

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #0008667
CSNHS-0008-00(667)
GDOT District 4 - Tifton
Miller County
SR 1 @ 1 location &
CS 500/Cuthbert St. @ 1 location
Drainage Improvements

OFFICE Design Policy & Support

DATE October 9, 2013

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.

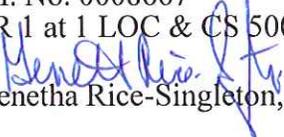
Attachment

DISTRIBUTION:

Bobby Hilliard, Program Control Administrator
Genetha Rice-Singleton, State Program Delivery Engineer
Glenn Bowman, State Environmental Administrator
Kathy Zahul, State Traffic Engineer
Phil Copeland, State Right-of-Way Administrator
Lisa Myers, State Project Review Engineer
Andy Casey, State Roadway Design Engineer
Attn: Clay Bastian, Design Group Manager
Cindy VanDyke, State Transportation Planning Administrator
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Angela Robinson, Financial Management Administrator
Joe Sheffield, District Engineer
Brent Thomas, District Preconstruction Engineer
Shane Pridgen, District Planning & Programming Engineer
Brad Cleveland, Area Engineer - D4, A7
Derrick Brown, Project Manager
BOARD MEMBER - 2nd Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE CSNHS-0008-00(667), Miller County OFFICE Program Delivery
P.I. No. 0008667
SR 1 at 1 LOC & CS 500/Cuthbert St at 1 LOC DATE September 23, 2013
FROM  Genetha Rice-Singleton, State Program Delivery Engineer
TO Brent A. Story, P.E., State Design Policy Engineer
Attn: Dave Peters, P.E., State Conceptual Design Group Manager
SUBJECT Request for Location and Design Approval

Description and Project Proposal

This project will re-construct the existing deficient roadway drainage system of US 27/SR 1 and South Cuthbert Street by using larger and/or dual pipes, and corresponding new drainage structures. The project will begin with the existing inlet in the southeast corner of the Hardees parking lot, approximately 850 ft. northwest of the intersection of US 27/SR 1 and South Cuthbert Street. From this point, the reconstruction proceeds southeast along US 27/SR 1 until reaching South Cuthbert Street. The project continues south along South Cuthbert Street for approximately 2,041 ft. to where the proposed reconstruction ends. The project ends at the existing system outlet on the south side of Sexton Street at the intersection of South Cuthbert Street and Sexton Street. This project is located in Colquitt, Georgia in Miller County. It is in the 13th Land District, Land Lots Nos. 169 & 170 and Georgia Militia District 903. The proposed project length is approximately 0.68 mile.

Concept Approval Date

The concept report was approved on September 14, 2012.

Environmental Document Type & Approval Date

Programmatic Categorical Exclusion approved on August 27, 2013

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.

