

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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

**FILE** P.I. #0008751  
CSBRG-0008-00(751)  
GDOT District 7 - Metro Atlanta  
Fulton County  
Bridge Replacement - CR 79 @  
Johns Creek

**OFFICE** Design Policy & Support

**DATE** July 2, 2013

**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:**

Bobby Hilliard, Program Control Administrator  
Genetha Rice-Singleton, State Program Delivery Engineer  
Glenn Bowman, State Environmental Administrator  
Ben Rabun, State Bridge Engineer  
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: Mac Cranford  
Cindy VanDyke, State Transportation Planning Administrator  
Ken Thompson, Location Bureau Chief  
Angela Robinson, Financial Management Administrator  
Rachel Brown, District Engineer  
Scott Lee, District Preconstruction Engineer  
Vicki Gavalas, District Planning & Programming Engineer  
Sebastian Nesbitt, Area Engineer - D7, A2  
Merishia Robinson, Project Manager  
BOARD MEMBER - 6th Congressional District

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

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INTERDEPARTMENT CORRESPONDENCE

FILE CSBRG-0008-00(751), Fulton County. OFFICE Program Delivery  
P.I. No. 0008751  
Parsons Road Bridge Replacement @ Johns Creek DATE June 13, 2013  
FROM *Brent Story*  
Genetha Rice-Singleton, State Program Delivery Engineer  
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**

CS 79/Parsons Road is a two-lane, undivided urban collector located between SR 141/Medlock Bridge Road and SR 120/Abbotts Bridge Road in the City of Johns Creek, Fulton County, Georgia. The existing urban roadway consists of two 12 foot travel lanes with variable width grass shoulders and intermittent sidewalks. The posted speed limit is 35 mph. This location is on a school bus route, according to the Department's Bridge Inventory.

The proposed project will be the replacement of an existing bridge (ID. # 121-5022-0) on Parsons Road over Johns Creek. The proposed bridge will be 45 ft. – 2 in. by 120 ft consisting of two 11 ft. travel lanes, one 11 ft. left turn lane, 2 ft. gutter, a 5.5 ft. sidewalk on the southside and a 2 ft. gutter on the northside and a 30 ft. approach slab. Also, the proposed bridge will be 2.85 ft. higher than the existing bridge per the hydraulic study. The proposed project length is approximately 950 feet (0.180 miles), beginning at M.P. 1.425 and extending to M.P. 1.605. In order to conduct the new bridge, Parsons Rd will be closed and traffic will be detoured along SR 120 and SR 141.

**Concept Approval Date:** May 7, 2012

**Concept Update:** N/A

**Environmental Document Type, Approval Date & any Reevaluations:** Categorical Exclusion, June 13, 2013

**Public Involvement:**

- A Public Information Open House (PIOH)/Detour Meeting will be held at a later date.

Project Number: CSBRG-0008-00(751)  
County: Fulton  
P. I. Number: 0008751

**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: *K. Joe Carpenter* 6/21/13  
Director of Engineering

APPROVE: *Bill M. M...* 7/1/13  
Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: JULY 2, 2013  
(To be entered by the State Conceptual Design Group Manager)

