

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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

**FILE** P.I.# 0006294 **OFFICE** Design Policy & Support  
CSMSL-0006-00(294)  
Carroll, Floyd, & Haralson Counties  
GDOT District 6 - Cartersville **DATE** 6/17/2016  
Pedestrian Improvements @ 5 State  
Route Locations

**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:**

Hiral Patel, 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  
Darryl VanMeter, State Innovative Delivery Engineer  
Bobby Hilliard, Program Control Administrator  
Cindy VanDyke, State Transportation Planning Administrator  
Eric Duff, State Environmental Administrator  
Andrew Heath, State Traffic Engineer  
Angela Robinson, Financial Management Administrator  
Lisa Myers, State Project Review Engineer  
Andy Casey, State Roadway Design Engineer  
Attn: David Ray, District Design Engineer  
Richard Cobb, Location Bureau Chief  
DeWayne Comer, District Engineer  
David Acree, District Preconstruction Engineer  
Cherie Marsh, District Planning & Programming Engineer  
Bill Dungan, Area Engineer - D6, A3  
Michael Word, Project Manager  
BOARD MEMBER - 3rd & 14th Congressional Districts

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTEROFFICE CORRESPONDENCE  
LOCATION AND DESIGN REPORT**

**FILE** P.I. No. 0006294  
CSMSL-0006-00(294)  
Carroll, Floyd & Haralson County  
**PEDESTRIAN IMPROVEMENTS @  
5 SR LOCATIONS IN DISTRICT 6**

**OFFICE** Program Delivery  
**DATE** 4/15/2016

**FROM** Albert V. Shelby III, State Program Delivery Engineer

*AS/klm*

*Albert Shelby*

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

**SUBJECT Request for Location and Design Approval**

**Description and Project Proposal:**

The Georgia Department of Transportation is making a concerted effort to develop and strategically implement systematic safety improvements. These improvements vary in size and scope but the objectives remain the same, to reduce fatalities and serious injury collisions. Georgia is recognized by the Federal Highway Administration as a pedestrian focused state. In doing so the Department is focusing on pedestrian enhancements at signalized and stop controlled intersection, as stated as one of the categories in the Georgia Intersection Safety Implementation Plan. These enhancements include but are not limited to: pedestrian countdown signals, push buttons, crosswalks, pedestrian warning signs, raised concrete islands, ADA ramps, etc. Pedestrians account for more than 10% of the crash fatalities in Georgia. A Crash Reduction Factor of 0.30 for pedestrian crashes is used for combined pedestrian enhancements.

The proposed project will enhance pedestrian accommodations at the following intersections:

Floyd County:

State Route 1 Loop @ State Route 293

State Route 101 @ Wax Road

Haralson County:

State Route 1 @ State Route 120

State Route 1 Business @ State Route 8

Carroll County:

State Route 61 @ Hickory Level Road

**Concept Approval Date:** December 29, 2014

**Concept Update:** The State Route 101 @ Wax Road intersection has been removed from the project. Additional Right-of-Way will be needed for the improvements at the State Route 1 Business @ State Route 8 intersection. No other intersections are anticipated to need additional Right-of-Way.

**Environmental Document:** NEPA - Programmatic Categorical Exclusion. Approved: April 22, 2016

**Public Involvement:** PIOH March 19, 2015, Time: 5:00pm-7:00pm, Setup Time: 3:30 to 4:00, First Baptist Church of Bremen, 331 Pacific Avenue, Bremen, GA. 30110

A total of 18 people attended the open house. Of the 13 respondents who formally commented, 3 were in support of the project, 0 were opposed, 0 were uncommitted, and 10 expressed conditional support.

Major Concerns:

The State Route 1 Business at State Route 8 intersection in Haralson County permanent closure of Carrolton Road.

