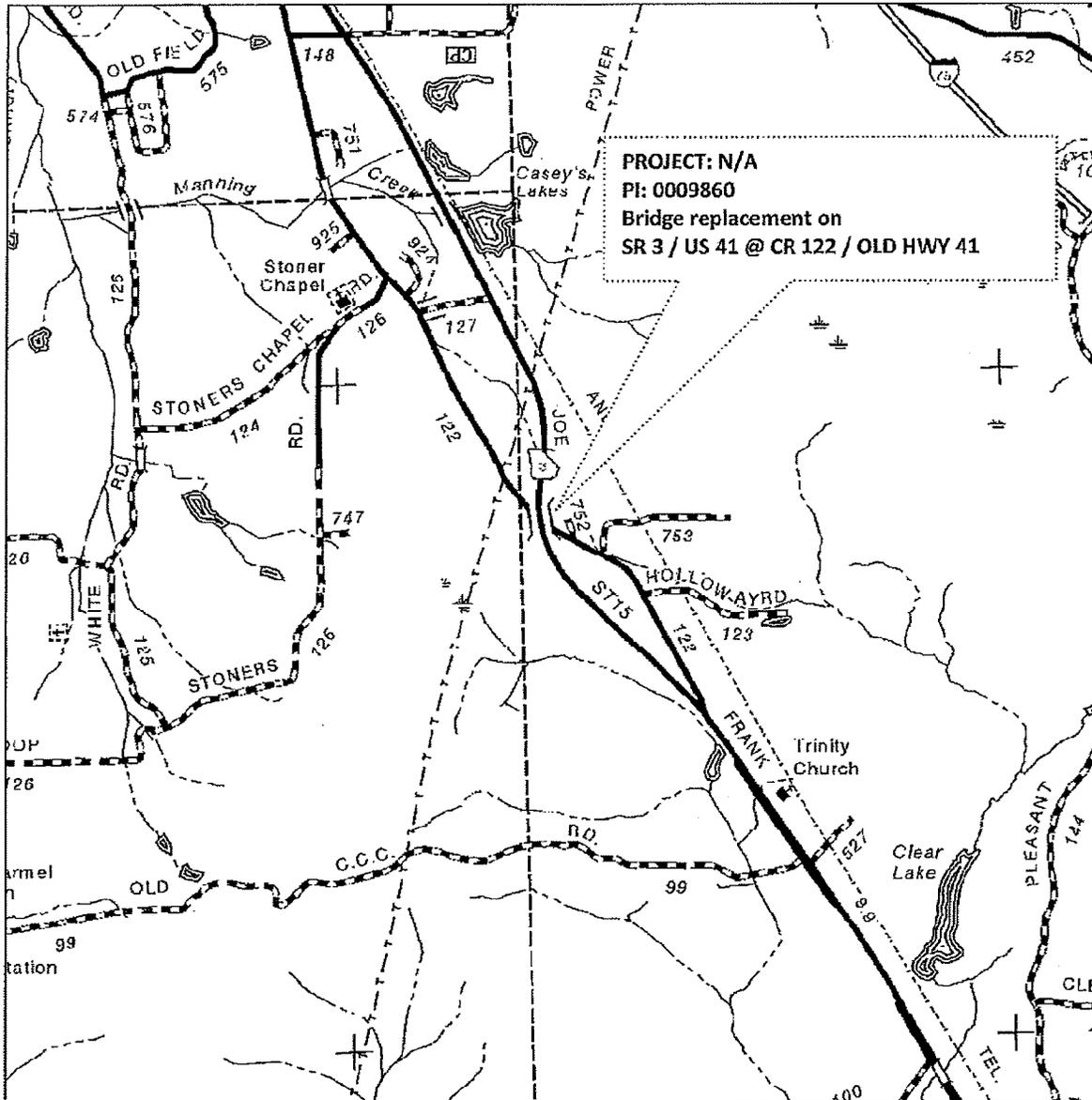
GDOT Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: June 13, 2016

Attachments:

