

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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

**FILE** P.I. #0002425 **OFFICE** Design Policy & Support  
BR000-0002-00(425)  
Telfair County  
GDOT District 5 - Jesup **DATE** March 10, 2015  
Bridge Replacement - SR31/US319/US441 @  
Turnpike Creek, 5.3 mi South of McRae

**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:**

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  
Andrew Heath, State Traffic Engineer  
Angela Robinson, Financial Management Administrator  
Lisa Myers, State Project Review Engineer  
Andy Casey, State Roadway Design Engineer  
Richard Cobb, Location Bureau Chief  
Karon Ivery, District Engineer  
William Murphy, District Preconstruction Engineer  
Troy Pittman, District Design Engineer  
Derek Edenfield, District Planning & Programming Engineer  
Anthony Cook, Area Engineer - D5, A1  
Aghdas Ghazi, Project Manager  
BOARD MEMBER - 8th Congressional District

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

---

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. Number: 0002425, Telfair  
SR 31/US 319/US 441 @Turnpike Creek  
5.3 miles south of McRae

OFFICE Program Delivery

DATE February 23, 2015

*Albert Shelby*

FROM Albert V. Shelby, State Program Delivery Engineer

TO Brent Story, P.E., Design Policy & Support Administrator  
Attention: Dave Peters, State Conceptual Design Group Manager

SUBJECT **Request for Location and Design Approval**

**Description and Project Proposal:** This project is approximately 0.502 miles in length and is located on SR 31 in Telfair County, 5.3 miles south of McRae, Georgia. The new bridge will be constructed on a new alignment parallel to the existing bridge. The project will begin approximately 1200' south and approximately 1200' north of existing bridge ends. Traffic will be maintained by using the current bridge until the new bridge has been completed.

**Concept Approval Date:** February 26, 2013

**Concept Update:** None

**Environmental Document:**

Document Type: Categorical Exclusion

Approval Date: 2/11/2015

**Public Involvement:** None

**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.

RECOMMEND: *She Bow* *3/9/2015*  
Director of Engineering Date

APPROVE: *Mary B. Puckett* <sup>by PD</sup> *3/9/2015*  
Chief Engineer Date

*P.I. Number: 0002425, Telfair  
Request for L&D Approval  
February 23, 2015*

DATE OF LOCATION AND DESIGN APPROVAL: \_\_\_\_\_  
(To be entered by the State Conceptual Design Group Manager)