Public Officials:

Mike Thompson, Operations Manager for City of Bremen; Perry Hicks, City Manager for City of Bremen

Media:

Radio, Local Circular, Road Sign Advertisements

**Consistency with Approved Planning:** Yes

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

**Concur:** Hial Patel  
GDOT Director of Engineering

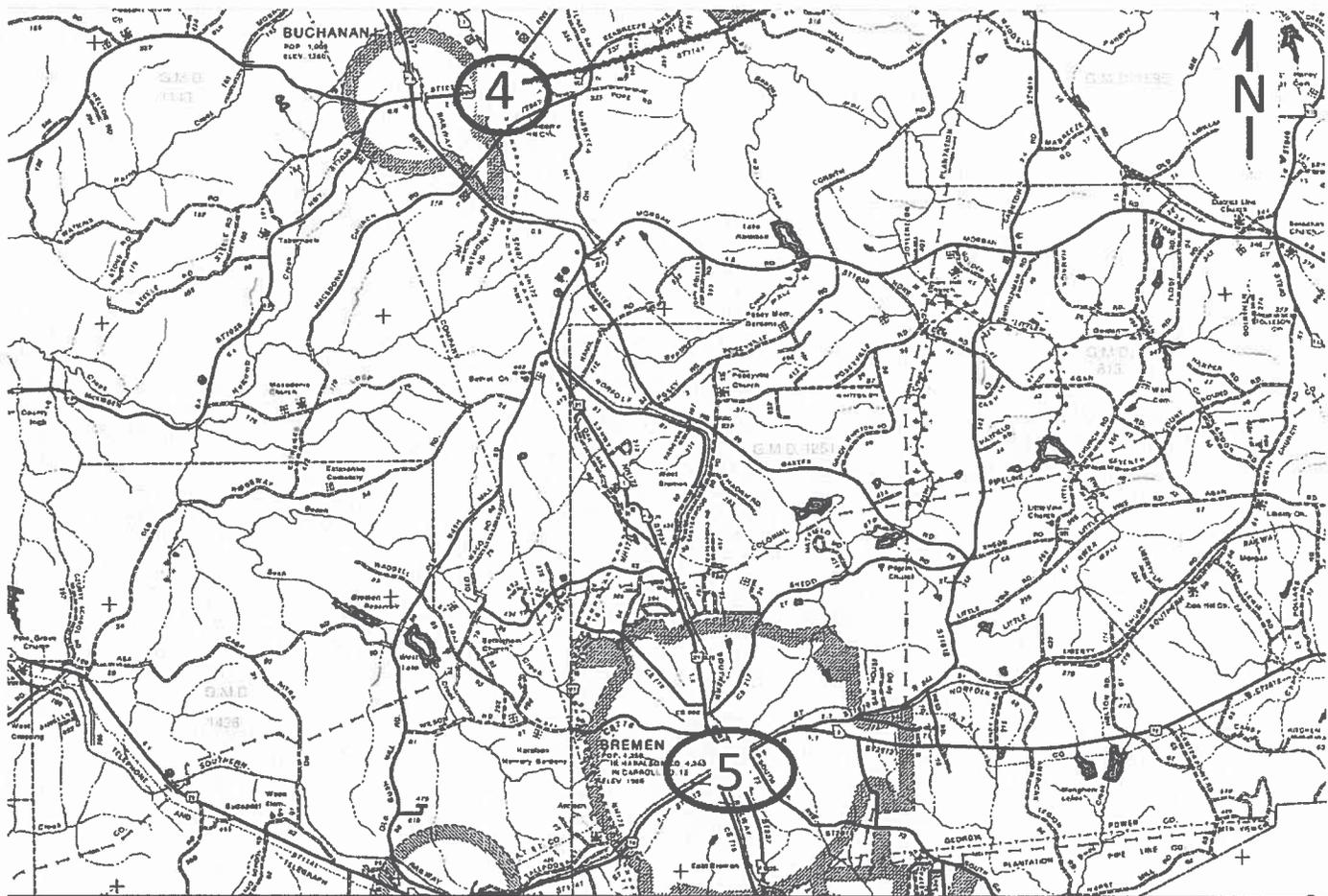
**Approve:** Margaret B. Decker 6/10/2016  
GDOT Chief Engineer Date