Recommendations

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

RECOMMEND: *[Signature]* 10-2-13
Director of Engineering

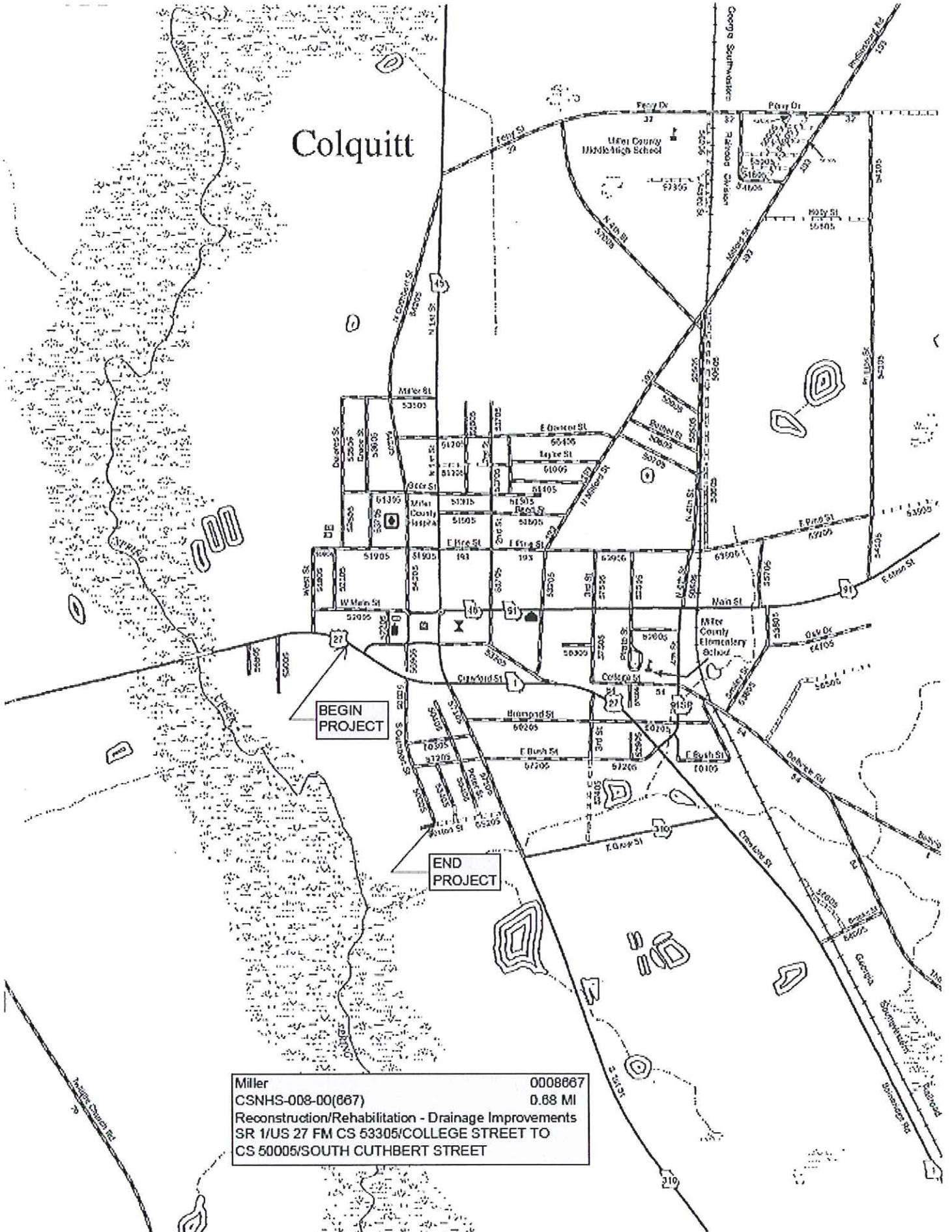
APPROVE: *[Signature]* 10/4/13
Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: October 9, 2013

^{AVS} Attachments:

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

Colquitt



BEGIN PROJECT

END PROJECT

Miller 0008867
CSNHS-008-00(867) 0.68 MI
Reconstruction/Rehabilitation - Drainage Improvements
SR 1/US 27 FM CS 53305/COLLEGE STREET TO
CS 50005/SOUTH CUTHBERT STREET

DETAILED COST ESTIMATE



Job: 0008667

JOB NUMBER: 0008667

FED/STATE PROJECT NUMBER CSNHS-0008-00(667)