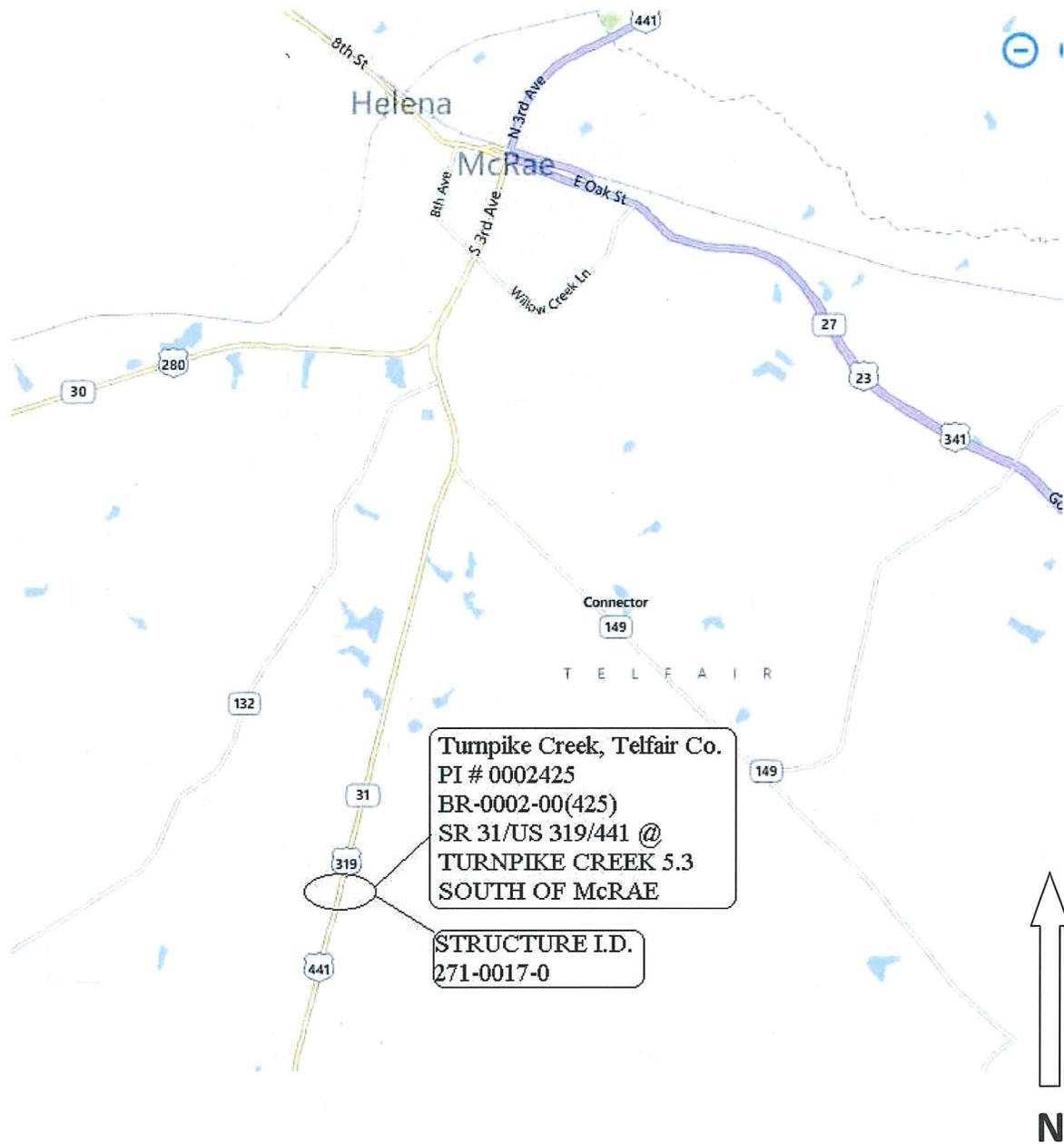
*BWS* *JMB*

AVS: BWS: JMB: ASG

Attachments:

- Project Location Map
- Cost Estimate
- Notice of Location and Design Approval

### PROJECT LOCATION MAP



[Type text]

Processed Date: 9/12/14

### DETAILED COST ESTIMATE



**Job: 0002425**

**JOB NUMBER** 0002425

**FED/STATE PROJECT NUMBER** BR-0002-00(425)

**SPEC YEAR:** 01

**DESCRIPTION:** SR 31/US 319/441 @ TURNPIKE CRK 5.3 S OF MCRAE

ITEMS FOR JOB 0002425

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0085	310-5080	12500.000	SY	\$17.20000	GR AGGR BS CRS 8IN INCL MATL	\$215,000.00
0065	402-1812	100.000	TN	\$102.09625	RECYL AC LEVELING,INC BM&HL	\$10,209.93
0090	402-3100	900.000	TN	\$90.38075	REC AC 9.5 MM SP,TPI,GP1ORBL1,INCL BM&HL	\$81,342.68
0075	402-3121	3450.000	TN	\$74.63883	RECYL AC 25MM SP,GP1/2,BM&HL	\$257,503.96
0080	402-3190	1400.000	TN	\$82.79684	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$115,915.58
0060	413-1000	1550.000	GL	\$3.23702	BITUM TACK COAT	\$5,017.38
0015	540-1102	1.000	LS	\$272,160.00000	REM OF EX BR, BR NO - 189*32*45	\$272,160.00
0010	543-9000	1.000	LS	\$735,172.20000	CONSTR OF BRIDGE COMPLETE - 189*43.25*90	\$735,172.20
<b>SUBTOTAL FOR :</b>						<b>\$1,692,321.73</b>

COST GROUP FOR JOB 0002425

LINE NUMBER	UNIT	CALCULATION RULE	QUANTITY	PRICE	COST GROUP ID	DESCRIPTION	AMOUNT
00000004	LF	PCTO	6992.317	\$3.49	DRNGPCTO	DRAINAGE (PERCENT OF JOB)	\$24,403.19
00000005	SY	NORM	70500.000	\$1.51	EROC	EROSION CONTROL (SY)	\$106,376.75
00000008	LF	NORM	600.000	\$42.31	GDRL	GUARDRAIL/BARRIER (LF)	\$25,388.03
00000010	LS	PCTO	6992.317	\$0.13	MISCPCTO	MISCELLANEOUS (PERCENT OF JOB)	\$909.00
00000012	EA	NORM	160.000	\$5.57	RPMK	RAISED PAVEMENT MARKING	\$891.23
00000014	EA	PCTO	6992.317	\$0.19	SIGNPCTO	SIGNS (PERCENT OF JOB)	\$1,328.54
00000016	LS	NORM	1.000	\$230,000.00	TRFT	TRAFFIC CONTROL-TEMPORARY (LS)	\$230,000.00
00000017	LM	NORM	3.000	\$1,744.99	SRTS	STATE ROUTE TRAFFIC STRIPE	\$5,234.97
00000018	CY	NORM	55000.000	\$5.54	ERTHCY	EARTHWORK (CY)	\$304,700.00
<b>SUBTOTAL:</b>							<b>\$699,231.71</b>

TOTALS FOR JOB 0002425

ITEMS COST:	\$1,692,321.73
COST GROUP COST:	\$699,231.71
ESTIMATED COST:	\$2,391,553.44
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.05
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$2,511,131.11

[Type text]

PROJ. NO.	BR-0002-00(425)
P.I. NO.	0002425
DATE	9/12/2014

CALL NO.

