

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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

**FILE** P.I. #0007666 **OFFICE** Design Policy & Support  
CSSTP-0007-00(666)  
GDOT District 5 - Jesup  
Charlton County **DATE** December 30, 2013  
SR 4 from Bay Street to Main Street &  
SR 23 from Magnolia Street to Main Street  
Drainage Improvements in Folkston

**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:

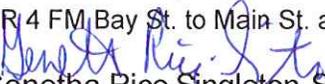
Bobby Hilliard, Program Control Administrator  
Genetha Rice-Singleton, State Program Delivery Engineer  
Glenn Bowman, State Environmental Administrator  
Kathy Zahul, State Traffic Engineer  
Phil Copeland, State Right-of-Way Administrator  
Lisa Myers, State Project Review Engineer  
Andy Casey, State Roadway Design Engineer  
Attn: Clay Bastian  
Cindy VanDyke, State Transportation Planning Administrator  
Jeff Fletcher, Location Bureau Chief  
Angela Robinson, Financial Management Administrator  
Karon Ivery, District Engineer  
Will Murphy, District Preconstruction Engineer  
Maggie Yoder, District Planning & Programming Engineer  
Jack Walker, Area Engineer - D5, A2  
Robert Murphy, Project Manager  
BOARD MEMBER - 1st Congressional District

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTEROFFICE CORRESPONDENCE  
LOCATION AND DESIGN REPORT**

**FILE** P.I.#0007666 Charlton County **Office** Program Delivery  
CSSTP-0007-00(666)  
SR 4 FM Bay St. to Main St. and SR 23 to Main St. **Date** December 20 2013

**FROM**   
Genetha Rice Singleton State Program Delivery Engineer

**TO** Brent Story P.E. State Design Policy Engineer  
Attn: Mr. Dave Peters

**SUBJECT** Request for Location and Design Approval

**Description and Project Proposal:** The project consists of improving the insufficient storm drain systems that allow excess water to pond on the existing roadways during significant rainfall events along SR 4/US 301 from CS 417/Bay Street to CS 462/Main Street and along SR 23 CS 428/Magnolia Street to CS 462/Main Street within the Folkston city limits. To alleviate the problem, existing drainage structures will be replaced, and additional drainage structures will be added to capture more of the pavement drainage in order to reduce gutter spread. The project length located in Georgia Military District 32, along SR 4/US 301 is approximately 0.53 miles from milepost 3.87 to milepost 4.24 and the project length along SR23 is approximately 0.33 miles from milepost 35.49 to milepost 35.82.

Concept Approval Date April 2012

Concept Update N/A

Environmental: Document Type: Programmatic Categorical Exclusion

Approval Date: October 9th 2013

Temporary State Route Needed: X No                      Yes                      Undetermined

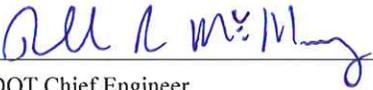
Public Involvement: This project is minor and no Public Involvement was required

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:**   
GDOT Director of Engineering

12/20/2013  
Date

**Approve:**   
GDOT Chief Engineer

12/26/13  
Date

Date of Location and Design Approval:

December 30, 2013  
(To be entered by State Conceptual Design Group Manager)

**Attachments:**

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

# NOTICE OF LOCATION AND DESIGN APPROVAL

**CSSTP-0007-00(666) Charlton County**

**P.I. #0007666**

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: December 30, 2013.

The project consists of improving the insufficient storm drain systems that allow excess water to pond on the existing roadways during significant rainfall events along SR 4/US 301 from CS 417/Bay Street to CS 462/Main Street and along SR 23 CS 428/Magnolia Street to CS 462/Main Street within the Folkston city limits. This project is located in Georgia Military District 32 (GMD).

To alleviate the problem, existing drainage structures will be replaced, and additional drainage structures will be added to capture more of the pavement drainage in order to reduce gutter spread. The project length along SR 4/US 301 is approximately 0.53 miles from milepost 3.87 to milepost 4.24 and the project length along SR 23 is approximately 0.33 miles from milepost 35.49 to milepost 35.82.