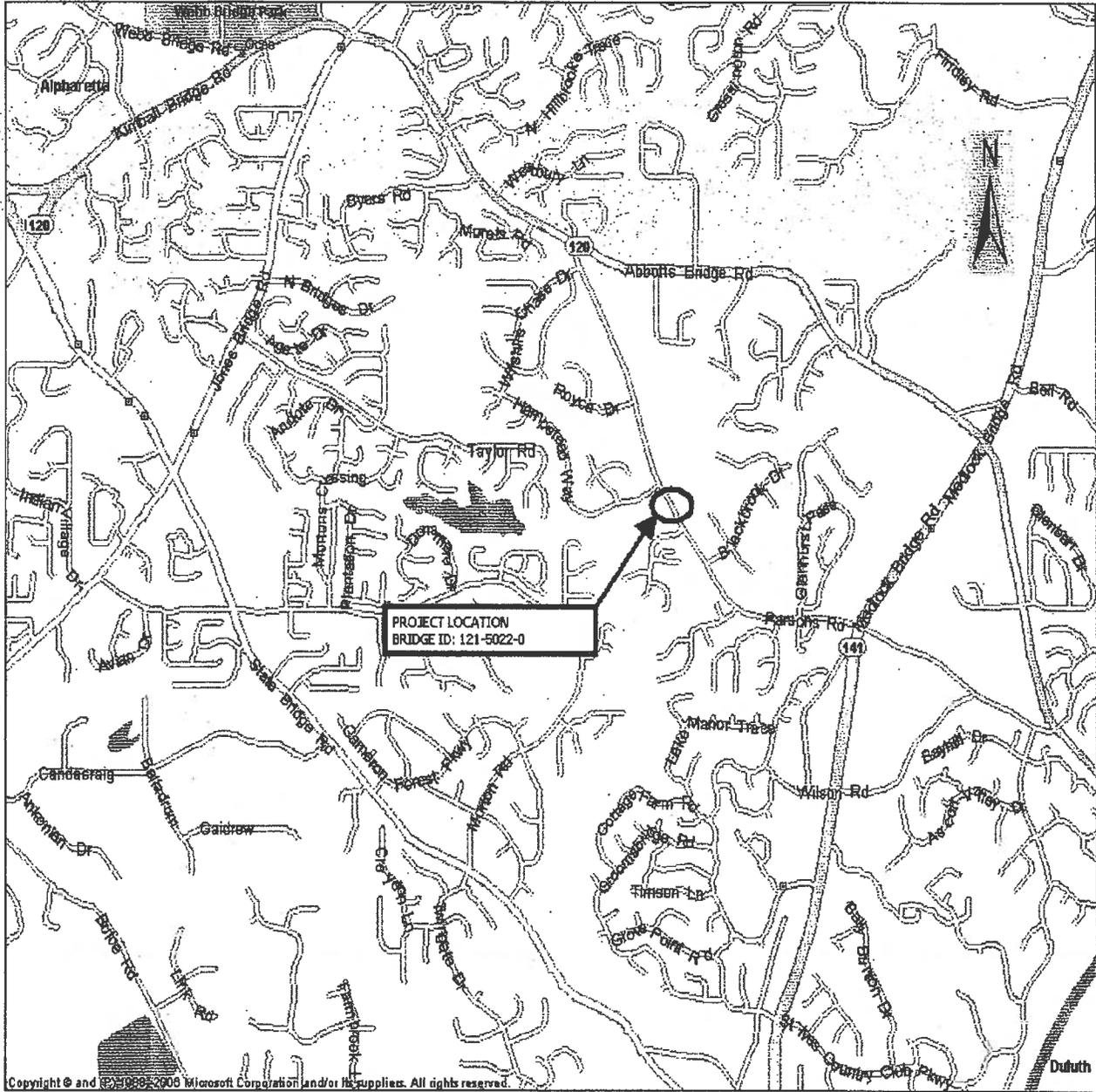
GRS:AVS:mkr

Attachments:

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

Project Concept Report Page 2  
Project Number: CSBRG-0008-00(751)  
P. I. Number: 0008751  
County: FULTON

### Location Map



# DETAILED COST ESTIMATE



**Job: 0008751\_JH**

**JOB NUMBER** 0008751\_JH

**FED/STATE PROJECT NUMBER** CSBRG-0008-00(751)

**SPEC YEAR:** 01

**DESCRIPTION:** ESTIMATE FOR PARSONS ROAD @ JOHNS CREEK

## ITEMS FOR JOB 0008751\_JH

### 10 - ROADWAY

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0003	150-1000	1.000	LS	\$25,000.00000	TRAFFIC CONTROL - CSBRG-0008-00(751)	\$25,000.00
0029	167-1000	2.000	EA	\$163.13139	WATER QUALITY MONITORING AND SAMPLING	\$326.26
0024	167-1500	12.000	MO	\$367.85998	WATER QUALITY INSPECTIONS	\$4,414.32
0009	210-0100	1.000	LS	\$75,000.00000	GRADING COMPLETE - CSBRG-0008-00(751)	\$75,000.00
0039	310-1101	3109.000	TN	\$21.53404	GR AGGR BASE CRS, INCL MATL	\$66,949.33
0014	402-3103	312.000	TN	\$66.66000	REC AC 9.5 MM SP,TPII,GP2, INCL BM & H L	\$20,797.92
0019	402-3121	1665.000	TN	\$70.43087	RECYL AC 25MM SP,GP1/2,BM&HL	\$117,267.40
0034	402-3190	416.000	TN	\$85.32290	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$35,494.33
0044	413-1000	264.000	GL	\$3.20778	BITUM TACK COAT	\$846.85
0049	433-1100	221.000	SY	\$91.35945	REF CONC APPR SL/INCL CURB	\$20,190.44
0054	441-0014	182.000	SY	\$28.58000	DRIVEWAY CONCRETE, 4 IN TK	\$5,201.56
0064	441-0104	347.000	SY	\$34.43566	CONC SIDEWALK, 4 IN	\$11,949.17
0069	441-0108	80.000	SY	\$55.53849	CONC SIDEWALK, 8 IN	\$4,443.08
0084	441-4020	99.000	SY	\$36.09372	CONC VALLEY GUTTER, 6 IN	\$3,573.28
0074	441-6012	1836.000	LF	\$10.76426	CONC CURB & GUTTER/ 6"X24"TP2	\$19,763.18
0079	441-6718	331.000	LF	\$19.33000	CONC CURB & GUTTER,6"X24",TP 7	\$6,398.23
0059	444-1000	107.000	LF	\$3.96125	SAWED JTS IN EXIST PVMTS - PCC	\$423.85
0089	446-1100	174.000	LF	\$7.63028	PVMT REF FAB STRIPS, TP2,18 INCH WMDTH	\$1,327.67
0099	634-1200	10.000	EA	\$114.82166	RIGHT OF WAY MARKERS	\$1,148.22
0104	641-1100	146.000	LF	\$57.10249	GUARDRAIL, TP T	\$8,336.96
0109	641-1200	685.000	LF	\$17.25103	GUARDRAIL, TP W	\$11,816.96
0114	641-5001	6.000	EA	\$661.76842	GUARDRAIL ANCHORAGE, TP 1	\$3,970.61
0119	641-5012	4.000	EA	\$1,838.37500	GUARDRAIL ANCHORAGE, TP 12	\$7,353.50
0094	643-8200	400.000	LF	\$1.62813	BARRIER FENCE (ORANGE), 4 FT	\$651.25
<b>SUBTOTAL FOR ROADWAY:</b>						<b>\$452,644.37</b>