SPEC YEAR: 01

DESCRIPTION: US27 / SR1 & SOUTH CUTHBERT STREET DRAINAGE IMPROVEMENTS

ITEMS FOR JOB 0008667

0010 - ROADWAY

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0010	150-1000	1.000	LS	\$40,000.00000	TRAFFIC CONTROL - CSNHS-0008-00(667)	\$40,000.00
1785	210-0100	1.000	LS	\$201,187.50000	GRADING COMPLETE - CSNHS-0008-00(667)	\$201,187.50
1985	310-1101	984.000	TN	\$21.05635	GR AGGR BASE CRS, INCL MATL	\$20,719.45
1990	402-3121	261.000	TN	\$57.70641	RECYL AC 25MM SP,GP1/2,BM&HL	\$15,061.37
0070	402-3130	724.000	TN	\$77.92670	RECYL AC 12.5MM SP,GP2,BM&HL	\$56,416.93
0080	402-3190	1133.000	TN	\$59.61000	RECYL AC 19 MM SP,GP 1 OR 2 .JNC BM&HL	\$67,538.13
0085	413-1000	506.000	GL	\$2.25000	BITUM TACK COAT	\$1,138.50
0110	441-0104	291.000	SY	\$24.57000	CONC SIDEWALK, 4 IN	\$7,149.87
0124	441-4020	33.000	SY	\$38.44061	CONC VALLEY GUTTER, 8 IN	\$1,202.54
0125	441-4030	95.000	SY	\$41.28000	CONC VALLEY GUTTER, 8 IN	\$3,919.70
0130	441-5002	110.000	LF	\$9.88000	CONC HEADER CURB, 6", TP 2	\$1,097.80
0135	441-8222	767.000	LF	\$12.39000	CONC CURB & GUTTER/ 8"X30"TP2	\$9,503.13
1980	444-1000	1233.000	LF	\$4.49049	SAWED JTS IN EXIST PVMTS - PCC	\$5,538.77
2025	522-1000	1.000	LS		SHORING	
1910	700-9300	3297.000	SY	\$3.50000	SOD	\$11,539.50
SUBTOTAL FOR ROADWAY:						\$442,013.19

0020 - DRAINAGE

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0255	550-1180	1289.000	LF	\$38.28000	STM DR PIPE 18",H 1-10	\$49,342.92
0265	550-1240	478.000	LF	\$57.82000	STM DR PIPE 24",H 1-10	\$27,637.96
0270	550-1300	1338.000	LF	\$58.74000	STM DR PIPE 30",H 1-10	\$75,918.12
1950	603-2038	63.000	SY	\$66.83723	STN DUMPED RIP RAP, TP 1, 36"	\$4,210.75
0320	603-7000	63.000	SY	\$3.05000	PLASTIC FILTER FABRIC	\$192.15
0335	688-1100	1.000	EA	\$2,100.00000	CATCH BASIN, GP 1	\$2,100.00
1960	688-1105	11.000	EA	\$2,488.33888	CATCH BASIN, GP 1, SPCL DES	\$27,371.74
1964	688-1115	6.000	LF	\$167.86598	CATCH BASIN,GP 1,A DEP,SP DES	\$1,007.20
1965	688-2100	15.000	EA	\$2,101.54051	DROP INLET, GP 1	\$31,523.11
1880	688-2105	2.000	EA	\$2,064.00000	DROP INLET, GP 1, SPCL DES	\$4,128.00
1879	688-2110	3.000	LF	\$168.38948	DROP INLET, GP 1, ADDL DEPTH	\$505.17
0350	688-4300	1.000	EA	\$1,826.00000	STORM SEW MANHOLE, TP 1	\$1,826.00
SUBTOTAL FOR DRAINAGE:						\$226,763.12

0030 - PERMANENT EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
2030	716-2000	3258.000	SY	\$1.53991	EROSION CONTROL MATS, SLOPES	\$5,017.03
SUBTOTAL FOR PERMANENT EROSION CONTROL:						\$5,017.03

0040 - TEMPORARY EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
2015	163-0300	3.000	EA	\$1,111.38138	CONSTRUCTION EXIT	\$3,334.14
0440	163-0550	25.000	EA	\$200.00000	CONS & REM INLET SEDIMENT TRAP	\$5,000.00
0445	165-0010	1095.000	LF	\$1.25000	MAINT OF TEMP SILT FENCE, TP A	\$1,368.75
0450	165-0030	110.000	LF	\$1.50000	MAINT OF TEMP SILT FENCE, TP C	\$165.00
0439	165-0101	3.000	EA	\$434.95140	MAINT OF CONST EXIT	\$1,304.85
0475	165-0105	25.000	EA	\$110.00000	MAINT OF INLET SEDIMENT TRAP	\$2,750.00
0480	167-1000	1.000	EA	\$1,500.00000	WATER QUALITY MONITORING AND SAMPLING	\$1,500.00
0485	167-1500	6.000	MO	\$1,000.00000	WATER QUALITY INSPECTIONS	\$6,000.00
0490	171-0010	2188.000	LF	\$2.35000	TEMPORARY SILT FENCE, TYPE A	\$5,144.15
0495	171-0030	219.000	LF	\$4.00000	TEMPORARY SILT FENCE, TYPE C	\$876.00
2020	643-8200	217.000	LF	\$2.48786	BARRIER FENCE (ORANGE), 4 FT	\$539.87
SUBTOTAL FOR TEMPORARY EROSION CONTROL:						\$27,982.76

