

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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

**FILE** P.I. #0008253  
CSSFT-0008-00(253)  
GDOT District 6 - Cartersville  
Walker County  
US 1/SR 27 @ Kay Conley Rd.

**OFFICE** Design Policy & Support

**DATE** February 16, 2012

**FROM** *for [Signature]* 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  
Lisa Myers, Acting 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  
Ken Thompson, State Location Bureau Chief  
Angela Robinson, Financial Management Administrator  
Andy Casey, State Roadway Design Engineer  
Devon Brooks, Area Engineer - D6, A3  
Greg Hood, District Planning & Programming Engineer  
DeWayne Comer, District Preconstruction Engineer  
Kent Sager, District Engineer  
Derrick Cameron, Project Manager  
BOARD MEMBER - 9th Congressional District

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTERDEPARTMENT CORRESPONDENCE**

**FILE** CSSFT-0008-00(253), Walker County **OFFICE** Program Delivery  
P.I. No. 0008253  
SR 1/US 27 @ CR 586/Kay Conley Rd **DATE** January 30, 2012

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

**TO** Brent Story, P.E., State Design Policy Engineer  
Attn: Dave Peters, P.E., State Conceptual Design Group Manager

**SUBJECT** Request for Location Design and Approval

**Description and Project Proposal:**

This project is located in Walker County in the city limits of Rock Springs. Construction will take place on State Route 1/US 27 at the intersection of and Kay Conley Road/CR 586 between mile point 16.85 and 17.00.

The intersection currently operates as a two-way stop control supplemented with flashing beacons. State Route 1/US 27 is currently a five lane road and Kay Conley Road is a two lane road. The project will install a new traffic signal at the intersection of State Route 1/US 27 and Kay Conley Road. A right turn lane will be installed on State Route 1 for eastbound traffic and on Kay Conley Road /CR 720 for northbound traffic.

**Concept Approval Date:** October 20, 2011

**Concept Update:** N/A

**Environmental Document Type, Approval Date:** Programmatic Categorical Exclusion (PCE) was approved December 16, 2011.

**Public Involvement:**

- Time saving procedures for the project are appropriate; therefore, no formal Public Information Meetings or Public Hearing will be required for the project.

**Consistency with Approved Planning:**

The design description as presented herein and submitted for approval is consistent with the approved concept report.

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**Recommendations:** Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

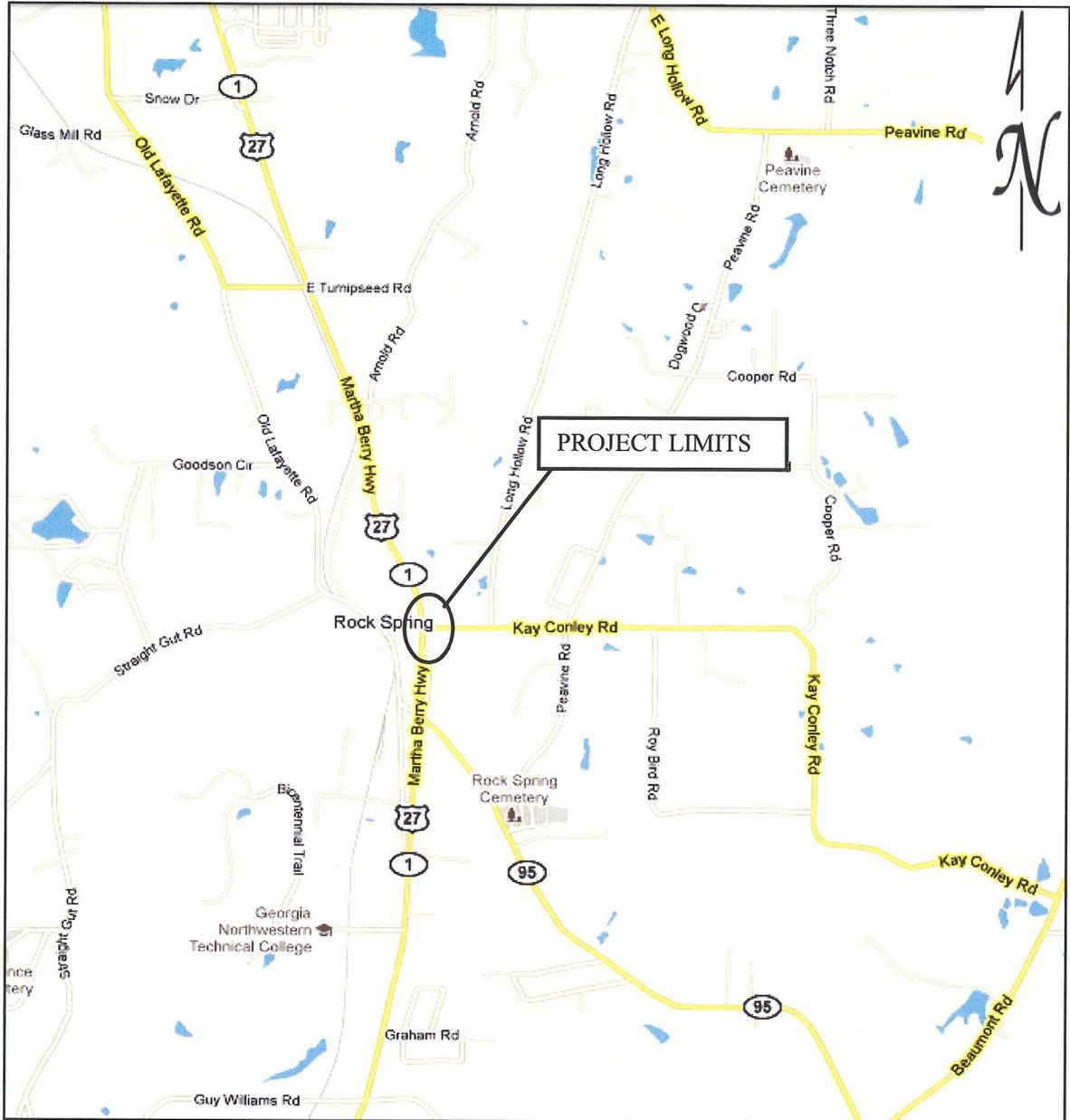
RECOMMEND: Alan R. McWhorter  
Director of Engineering

