

ORIGINAL TO GENERAL FILES

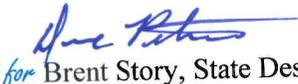
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. #0006431
CSSTP-0006-00(431)
GDOT District 2 - Tennille
Richmond County
SR 56 from Bennock Mill Road to
Old Waynesboro Road

OFFICE Design Policy & Support

DATE April 19, 2011

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:

Genetha Rice-Singleton, Program Control Administrator
Ron Wishon, State Project Review Engineer
Phil Copeland, State Right-of-Way Administrator
Glenn Bowman, State Environmental Administrator
Bobby Hilliard, State Program Delivery Engineer
Kathy Zahul, State Traffic Engineer
Cindy VanDyke, State Transportation Planning Administrator
Ben Rabun, State Bridge Engineer
Angela Robinson, Financial Management Administrator
Michael Keene, Area Engineer - D2, A4
Vonda Everett, District Planning & Programming Engineer
George Brewer, District Preconstruction Engineer
Jimmy Smith, District Engineer
Robert Murphy, Project Manager
BOARD MEMBER - 12th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE CSSTP-0006-00(431) Richmond County **OFFICE** Program Delivery
P.I. # 0006431
SR56 from Bennock Mill to SR56 Spur **DATE** April 15th, 2011

FROM Bobby Hilliard, P.E., State Program Delivery Engineer

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

SUBJECT Request for Location and Design Approval

Description and Project Proposal: Project CSSTP-0006-00(431) involves the widening and reconstruction of SR56 to include four, 12-foot travel lanes (two in each direction), a 22-foot raised center median, and 10-foot shoulders, with 6.5 feet being paved and the balance grassed, from Bennock Mill Road to a point approximately 930 feet north of Old Waynesboro Road, for a total distance of approximately 4.68 miles. The existing SR56 bridges over Spirit Creek and Little Spirit Creek would also be replaced to accommodate the proposed improvements. The bridge over Spirit Creek would also be adding an additional 12 feet to provide a right turn lane to Brown Road. The proposed improvements also include the realignment of Country Place Drive to intersect SR56 at a common intersection with Pineview Drive, a new traffic signal at the Doug Bernard Parkway intersection, signal timing, shoulder, and drainage improvements where necessary. The project limits will begin at milepost 5.30 and will end at milepost 10.05 on SR56.

Concept Approval Date: The original project concept report for this project was approved on April 15th, 2008.

Concept Update: The Revised Concept will reduce the concrete median from 24 feet to 22 feet and replace both bridges over Sprit Creek and Little Spirit. The Bridge over Spirit Creek will add 12 feet for a right turn lane on to Brown Road.

Environmental Assessment and Reassessment Approval Date: A Categorical Exclusion (CE) document was prepared for this project and was approved by FHWA on April 15th 2011.

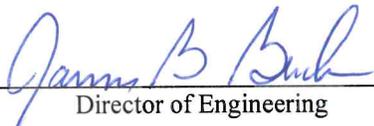
Public Involvement: A Public Information Open House was held from 5:00 p.m. to 7:00 p.m. on November 8, 2007 at Gracewood Community Center, 1200 Tobacco Road, Augusta, GA. Signs announcing the meeting were installed along the project corridor

prior to the meeting. The meeting was advertised in the Augusta Chronicle and individual invitation letters were sent to property owners and key stakeholders.

A total of 55 individuals attended the PIOH. Input from the attendees was solicited. From those attending, 12 written comments and six verbal statements were received. Two of the verbal comments were submitted by individuals who also submitted written comments. An additional seven comments were received during the ten-day comment period following the PIOH, for a total of 25 comments, three of which were duplicates; therefore, the total number of comments was 22. Of the comments received, eight people were in favor of the project, three people were opposed of the project, one person was uncommitted, and 10 people expressed conditional support for the project. The major topics of the comments received included right of way and access issues, two-way left turn lane versus the raised median, a signal at Brown Road, and lining up Country Place and Pineview Drive.