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:

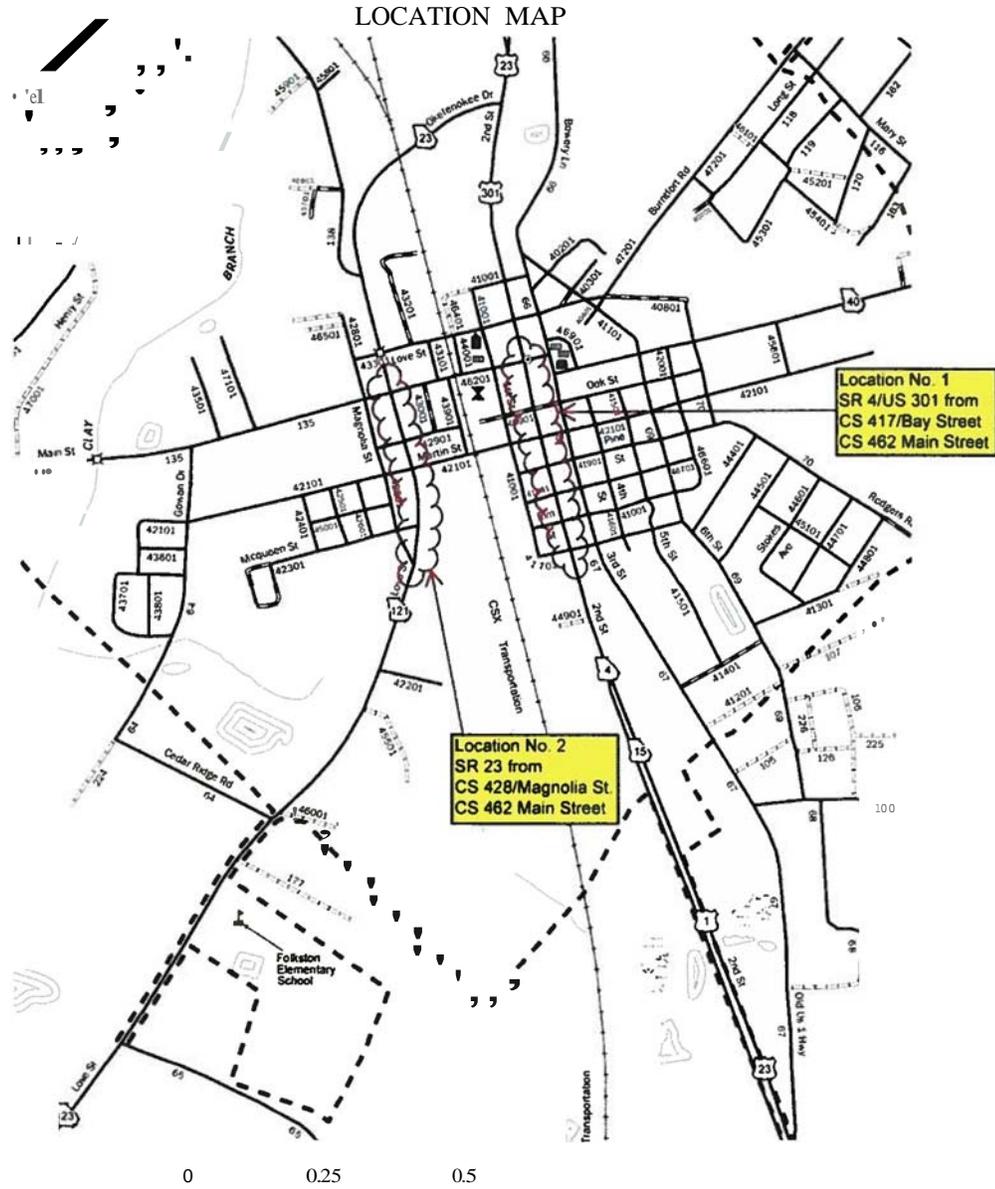
Area Engineer's Name :**Jack Walker**  
E-mail Address [jacwalker@dot.ga.gov](mailto:jacwalker@dot.ga.gov)  
Street Address 104 North Nichols Street Waycross Ga. 31501  
Telephone number (912) 285-6009

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 State Program Delivery Engineer  
Program Delivery  
Attn: **Robert P. Murphy**  
E-mail Address: [romurphy@dot.ga.gov](mailto:romurphy@dot.ga.gov)  
Mailing Address: 600 West Peachtree Street NW 25th Fl. Atlanta Ga. 30308  
Telephone number: 404-631-1586

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.