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

PROJECT LOCATION



DETAILED COST ESTIMATE



Job: 0009860

JOB NUMBER: 0009860

FED/STATE PROJECT NUMBER

SPEC YEAR: 13

DESCRIPTION: BRIDGE REPLACEMENT ON SR3 / US41 OVER CR 122 / OLD HWY 41

ITEMS FOR JOB 0009860

0010 - ROADWAY

Line Num	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$100,000.00	TRAFFIC CONTROL 0009860	\$100,000.00
0010	153-1300	1.000	EA	\$83,157.23	FIELD ENGINEERS OFFICE TP 3	\$83,157.23
0015	210-0100	1.000	LS	\$376,000.00	GRADING COMPLETE - 0009860	\$376,000.00
0024	318-3000	500.000	TN	\$23.53	AGGR SURF CRS	\$11,765.46
0025	433-1000	160.000	SY	\$176.37	REINF CONC APPROACH SLAB	\$28,219.20
0029	441-0301	1.000	EA	\$1,861.96	CONC SPILLWAY, TP 1	\$1,861.96
0035	550-2160	160.000	LF	\$32.37	SIDE DR PIPE 18,H 1-10	\$5,179.02
0040	550-2300	50.000	LF	\$51.47	SIDE DR PIPE 30,H 1-10	\$2,573.34
0045	550-3418	8.000	EA	\$459.28	SAFETY END SECTION 18,SD,4:1	\$3,674.24
0050	550-3430	2.000	EA	\$800.00	SAFETY END SECTION 30,SD,4:1	\$1,600.00
0055	573-2006	1000.000	LF	\$18.33	LINDDR PIPE INCL DRAIN AGGR 6	\$18,333.37
0059	576-1018	430.000	LF	\$41.51	SLOPE DRAIN PIPE, 18 IN	\$17,849.68
0060	634-1200	5.000	EA	\$104.12	RIGHT OF WAY MARKERS	\$520.60
0065	641-1100	262.000	LF	\$52.63	GUARDRAIL, TP T	\$13,789.06
0070	641-1200	690.000	LF	\$17.04	CUARDRAIL, TP W	\$11,757.60
0080	641-5012	6.000	EA	\$1,870.74	GUARDRAIL ANCHORAGE, TP 12	\$11,224.44
SUBTOTAL FOR ROADWAY:						\$687,505.20

0020 - PAVEMENT

Line Num	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0085	310-1101	3490.000	TN	\$18.47	GR AGGR BASE CRS, INCL MATL	\$64,460.30
0090	402-1812	120.000	TN	\$97.79	RECYL AC LEVELING, INC BM&HL	\$11,734.45
0100	402-3103	810.000	TN	\$85.92	REC AC 9.5 MM SP, TPII, GP2, INCL BM & H L	\$69,592.47
0095	402-3121	1420.000	TN	\$82.16	RECYL AC 25MM SP, GP1/2, BM&HL	\$116,669.17
0105	402-3190	850.000	TN	\$73.45	RECYL AC 19 MM SP, GP 1 OR 2, INC BM&HL	\$62,432.50
0215	413-0750	670.000	GL	\$2.50	TACK COAT	\$1,675.00
SUBTOTAL FOR PAVEMENT:						\$326,563.89

0030 - SIGNING & MARKING

Line Num	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0115	636-1033	55.000	SF	\$20.92	HWY SIGNS, TP1MAT, REFL SH TP 9	\$1,150.33
0120	636-2070	104.000	LF	\$8.53	GALV STEEL POSTS, TP 7	\$887.60
0125	653-1501	6775.000	LF	\$0.57	THERMO SOLID TRAF ST 5 IN, WHI	\$3,861.75
0130	653-1502	5817.000	LF	\$0.61	THERMO SOL ID TRAF ST, 5 IN YEL	\$3,548.37
0135	653-3501	997.000	GL	\$0.31	THERMO SKIP TRAF ST, 5 IN, WHI	\$307.65
0139	654 1001	38.000	EA	\$4.11	RAISED PVMT MARKERS TP 1	\$156.12
0140	657-1084	466.000	LF	\$6.25	PRF PL SD PVMT MKG, 8, WH, TP PB	\$2,912.50
0145	657-1005	466.000	LF	\$5.80	PRF PL SD PVT MKG, 8, BW, TP PB	\$2,702.00
SUBTOTAL FOR SIGNING & MARKING:						\$15,527.34

0040 - BRIDGE REPLACEMENT

Line Num	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0150	540-1102	1.000	LS	\$72,366.36	REM OF EX BR, BR NO - 0009860	\$72,366.36
0155	543-9000	1.000	LS	\$1,254,000.00	CONSTR OF BRIDGE COMPLETE - 0009860	\$1,254,000.00
SUBTOTAL FOR BRIDGE REPLACEMENT:						\$1,326,366.36