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

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

RECOMMEND: 
Director of Engineering

APPROVE:  04/19/2011
Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: 04/19/2011
(To be entered by
State Conceptual Design
Group Manager)

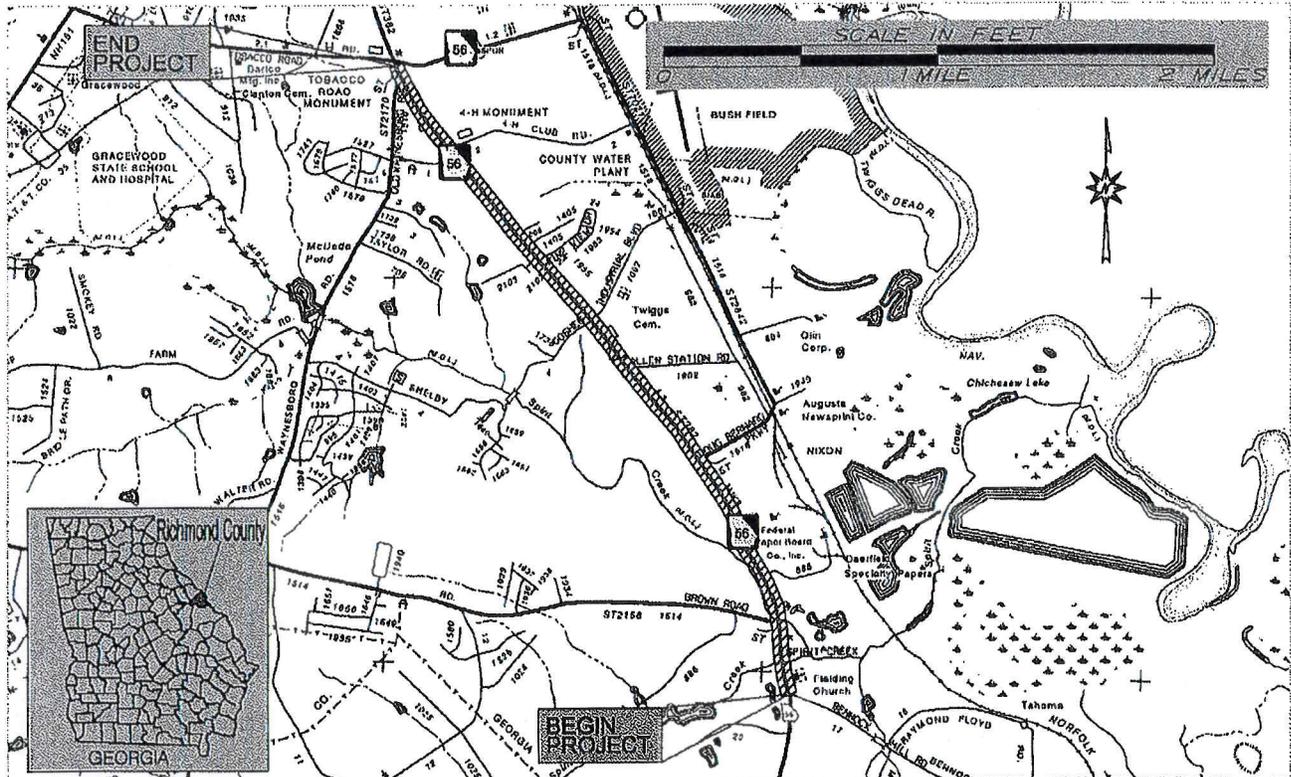
Attachments:

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

Project Number: CSSTP-0006-00(431) PI No.: 0006431

Description: SR56 From CR 17/Bennock Mill Rd to a point located approximately 930-foot north of Old Waynesboro Rd

County: Richmond County



SR 56 FROM BENNOCK MILL ROAD NORTH
TO A POINT LOCATED 930 FEET NORTH OF
OLD WAYNESBORO ROAD

PROJECT LOCATION MAP
RICHMOND COUNTY

PROJECT CSSTP-0096-00(431)/PI No. 0006431
DATE: NOVEMBER 2007

NOTICE OF LOCATION AND DESIGN APPROVAL

CSSTP-00060-00(431), P.I.# 0006431 RICHMOND COUNTY

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 April 19, 2011.

Project CSSTP-00060-00(431) in Richmond County consists of the widening and reconstruction of SR56 from Bennock Mill Road/CR17 to Old Tobacco Road/SR56 Spur to construct a 22-foot raised median. This project will also replace bridges at Little Spirit Creek and Spirit Creek. The project limits will begin at milepost 5.30 and will end at milepost 10.05 on SR56. These improvements will be contained in Georgia Militia Districts 86-2 and 86-6.