### PROJECT LOCATION



SCALE IN MILES (1" = 1/4 mile) for ALL INSETS

CSSTP-0007-00(666) P.I. # 0007666 Charlton County  
SR 4/US 301 @ Main St. & SR 23 @ Main St. in Folkston  
Drainage Improvement Project

# DETAILED COST ESTIMATE



**Job: 0007666**

**0120 - BRIDGE CULVERT ITEMS**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0149	207-0203	313.000	CY	\$36.76314	FOUND BK/FILL MATL, TP II	\$12,129.73
0150	500-3101	475.000	CY	\$426.87732	CLASS A CONCRETE	\$202,766.73
0155	511-1000	81864.000	LB	\$0.70960	BAR REINF STEEL	\$58,083.60
<b>SUBTOTAL FOR BRIDGE CULVERT ITEMS:</b>						<b>\$272,980.06</b>

**0130 - EROSION CONTROL - TEMPORARY**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0160	163-0240	10.000	TN	\$209.54470	MULCH	\$2,095.46
0165	163-0527	8.000	EA	\$266.23364	CNST/REM RIP RAP CKDM,STN P RIPRAP/STN BG	\$2,145.87
0170	163-0528	700.000	LF	\$3.56898	CONSTR AND REM FAB CK DAM -TP C SLT FN	\$2,498.87
0174	163-0529	7000.000	LF	\$2.93691	CNST/REM TEMP SED BAR OR BLD STRW CK DM	\$20,558.37
0175	163-0650	76.000	EA	\$129.59743	CONS & REM INLET SEDIMENT TRAP	\$9,849.40
0180	165-0020	3500.000	LF	\$0.94495	MAINT OF TEMP SILT FENCE, TP B	\$3,307.33
0185	165-0030	350.000	LF	\$0.44917	MAINT OF TEMP SILT FENCE, TP C	\$157.21
0190	165-0041	160.000	LF	\$0.99115	MAINT OF CHECK DAMS - ALL TYPES	\$158.58
0195	165-0105	76.000	EA	\$31.87977	MAINT OF INLET SEDIMENT TRAP	\$2,422.86
<b>SUBTOTAL FOR EROSION CONTROL - TEMPORARY:</b>						<b>\$43,191.94</b>

**0140 - EROSION CONTROL - PERMANENT**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0210	603-2024	75.000	SY	\$60.58320	STN DUMPED RIP RAP, TP 1, 24"	\$4,544.49
0215	603-7000	75.000	SY	\$4.66266	PLASTIC FILTER FABRIC	\$349.72
0200	700-6910	0.370	AC	\$863.67363	PERMANENT GRASSING	\$326.96
0205	700-8000	0.220	TN	\$499.52770	FERTILIZER MIXED GRADE	\$109.90
<b>SUBTOTAL FOR EROSION CONTROL - PERMANENT:</b>						<b>\$5,331.07</b>

**COST GROUP FOR JOB 0007666**

LINE NUMBER	UNIT	CALCULATION RULE	QUANTITY	PRICE	COST GROUP ID	DESCRIPTION	AMOUNT
00000001	TN	NORM			ASPH	ASPHALT (TN)	
00000002	TN	NORM			BASE	BASE/AGGREGATE (TN)	
00000003	CY	NORM			ERTHCY	EARTHWORK (CY)	
00000004	TN	NORM			CONC	CONCRETE (SY)	
00000005	SY	NORM			EROC	EROSION CONTROL (SY)	
00000006	SF	NORM			STRO	STRUCTURES, OTHER (SF)	
00000007	LF	NORM			GDRL	GUARDRAIL/BARRIER (LF)	
00000008	LS	NORM			TRFT	TRAFFIC CONTROL-TEMPORARY (LS)	
00000011	LF	NORM			CURB	CURB & GUTTER (LF)	
00000012	LF	NORM			THSL	THERMO PLASTIC LINEAR PAVEMENT MARKING	
<b>SUBTOTAL:</b>							

**TOTALS FOR JOB 0007666**

ITEMS COST:	\$1,400,339.04
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$1,400,339.04
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.05
ESTIMATED COST WITH CONTINGENCY AND EI:	\$1,470,366.99

# DETAILED COST ESTIMATE



Job: 0007666

JOB NUMBER 0007666                      FED/STATE PROJECT NUMBER CSSTP-0007-00(666)