**DATE OF LOCATION AND DESIGN APPROVAL:** 6/17/2016  
(To be entered by State Conceptual Design Group Manager)

**Attachments:**

- Sketch Map – State Route 1 Business @ State Route 8
- Construction Cost Estimate
- Notice of Location and Design Approval

County: Carroll, Floyd and Haralson



**Haralson County:**

- 4. State Route 1 Loop @ State Route 120 (Buchanan)
- 5. State Route 1 Business @ State Route 8 (Bremen)

# DETAILED COST ESTIMATE



**Job: 0006294**

**JOB NUMBER:** 0006294

**FED/STATE PROJECT NUMBER** CSMSL-0006-00(294)

**SPEC YEAR:** 13

**DESCRIPTION:** PEDESTRIAN @ 5 INTERSECTIONS

**ITEMS FOR JOB 0006294**

**1 - ROADWAY**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0080	150-1000	1.000	LS	\$20,000.00000	TRAFFIC CONTROL - CSMSL-0006-00(294)	\$20,000.00
0115	210-0100	1.000	LS	\$108,000.00000	GRADING COMPLETE - GRADING COMPLETE - 0006294	\$108,000.00
0160	310-1101	480.000	TN	\$27.23678	GR AGGR BASE CRS, INCL MATL	\$13,073.65
0155	402-3121	118.000	TN	\$86.90803	RECYL AC 25MM SP,GP1/2,BM&HL	\$10,255.15
0145	402-3130	44.000	TN	\$68.62826	RECYL AC 12.5MM SP,GP2,BM&HL	\$3,019.64
0150	402-3190	58.000	TN	\$99.17012	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$5,751.87
0110	441-0108	186.000	SY	\$56.76020	CONC SIDEWALK, 8 IN	\$10,557.40
0120	610-1055	115.000	LF	\$9.18206	REM GUARDRAIL	\$1,055.94
0125	610-1075	2.000	EA	\$181.61920	REM GUARDRAIL ANCH, ALL TYPES	\$363.24
0130	641-1200	115.000	LF	\$20.79208	GUARDRAIL, TP W	\$2,391.09
0135	641-5001	1.000	EA	\$842.74497	GUARDRAIL ANCHORAGE, TP 1	\$842.74
0140	641-5012	1.000	EA	\$1,969.14128	GUARDRAIL ANCHORAGE, TP 12	\$1,969.14
<b>SUBTOTAL FOR ROADWAY:</b>						<b>\$177,279.86</b>

**2 - SIGNING AND MARKING**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0165	636-1041	30.000	SF	\$34.27867	HWY SIGNS,TP 2MAT,REFL SH TP 9	\$1,028.36
0170	636-2070	45.000	LF	\$9.07328	GALV STEEL POSTS, TP 7	\$408.30
0005	652-5701	509.000	LF	\$1.90384	SOLID TRAF STRIPE, 24, WHITE	\$969.05
0015	652-9001	806.000	SY	\$1.80241	TRAFFIC STRIPE, WHITE	\$1,452.74
0020	653-1804	6781.000	LF	\$2.09527	THERM SOLID TRAF STRIPE, 8,WH	\$14,208.03
<b>SUBTOTAL FOR SIGNING AND MARKING:</b>						<b>\$18,066.48</b>