APPROVE: Deem R. ... 2/14/12  
Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: 2/16/12  
(To be entered by the State Conceptual Design Group Manager)

Attachments:

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



**SKETCH MAP**  
**Project: CSSFT-0008-00(253), Walker County**  
**P.I. No. 0008253**

# DETAILED COST ESTIMATE



**Job: 0008253**

JOB NUMBER: 0008253

FED/STATE PROJECT NUMBER

SPEC YEAR: 01

DESCRIPTION: INTERSECTION IMPROVEMENT-SR 1/US 27 @ CR 586/KAY CONLEY ROAD

## ITEMS FOR JOB 0008253

### 0010 - ROADWAY

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0010	150-1000	1.000	LS	\$100,000.00	TRAFFIC CONTROL - CSSFT-0008-00(253)	\$100,000.00
0020	210-0100	1.000	LS	\$75,000.00	GRADING COMPLETE - CSSFT-0008-00(253)	\$75,000.00
0030	310-5120	946.000	SY	\$32.63	GR AGGR BS CRS 12IN INCL MATL	\$30,871.09
0035	318-3000	155.000	TN	\$20.36	AGGR SURF CRS	\$3,155.92
0039	402-1812	61.000	TN	\$78.98	RECYL AC LEVELING,INC BM&HL	\$4,817.53
0050	402-3103	79.000	TN	\$83.31	REC AC 9.5 MM SP,TPII,GP2, INCL BM & H L	\$6,581.28
0040	402-3121	157.000	TN	\$80.21	RECYL AC 25MM SP,GP1/2,BM&HL	\$12,592.22
0060	402-3190	112.000	TN	\$85.11	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$9,532.42
0070	413-1000	170.000	GL	\$2.25	BITUM TACK COAT	\$382.50
0590	432-5010	300.000	SY	\$7.21	MILL ASPH CONC PVMT,VARB DEPTH	\$2,161.67
0080	441-0108	86.000	SY	\$50.00	CONC SIDEWALK, 8 IN	\$4,300.00
0090	441-6222	448.000	LF	\$23.22	CONC CURB & GUTTER/ 8"X30"TP2	\$10,400.92
0595	444-2000	500.000	LF	\$1.84	SAWED JTS IN EXIST PVMTS - ASPHALT	\$920.00
0585	500-3200	10.000	CY	\$537.98	CL B CONC	\$5,379.84
0560	634-1200	10.000	EA	\$97.51	RIGHT OF WAY MARKERS	\$975.14
0091	641-1100	188.000	LF	\$54.55	GUARDRAIL, TP T	\$10,255.13
0092	641-5001	1.000	EA	\$679.01	GUARDRAIL ANCHORAGE, TP 1	\$679.01
0093	641-5012	1.000	EA	\$1,760.60	GUARDRAIL ANCHORAGE, TP 12	\$1,760.60
0455	643-8200	705.000	LF	\$2.07	BARRIER FENCE (ORANGE), 4 FT	\$1,457.22
<b>SUBTOTAL FOR ROADWAY:</b>						<b>\$281,222.49</b>