SPEC YEAR: 01

DESCRIPTION: SR 4/US 301 @ CS 462/MAIN ST & SR 23 @ MAIN ST IN FOLKSTON  
CONCEPT - ROUGH COST ESTIMATE

ITEMS FOR JOB 0007666

**0010 - ROADWAY ITEMS**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0145	150-1000	1.000	LS	\$100,000.00000	TRAFFIC CONTROL - 0007666	\$100,000.00
0105	441-0014	500.000	SY	\$21.44248	DRIVEWAY CONCRETE, 4 IN TK	\$10,721.24
0110	441-0016	500.000	SY	\$36.78846	DRIVEWAY CONCRETE, 6 IN TK	\$18,389.23
0115	441-0104	2000.000	SY	\$26.68670	CONC SIDEWALK, 4 IN	\$53,373.40
0125	441-5002	500.000	LF	\$14.31177	CONC HEADER CURB, 6", TP 2	\$7,155.89
0120	441-6022	5000.000	LF	\$25.86328	CONC CURB & GUTTER, 6"X30"TP2	\$129,416.40
0130	444-1000	1200.000	LF	\$3.33508	SAWED JTS IN EXIST PVMTS - PCC	\$4,002.10
0044	600-0001	130.000	CY	\$216.83571	FLOWABLE FILL	\$28,162.64
<b>SUBTOTAL FOR ROADWAY ITEMS:</b>						<b>\$381,230.90</b>

**0020 - PAVEMENT ITEMS**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0010	310-1101	770.000	TN	\$20.80189	GR AGGR BASE CRS, INCL MATL	\$16,017.53
0015	402-3102	105.000	TN	\$81.36117	REC AC 9.5 MM SP,TPH, BL 1 INCL BM & HL	\$8,542.92
0025	402-3121	124.000	TN	\$79.46077	RECYL AC 25MM SP,GP1/2,BM&HL	\$9,853.14
0020	402-3190	171.000	TN	\$78.59370	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$13,439.52
0030	413-1000	62.000	GL	\$3.50000	BITUM TACK COAT	\$217.00
0035	500-3200	200.000	CY	\$300.00000	CL B CONC	\$60,000.00
<b>SUBTOTAL FOR PAVEMENT ITEMS:</b>						<b>\$168,070.11</b>

**0030 - EARTHWORK ITEMS**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0040	210-0100	1.000	LS	\$100,000.00000	GRADING COMPLETE - 0007666	\$100,000.00
<b>SUBTOTAL FOR EARTHWORK ITEMS:</b>						<b>\$100,000.00</b>

**0040 - DRAINAGE ITEMS**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0090	500-3800	8.000	CY	\$863.59349	CL A CONC, INCL REINF STEEL	\$6,911.56
0070	550-1180	3650.000	LF	\$28.22340	STM DR PIPE 18",H 1-10	\$103,015.41
0075	550-1240	1350.000	LF	\$36.83767	STM DR PIPE 24",H 1-10	\$49,560.85
0080	550-1300	1250.000	LF	\$44.78881	STM DR PIPE 30",H 1-10	\$55,986.01
0085	550-1360	2250.000	LF	\$52.01696	STM DR PIPE 36",H 1-10	\$117,038.16
0055	668-1100	57.000	EA	\$2,012.26267	CATCH BASIN, GP 1	\$114,700.88
0056	668-1110	8.000	LF	\$166.06574	CATCH BASIN, GP 1, ADDL DEPTH	\$1,328.53
0060	668-2100	13.000	EA	\$1,770.83333	DROP INLET, GP 1	\$23,020.83
0061	668-2110	9.000	LF	\$175.77190	DROP INLET, GP 1, ADDL DEPTH	\$1,581.95
0065	668-4300	2.000	EA	\$1,848.35714	STORM SEW MANHOLE, TP 1	\$3,296.71
0066	668-4311	1.000	LF	\$176.86616	ST SEW MANHOLE,TP 1A DEP,CL 1	\$176.87
0067	668-6005	1.000	EA	\$3,097.83658	JUNCTION BOX, SPCL DES	\$3,097.84
0069	668-7000	6.000	EA	\$7,121.82667	DRWAY GRATE INLET SP D PIP SZ-	\$42,728.76
<b>SUBTOTAL FOR DRAINAGE ITEMS:</b>						<b>\$619,534.96</b>