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Sep-14	\$ 3.335
DIESEL		\$ 3.765
LIQUID AC		\$ 618.00

Link to Fuel and AC Index:

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

**LIQUID AC ADJUSTMENTS**

PA=[((APM-APL)/APL)]xTMTxAPL

Asphalt

Price Adjustment (PA)				108459	\$	108,459.00
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	988.80		
Monthly Asphalt Cement Price month project let (APL)			\$	618.00		
<b>Total Monthly Tonnage of asphalt cement (TMT)</b>				<b>292.5</b>		

ASPHALT	Tons	%AC	AC ton
Leveling	100	5.0%	5
12.5 OGFC		5.0%	0
12.5 mm		5.0%	0
9.5 mm SP	900	5.0%	45
25 mm SP	3450	5.0%	172.5
19 mm SP	1400	5.0%	70
	<b>5850</b>		<b>292.5</b>

**BITUMINOUS TACK COAT**

Price Adjustment (PA)				\$ 2,468.57	\$	2,468.57
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	988.80		
Monthly Asphalt Cement Price month project let (APL)			\$	618.00		
<b>Total Monthly Tonnage of asphalt cement (TMT)</b>				<b>6.657406429</b>		

**Bitum Tack**

Gals	gals/ton	tons
1550	232.8234	6.65740643

**BITUMINOUS TACK COAT (surface treatment)**

Price Adjustment (PA)				0	\$	-
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	988.80		
Monthly Asphalt Cement Price month project let (APL)			\$	618.00		
<b>Total Monthly Tonnage of asphalt cement (TMT)</b>				<b>0</b>		

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

<b>TOTAL LIQUID AC ADJUSTMENT</b>		\$	<b>110,927.57</b>
-----------------------------------	--	----	-------------------

[Type text]

GEORGIA DEPARTMENT OF TRANSPORTATION  
PRELIMINARY ROW COST ESTIMATE SUMMARY

Date: 9/18/2014 Project: Telfair County  
Revised: County: Alternate 1  
PI: 0002425

Description: Bridge Replacement  
Project Termini: Bridge Replacement

Existing ROW: Varies  
Required ROW: Varies

Parcels: 2

Land and Improvements \$292,500.00

Proximity Damage \$0.00  
Consequential Damage \$0.00  
Cost to Cures \$0.00  
Trade Fixtures \$0.00  
Improvements \$20,000.00

Valuation Services \$2,000.00

Legal Services \$38,850.00

Relocation \$4,000.00

Demolition \$0.00

Administrative \$21,500.00

TOTAL ESTIMATED COSTS \$358,850.00

**TOTAL ESTIMATED COSTS (ROUNDED) \$359,000.00**

Preparation Credits	Hours	Signature

Prepared By:  
Approved By:

CG#:286999 09/18/2014(ATE)  
CG#: 286999 09/18/2014(ATE)

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

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

FILE BR000-0002-00(425), Telfair  
P.I. # 0002425

OFFICE District 5, Jesup  
DATE July 01, 2014

FROM Dallory Rozier, District Utilities Engineer

TO Aghdas Ghazi, Project Manager

SUBJECT UPDATED UTILITY COST (ESTIMATE)

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

Facility Owner	Non-Reimbursable	Reimbursable	Comments
Windstream		\$38,250.00	
Little Ocmulgee EMC		\$63,000.00	
United States Geological Survey	\$15,000.00		
Mediacom	\$38,250.00		Utility added 6-24-14
Totals	\$53,250.00	\$101,250.00	
Total Reimbursement		\$101,250.00	

CC: Mike Bolden, State Utilities Engineer

Lee Upkins, Assistant State Utilities Engineer

District Office File

Utilities Office File

**NOTICE OF LOCATION AND DESIGN APPROVAL**  
**TELFAIR COUNTY**  
**P.I. NO.: 0002425**

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 approval is March 10, 2015

This project is approximately 0.502 miles in length and is located on SR 31 in Telfair County, 5.3 miles S of McRae, Georgia. The new bridge will be constructed on a new alignment parallel to the existing bridge. The project will begin approximately 1200' feet south and approximately 1200' north of existing bridge ends. Traffic will be maintained by using the current bridge until the new bridge has been completed. The project is located in Land District 7.

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:

Anthony Cook, District 5 Area 1 Engineer  
740 Oakdale Circle  
Baxley, Georgia 31513  
acook@dot.ga.gov  
912-366-1090

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and submitting a written request to:

Albert V Shelby, State Program Delivery Engineer  
Georgia Department of Transportation  
Office of Program Delivery 25<sup>th</sup> Floor  
600 West Peachtree Street NW  
Atlanta, Georgia 30308  
[ashelby@dot.ga.gov](mailto:ashelby@dot.ga.gov)  
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.