The proposed project would involve the widening and reconstruction of SR56 to include four, 12-foot travel lanes (two in each direction), a 22-foot raised center median, and 10-foot shoulders, with 6.5 feet being paved and the balance grassed, from Bennock Mill Road to a point approximately 930 feet north of Old Waynesboro Road, for a total distance of approximately 4.68 miles. The existing SR56 bridges over Spirit Creek and Little Spirit Creek would also be replaced to accommodate the proposed improvements. The bridge over Spirit Creek would also be adding an additional 12 feet to provide a right turn lane to Brown Road. The proposed improvements also include the realignment of Country Place Drive to intersect SR56 at a common intersection with Pineview Drive, a new traffic signal at the Doug Bernard Parkway intersection, signal timing, shoulder, and drainage improvements where necessary. The project limits will begin at milepost 5.30 and will end at milepost 10.05 on SR56.

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:

Mike Keene, Area 4 Engineer
mkeene@dot.ga.gov
4260 Frontage Road
Augusta, GA 30909
(706) 855-3466

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:

Bobby Hilliard, PE
Office of Program Delivery
bhilliard@dot.ga.gov
One Georgia Center
600 West Peachtree Street, NW
Atlanta, GA 30308
(404) 631-1122

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.

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE CSSTP-0006-00(431) Richmond County
P. I. Number 0006431
SR56 from Bennock Mill Road to
Waynesboro Road

OFFICE Program Delivery
DATE 8/09/2010

FROM Michael Haithcock, Transportation Engineer Assistant Administrator, Office of Program Delivery

TO Ronald E. Wishon, Project Review Engineer

SUBJECT REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER Robert Murphy, P.E.

MNGT LET DATE Long Range

MNGT R/W DATE 2012

PROGRAMMED COST (TPro W/OUT INFLATION)

LAST ESTIMATE UPDATE

CONSTRUCTION \$17,067,000.00

DATE 4/21/2008

RIGHT OF WAY \$8,275,000.00

DATE 4/21/2008

UTILITIES \$0.00

REVISED COST ESTIMATES

CONSTRUCTION* \$25,391,828.89

RIGHT OF WAY \$8,275,000.00

UTILITIES** \$0.00

* Costs contain 5% Engineering and Inspection and 4% Construction Contingencies and Fuel and Liquid AC Adjustments.

REASON FOR COST INCREASE Changes due to VE Implementation and Bridge replacement as updated in revised Concept Report.

CONTINGENCY SUMMARY

Construction Cost Estimate:	\$18,777,708.61	(Base Estimate)
Engineering and Inspection:	\$938,885.43	(Base Estimate x 5 %)
Construction Contingency:	\$751,108.34	(Base Estimate x 4 %) (The Construction Contingency is based on the Project Improvement Type in TPro.)
Total Fuel Adjustment	\$1,965,327.53	(From attached worksheet)
Total Liquid AC Adjustment	\$2,958,798.98	(From attached worksheet)
Construction Total:	\$25,391,828.89	
Utility Cost Estimate:	\$0	
Utility Contingency:	\$0	
Utility Total:	\$0	

Attachments

c: Genetha Rice - Singleton, Office of Program Control

Angela Whitworth, Financial Management Administrator

P.I. Number 6431

County Richmond

Project Number CSSTP-0006-00(431)

Special Provision, Section 109-Measurement and Payment
FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)