DETAILED COST ESTIMATE



Job: 0009860

0050 - EROSION CONTROL

Line Num	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0160	163-0232	4.000	AC	\$290.95	TEMPORARY GRASSING	\$1,163.80
0165	163-0240	201.000	TN	\$265.45	MULCH	\$53,556.45
0170	163-0300	4.000	EA	\$1,164.94	CONSTRUCTION EXIT	\$4,659.76
0173	163-0528	2100.000	LF	\$4.75	CONSTR AND REM FAB CK DAM - TP C SLT FN	\$9,980.31
0174	163-0529	700.000	LF	\$5.03	CNST/REM TEMP SED BAR OR BLD STRW CK DM	\$3,520.48
0175	165-0030	950.000	LF	\$0.70	MAINT OF TEMP SILT FENCE, TP C	\$665.00
0178	165-0041	1050.000	LF	\$4.30	MAINT OF CHECK DAMS - ALL TYPES	\$4,510.07
0179	165-0071	350.000	LF	\$0.52	MAINT OF SEDIMENT BARRIER - BALED STRAW	\$183.03
0180	165-0101	2.000	EA	\$460.40	MAINT OF CONST EXIT	\$920.80
0185	167-1000	2.000	EA	\$309.15	WATER QUALITY MONITORING AND SAMPLING	\$618.30
0190	167-1500	19.000	MO	\$566.95	WATER QUALITY INSPECTIONS	\$10,565.10
0195	171-0030	1900.000	LF	\$2.77	TEMPORARY SILT FENCE, TYPE C	\$5,263.00
0200	700-6910	7.000	AC	\$729.40	PERMANENT GRASSING	\$5,105.80
0205	700-7000	21.000	TN	\$87.55	AGRICULTURAL LIME	\$1,838.45
0209	700-8000	7.000	TN	\$549.37	FERTILIZER MIXED GRADE	\$3,845.56
0210	716-2000	27100.000	SY	\$0.97	EROSION CONTROL MATS, SLOPES	\$26,287.00
SUBTOTAL FOR EROSION CONTROL:						\$132,682.91

TOTALS FOR JOB 0009860

ITEMS COST:	\$2,488,647.70
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$2,488,647.70
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.00
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$2,488,647.70

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE N/A, Bartow Co. OFFICE Cartersville
Bridge Replacement
SR 3 @ Old Hwy. 41 DATE July 7, 2015
P.I. No. 0009860

 FROM Kerry D. Bonner, District Utilities Engineer

TO Cynthia Burney, P.E., Program Manager

SUBJECT UPDATED PRELIMINARY UTILITY COST ESTIMATE

As requested by your office, we are furnishing you with an Updated Preliminary Utility Cost estimate for each utility with facilities potentially located within the project limits.

FACILITY OWNER	NON-REIMBURSABLE	REIMBURSABLE
Bartow County Water*	No Conflict	
Georgia Power Company – Dist.		\$ 126,000.00
AT&T – Georgia	No Conflict	
Comcast	\$ 15,750.00	
City of Adairsville*	\$ 115,500.00	
Totals	\$ 131,250.00	\$126,000.00

Total utility cost for the above project is \$257,250.00

*The reimbursable costs could increase to \$241,500.00 if the City of Adairsville were to apply for and be granted assistance.

If you have any questions, please contact Stan McCarley 678-721-5324.

KDB/sm

C: File

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE Project No. NA **OFFICE** Right of Way
P.I. No. 0009860 County Bartow
SR 3 @ CR 122/Old Hwy 41 Approx. 4 miles S. of Adairsville

DATE 8/26/2014

FROM Howard P. Copeland, Right of Way Administrator

TO Cynthia Burney, Project Manager

SUBJECT Cost Estimates **Mgmt LET Date: 9/15/2015**
Mgmt R/W Date: 4/15/2014

Attached is a current detailed cost estimate that we received that will be utilized for Right of Way authorization.

ROW Phase: 2014	\$347,015.01
Attached Cost Estimate	\$230,000.00

Right of Way funding cannot be requested until the cost estimate has been approved by the Chief Engineer.

Timely submission of the cost estimate and timely approval notification is critical to maintaining the Right of Way authorization schedule. If you have any questions please call Floyd J. Williams at 404-347-0191.

NOTICE OF LOCATION AND DESIGN APPROVAL
Bartow County
P. I. 0009860

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: June 13, 2016

This project proposes to replace the existing bridge on State Route (SR) 3/US 41 over County Road (CR) 122/Old Highway 41. The new bridge will be constructed directly adjacent to the existing bridge on the eastern side of SR 3/US 41. This will allow SR 3/US 41 to remain open to traffic during construction. However, a detour will be required for CR 122/Old Highway 41 for approximately two weeks while the existing SR 3/US 41 Bridge is being demolished. The total length of the proposed detour is about 1 mile.

The project is in Land Lot 46 of Land District 16 and Land Lots 4 & 5 of Land District 5.

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:

Keith Day, Assistant Area Engineer
District 6, Area 1
kday@dot.ga.gov
874 Peebles Valley Road, N.W.
Cartersville, Georgia 30120
Telephone (770) 387-3979

3680 DAP

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 Administrator
Attn: Steve Adewale, Project Manager
sadewale@dot.ga.gov
600 West Peachtree Street NW, 25th Floor
Atlanta, GA 30308
Telephone (404) 631-1583

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.