**3 - EROSION CONTROL**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0030	163-0232	1.000	AC	\$410.63640	TEMPORARY GRASSING	\$410.64
0035	163-0240	6.000	TN	\$335.62764	MULCH	\$2,013.77
0040	163-0528	2000.000	LF	\$3.35154	CONSTR AND REM FAB CK DAM -TP C SLT FN	\$6,703.08
0045	165-0041	1000.000	LF	\$1.26153	MAINT OF CHECK DAMS - ALL TYPES	\$1,261.53
0050	171-0030	1000.000	LF	\$3.12024	TEMPORARY SILT FENCE, TYPE C	\$3,120.24
0055	700-6910	2.000	AC	\$940.19720	PERMANENT GRASSING	\$1,880.39
0060	700-7000	6.000	TN	\$109.08289	AGRICULTURAL LIME	\$654.50
0065	700-8000	3.000	TN	\$555.96388	FERTILIZER MIXED GRADE	\$1,667.89
0070	700-8100	300.000	LB	\$2.72109	FERTILIZER NITROGEN CONTENT	\$816.33
<b>SUBTOTAL FOR EROSION CONTROL:</b>						<b>\$18,528.37</b>

# DETAILED COST ESTIMATE



**Job: 0006294**

**4 - SIGNAL**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0085	647-1000	1.000	LS	\$42,000.00000	TRAF SIGNAL INSTALLATION NO - SIGNAL INSTALLATION NO. 1	\$42,000.00
0090	647-1000	1.000	LS	\$42,000.00000	TRAF SIGNAL INSTALLATION NO - SIGNAL INSTALLATION NO. 2	\$42,000.00
0095	647-1000	1.000	LS	\$42,000.00000	TRAF SIGNAL INSTALLATION NO - SIGNAL INSTALLATION NO. 3	\$42,000.00
0100	647-1000	1.000	LS	\$42,000.00000	TRAF SIGNAL INSTALLATION NO - SIGNAL INSTALLATION NO. 4	\$42,000.00
0105	647-1000	1.000	LS	\$42,000.00000	TRAF SIGNAL INSTALLATION NO - SIGNAL INSTALLATION NO. 5	\$42,000.00
<b>SUBTOTAL FOR SIGNAL:</b>						<b>\$210,000.00</b>

**TOTALS FOR JOB 0006294**

<b>ITEMS COST:</b>	<b>\$423,874.71</b>
<b>COST GROUP COST:</b>	<b>\$0.00</b>
<b>ESTIMATED COST:</b>	<b>\$423,874.71</b>
<b>CONTINGENCY PERCENT:</b>	<b>0.05</b>
<b>ENGINEERING AND INSPECTION:</b>	<b>0.05</b>
<b>ESTIMATED COST WITH CONTINGENCY AND E&amp;I:</b>	<b>\$466,262.18</b>

**NOTICE OF LOCATION AND DESIGN APPROVAL**  
**CARROLL, FLOYD & HARALSON COUNTIES**  
**P. I. NUMBER 0006294**

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: JUNE 17, 2016

This project consists of five signalized intersections in Carrol, Harlason and Floyd Counties in need of improvements to address compliance with current GDOT standards and the Manual on Uniform Traffic Control Devices (MUTCD) and the requirements of the Americans with Disabilities Act (ADA). These enhancements include but are not limited to: pedestrian countdown signals, push buttons, crosswalks, pedestrian warning signs, raised concrete islands, ADA ramps, etc. The portion of the project that will need additional Right-of-Way is the intersection of State Route 1 Business with State Route 8, located in Land Lot 213, Land District 7, Haralson County.

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:

Bill Dungan, Area Engineer  
Georgia Department of Transportation  
District 6, Area 3 Office  
[bdungan@dot.ga.gov](mailto:bdungan@dot.ga.gov)  
4323 US Hwy. 27  
Buchanan, Georgia 30113  
(770) 646-5522

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:

Albert V. Shelby III, State Program Delivery Engineer  
Office of Program Delivery  
Attn: Micheal T. Word  
[micword@dot.ga.gov](mailto:micword@dot.ga.gov)  
One Georgia Center  
600 West Peachtree Street, NW  
Atlanta, Georgia 30308  
(404) 631-1866

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.