### 0020 - SIGNAL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0100	639-4004	4.000	EA	\$5,600.00	STRAIN POLE, TP IV	\$22,400.00
0110	647-1000	1.000	LS	\$81,600.00	TRAF SIGNAL INSTALLATION NO - INSTALLATION 1	\$81,600.00
0520	647-2130	1.000	EA	\$391.00	PULL BOX, PB-3	\$391.00
0515	682-6233	195.000	LF	\$6.85	CONDUIT, NONMETL, TP 3, 2 IN	\$1,335.13
0120	687-1000	1.000	LS	\$4,600.00	TRAFFIC SIGNAL TIMING - INSTALLATION 1	\$4,600.00
<b>SUBTOTAL FOR SIGNAL:</b>						<b>\$110,326.13</b>

### 0030 - DRAINAGE

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0555	207-0203	3.000	CY	\$71.46	FOUND BK FILL MATL, TP II	\$214.37
0240	500-3101	15.000	CY	\$285.03	CLASS A CONCRETE	\$4,275.38
0545	511-1000	964.000	LB	\$1.26	BAR REINF STEEL	\$1,218.98
0200	550-1180	60.000	LF	\$43.27	STM DR PIPE 18",H 1-10	\$2,596.08
0210	550-3415	1.000	EA	\$366.50	SAFETY END SECTION 15",SD,4:1	\$366.50
0220	550-4218	2.000	EA	\$577.88	FLARED END SECT 18 IN, ST DR	\$1,155.77
0550	610-9099	1.000	LS	\$5,000.00	REM WINGWALLS/PARAPETS, STA - STA 456+26.93	\$5,000.00
0230	668-2100	2.000	EA	\$1,955.46	DROP INLET, GP 1	\$3,910.91
<b>SUBTOTAL FOR DRAINAGE:</b>						<b>\$18,737.99</b>

### 0040 - SIGNING AND MARKING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0300	636-1041	30.000	SF	\$36.00	HWY SIGNS,TP 2MAT,REFL SH TP 9	\$1,080.00
0310	653-0120	5.000	EA	\$73.24	THERM PVMT MARK, ARROW, TP 2	\$366.19
0320	653-1501	645.000	LF	\$0.46	THERMO SOLID TRAF ST 5 IN, WHI	\$296.70
0330	653-1502	655.000	LF	\$0.51	THERMO SOLID TRAF ST, 5 IN YEL	\$334.05
0340	653-1704	120.000	LF	\$5.00	THERM SOLID TRAF STRIPE,24",WH	\$600.00
0350	653-1804	1300.000	LF	\$2.25	THERM SOLID TRAF STRIPE, 8",WH	\$2,925.00
0360	653-3501	100.000	GLF	\$0.50	THERMO SKIP TRAF ST, 5 IN, WHI	\$50.00
<b>SUBTOTAL FOR SIGNING AND MARKING:</b>						<b>\$5,651.94</b>