DETAILED COST ESTIMATE



Job: 0008667

0050 - SIGNING AND MARKING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0145	448-1100	1028.000	LF	\$0.60000	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	\$615.60
1970	610-9001	8.000	EA	\$64.47987	REM SIGN	\$515.84
1975	611-5551	8.000	EA	\$46.37744	RESET SIGN	\$371.02
2010	653-1502	143.000	LF	\$0.54836	THERMO SOLID TRAF ST, 5 IN YEL	\$78.42
2000	653-3501	143.000	GLF	\$0.38697	THERMO SKIP TRAF ST, 5 IN, WHI	\$55.34
2005	653-3502	143.000	GLF	\$0.30965	THERMO SKIP TRAF ST, 5 IN, YEL	\$44.28
1895	654-1003	6.000	EA	\$4.78308	RAISED PVMT MARKERS TP 3	\$28.58
SUBTOTAL FOR SIGNING AND MARKING:						\$1,709.08

TOTALS FOR JOB 0008667

ITEMS COST:	\$702,485.18
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$702,485.18
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.00
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$702,485.18

PROJ. NO.: CSNHS-0008-00(667)

P.I. NO. 0008667

DATE: 7/15/2013

Base Construction Cost	\$	702,485
E & I	5% \$	35,124
Construction Contingency	\$	-
Subtotal Construction Cost	\$	<u>737,609</u>
Liquid AC Adjustment (50 % cap)	\$	<u>37,091</u>
Total Construction Cost	\$	<u>774,700</u>

CSNHS-0008-00(667)	CALL NO.
0008667	
7/15/2013	

PROJ. NO.

P.I. NO.

DATE

BITUMINOUS TACK COAT (surface treatment)

Price Adjustment (PA) 0 \$
 Monthly Asphalt Cement Price month placed (APM) 60% \$ 915.20
 Monthly Asphalt Cement Price month project let (APL) \$ 572.00
 Total Monthly Tonnage of asphalt cement (TMT) 0

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

TOTAL LIQUID AC ADJUSTMENT \$ 37,090.76

NOTICE OF LOCATION AND DESIGN APPROVAL

Project Number: CSNHS-0008-00(667) Miller County

P.I. Number: 0008667

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 October 9, 2013.

This project will re-construct the existing deficient roadway drainage system of US 27/SR 1 and South Cuthbert Street by using larger and/or dual pipes, and corresponding new drainage structures. All but three of the proposed pipes/structures will be in the same location of the existing pipes/structures being replaced. The project will begin with the existing inlet in the southeast corner of the Hardees parking lot, approximately 850 ft. northwest of the intersection of US 27/SR 1 and South Cuthbert Street. From this point, the reconstruction proceeds southeast along US 27/SR 1 until reaching South Cuthbert Street. From here, the project continues south along South Cuthbert Street for approximately 2041 ft. to where the proposed reconstruction ends. In addition to the work above and to account for increased velocity due to increased pipe size, rip rap will be placed at the system outlet to prevent erosion. The project ends at the existing system outlet on the south side of Sexton Street at the intersection of South Cuthbert Street and Sexton Street. This project is located in Colquitt, Georgia in Miller County. It is in the 13th Land District, Land Lots Nos. 169 & 170 and Georgia Militia District 903. The proposed project length is approximately 0.68 mile.

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:

*William "Brad" Cleveland
bcleveland@dot.ga.gov
734 West Crawford Street
Donalsonville, GA 39845-1336
(229) 524-5760*

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:

*Genetha Rice-Singleton
Office of Program Delivery
grice-singleton@dot.ga.gov
600 West Peachtree Street
Atlanta, Georgia 30308
(404) 631-1522*

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.