ENTER FPL DIESEL	2.886
ENTER FPM DIESEL	6.494

ENTER FPL UNLEADED	2.625
ENTER FPM UNLEADED	5.90625

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

INCREASE ADJUSTMENT
125.00%

INCREASE ADJUSTMENT
125.00%

ROADWAY ITEMS	QUANTITY	DIESEL FACTOR	GALLONS DIESEL	UNLEADED FACTOR	GALLONS UNLEADED	REMARKS
Excavations paid as specified by Sections 205 (CUBIC YARD)	172700.000	0.29	50083.00	0.15	25905.00	
Excavations paid as specified by Sections 206 (CUBIC YARD)		0.29		0.15		
GAB paid as specified by the ton under Section 310 (TON)	257359.000	0.29	74634.11	0.24	61766.16	
Hot Mix Asphalt paid as specified by the ton under Sections 400 (TON)		2.90		0.71		
Hot Mix Asphalt paid as specified by the ton under Sections 402 (TON)	104940.000	2.90	304326.00	0.71	74507.40	
PCC Pavement paid as specified by the square yard under Section 430 (SY)		0.25		0.20		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Bridge Excavation (CY) Section 211		32.45		8.00		1.50		
Class __ Concrete (CY) Section 500		493.62		8.00		1.50		
Class __ Concrete (CY) Section 500	186.00	279.62	52.0093	8.00	416.07	1.50	78.01	Class A
Class __ Concrete (CY) Section 500				8.00		1.50		
Superstru Con Class __ (CY) Section 500	919.00	764.88	702.9247	8.00	5623.40	1.50	1054.39	Class AA
Superstru Con Class __ (CY) Section 500				8.00		1.50		
Superstru Con Class __ (CY) Section 500				8.00		1.50		
Concrete Handrail (LF) Section 500				8.00		1.50		
Concrete Barrier (LF) Section 500	636.00	41.46	26.3686	8.00	210.95	1.50	39.55	

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Stru Steel <u>Plan Quantity</u> (LB) Section 501				8.00		1.50		
Stru Steel <u>Plan Quantity</u> (LB) Section 501				8.00		1.50		
PSC Beams____ (LF) Section 507	4650.00	107.27	498.8055	8.00	3990.44	1.50	748.21	TYPE IM
PSC Beams____ (LF) Section 507		173.41		8.00		1.50		
PSC Beams____ (LF) Section 507		195.00		8.00		1.50		
Stru Reinf <u>Plan Quantity</u> (LB) Section 511	210685.00	0.90	189.6165	8.00	1516.93	1.50	284.42	SUPERSTRUCTURE REINF STEEL
Stru Reinf <u>Plan Quantity</u> (LB) Section 511				8.00		1.50		
Bar Reinf Steel (LB) Section 511	22122.00	0.87	19.2461	8.00	153.97	1.50	28.87	
Piling____inch (LF) Section 520	1400.00	67.89	95.0460	8.00	760.37	1.50	142.57	HP 10 X 42
Piling____inch (LF) Section 520	1720.00	48.07	82.6804	8.00	661.44	1.50	124.02	HP 12 X 53
Piling____inch (LF) Section 520		76.47		8.00		1.50		
Piling____inch (LF) Section 520		50.82		8.00		1.50		
Piling____inch (LF) Section 520		50.43		8.00		1.50		
Piling____inch (LF) Section 520		65.78		8.00		1.50		
Drilled Caisson,____ (LF) Section 524				8.00		1.50		
Drilled Caisson,____ (LF) Section 524				8.00		1.50		
Drilled Caisson,____ (LF) Section 524				8.00		1.50		
Pile Encasement,____(LF) Section 547				8.00		1.50		
Pile Encasement,____(LF) Section 547				8.00		1.50		
SUM QF DIESEL=		442376.69		SUM QF UNLEADED=		164678.61		
DIESEL PRICE ADJUSTMENT(\$)					\$1,468,203.99			
UNLEADED PRICE ADJUSTMENT(\$)					\$497,123.54			

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)

APPLICABLE TO CONTRACTS CONTAINING THE 413 SPEC. SECTION 413.5.01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

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

ENTER APL

ENTER APM

Use this side for Asphalt Emulsion Only		
L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)
TMT = <input style="width: 150px;" type="text"/>		
REMARKS: <input style="width: 95%;" type="text"/>		

Use this side for Asphalt Cement Only		
L.I.N.	TYPE	TACK (GALLONS)
TMT = <input style="width: 150px;" type="text"/>		
REMARKS: <input style="width: 95%;" type="text"/>		

ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (<i>ENGLISH 125% MAX</i>)	
DIESEL PRICE ADJUSTMENT(\$)	<u>\$1,468,203.99</u>
UNLEADED PRICE ADJUSTMENT(\$)	<u>\$497,123.54</u>
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	<u>\$75,047.78</u>
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	<u>\$2,883,751.20</u>
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	

REMARKS:

TOTAL ADJUSTMENTS	\$4,924,126.51
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