# DETAILED COST ESTIMATE



**Job: 0008253**

**0050 - EROSION CONTROL**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0400	163-0232	1.000	AC	\$600.00	TEMPORARY GRASSING	\$600.00
0410	163-0240	5.000	TN	\$250.00	MULCH	\$1,250.00
0540	163-0501	1.000	EA	\$840.67	CONSTR AND REMOVE SILT CONTROL GATE, TP 1	\$840.67
0530	163-0503	2.000	EA	\$431.13	CONSTR AND REMOVE SILT CONTROL GATE, TP 3	\$862.25
0535	163-0527	7.000	EA	\$254.77	CNST/REM RIP RAP CKDM, STN P RIPRAP/SN BG	\$1,783.39
0430	165-0030	843.000	LF	\$1.50	MAINT OF TEMP SILT FENCE, TP C	\$1,264.50
0580	165-0085	1.000	EA	\$198.58	MAINT OF SILT CONTROL GATE, TP 1	\$198.58
0440	165-0087	2.000	EA	\$205.00	MAINT OF SILT CONTROL GATE, TP 3	\$410.00
0450	171-0030	1685.000	LF	\$4.00	TEMPORARY SILT FENCE, TYPE C	\$6,740.00
0565	603-2181	23.000	SY	\$54.31	STN DUMPED RIP RAP, TP 3, 18"	\$1,249.07
0570	603-7000	23.000	SY	\$4.85	PLASTIC FILTER FABRIC	\$111.56
0460	700-6910	1.000	AC	\$1,000.00	PERMANENT GRASSING	\$1,000.00
0470	700-7000	2.000	TN	\$65.00	AGRICULTURAL LIME	\$130.00
0490	700-8000	1.000	TN	\$350.00	FERTILIZER MIXED GRADE	\$350.00
0500	700-8100	25.000	LB	\$2.30	FERTILIZER NITROGEN CONTENT	\$57.50
0575	710-9000	45.000	SY	\$4.79	PERM SOIL REINFORCING MAT	\$215.41
0510	716-2000	25.000	SY	\$1.24	EROSION CONTROL MATS, SLOPES	\$31.00
<b>SUBTOTAL FOR EROSION CONTROL:</b>						<b>\$17,093.93</b>

**COST GROUP FOR JOB 0008253**

LINE NUMBER	UNIT	CALCULATION RULE	QUANTITY	PRICE	COST GROUP ID	DESCRIPTION	AMOUNT
00000001	LS	NORM			TRFT	TRAFFIC CONTROL-TEMPORARY (LS)	
00000003	TN	NORM			CONC	CONCRETE (SY)	
00000004	TN	NORM			BASE	BASE/AGGREGATE (TN)	
00000005	SY	NORM			EROC	EROSION CONTROL (SY)	
00000006	LF	NORM			CURB	CURB & GUTTER (LF)	
00000007	LF	NORM			DRNFLF	DRAINAGE (LF)	
00000008	EA	NORM			DRNGEA	DRAINAGE (EA)	
00000009	LS	NORM			SGNL	TRAFFIC SIGNALS (LS)	
00000010	LF	NORM			THSL	THERMO PLASTIC LINEAR PAVEMENT MARKING	
00000011	LM	PCTO	0.000		PVMKPCTO	PAVEMENT MARKING (PERCENT OF JOB)	\$0.00
<b>SUBTOTAL:</b>							<b>\$0.00</b>

**TOTALS FOR JOB 0008253**

<b>ITEMS COST:</b>	<b>\$433,032.48</b>
<b>COST GROUP COST:</b>	<b>\$0.00</b>
<b>ESTIMATED COST:</b>	<b>\$433,032.48</b>
<b>CONTINGENCY PERCENT:</b>	<b>0.00</b>
<b>ENGINEERING AND INSPECTION:</b>	<b>0.05</b>
<b>ESTIMATED COST WITH CONTINGENCY AND E&amp;I:</b>	<b>\$454,684.10</b>

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PI No. 0008253  
January 30, 2012  
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**NOTICE OF LOCATION AND DESIGN APPROVAL**

**PROJECT: CCSTP-0008-00(253), WALKER COUNTY,  
P.I. NO.: 0008253**

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: FEBRUARY 16, 2012

This intersection improvement project is located in Walker County, within the City of Rock Springs, on Land Lots 59 and 86. Construction will take place at the intersection of State Route 1/US 27 and Kay Conley Rd/CR 586 between mile point 16.85 and mile point 17.00.

The project will replace flashing beacons with a new traffic signal and provide pedestrian accommodations. A right turn lane will be constructed eastbound on State Route 1 and for northbound on Kay Conley/CR 720.

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:

Devon Brooks  
District 6, Area 3 Engineer  
1313 North Tibbs Rd  
Dalton, Georgia 30720  
(706) 272-2211  
email: [dbrooks@dot.ga.gov](mailto:dbrooks@dot.ga.gov)

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, P.E.  
State Program Delivery Engineer  
Office of Program Delivery  
600 West Peachtree Street NW, 25<sup>TH</sup> Floor  
Atlanta, Georgia 30308  
(404) 631-1122  
email: [bhilliard@dot.ga.gov](mailto:bhilliard@dot.ga.gov)

Any written request or communication in reference to this project or notice SHOULD include the Project and P.I. Number as noted at the top of this notice