### 20 - DRAINAGE

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0124	550-1180	374.000	LF	\$42.94479	STM DR PIPE 18",H 1-10	\$16,061.35
0129	550-4118	2.000	EA	\$334.41751	FLARED END SECT 18 IN, SIDE DR	\$668.84
0134	603-2024	314.000	SY	\$37.38956	STN DUMPED RIP RAP, TP 1, 24"	\$11,740.32
0139	603-2180	24.000	SY	\$38.18427	STN DUMPED RIP RAP, TP 3, 12"	\$916.42
0144	603-7000	338.000	SY	\$3.43706	PLASTIC FILTER FABRIC	\$1,161.73
0149	668-1100	8.000	EA	\$1,992.16145	CATCH BASIN, GP 1	\$15,937.29
<b>SUBTOTAL FOR DRAINAGE:</b>						<b>\$46,485.95</b>

# DETAILED COST ESTIMATE

**Job: 0008751\_JH**

## 30 - BRIDGE

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0154	540-1101	1.000	LS	\$54,200.00000	REM OF EX BR, STA NO - STA. 19+44.00 - STA. 20+64.00	\$54,200.00
0159	543-9000	1.000	LS	\$542,000.00000	CONSTR OF BRIDGE COMPLETE - CSBRG-0008-00(751)	\$542,000.00
<b>SUBTOTAL FOR BRIDGE:</b>						<b>\$596,200.00</b>

## 40 - EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0164	163-0232	1.000	AC	\$322.80432	TEMPORARY GRASSING	\$322.80
0169	163-0240	100.000	TN	\$190.18189	MULCH	\$19,018.19
0174	163-0300	2.000	EA	\$1,189.49120	CONSTRUCTION EXIT	\$2,378.98
0179	163-0550	8.000	EA	\$114.82185	CONS & REM INLET SEDIMENT TRAP	\$918.57
0184	165-0030	1525.000	LF	\$0.86513	MAINT OF TEMP SILT FENCE, TP C	\$1,319.32
0189	165-0101	2.000	EA	\$462.46255	MAINT OF CONST EXIT	\$924.93
0194	165-0105	8.000	EA	\$47.06337	MAINT OF INLET SEDIMENT TRAP	\$376.51
0199	171-0030	3049.000	LF	\$3.02385	TEMPORARY SILT FENCE, TYPE C	\$9,219.72
0204	700-6910	1.000	AC	\$713.01333	PERMANENT GRASSING	\$713.01
0209	700-7000	1.000	TN	\$108.03887	AGRICULTURAL LIME	\$108.04
0214	700-8000	2.000	TN	\$522.50569	FERTILIZER MIXED GRADE	\$1,045.01
0219	700-8100	100.000	LB	\$2.50640	FERTILIZER NITROGEN CONTENT	\$250.64
0224	700-9300	103.000	SY	\$4.63633	SOD	\$477.54
0229	716-2000	1824.000	SY	\$0.96577	EROSION CONTROL MATS, SLOPES	\$1,761.56
<b>SUBTOTAL FOR EROSION CONTROL:</b>						<b>\$38,834.82</b>

## 50 - SIGNING & MARKING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0234	636-1020	61.000	SF	\$14.99591	HWY SGN,TP1MAT,REFL SH TP3	\$914.75
0239	636-2070	135.000	LF	\$8.97796	GALV STEEL POSTS, TP 7	\$1,212.02
0244	653-0120	4.000	EA	\$83.12408	THERM PVMT MARK, ARROW, TP 2	\$332.50
0249	653-1501	2525.000	LF	\$0.60213	THERMO SOLID TRAF ST 5 IN, WHI	\$1,520.38
0254	653-1502	2480.000	LF	\$0.62121	THERMO SOLID TRAF ST, 5 IN YEL	\$1,540.60
0259	653-1704	29.000	LF	\$5.18317	THERM SOLID TRAF STRIPE,24",WH	\$150.31
0264	653-1804	391.000	LF	\$1.96989	THERM SOLID TRAF STRIPE, 8",WH	\$770.23
0269	653-3501	274.000	GLF	\$0.52797	THERMO SKIP TRAF ST, 5 IN, WHI	\$144.66
0274	653-6004	10.000	SY	\$3.92061	THERM TRAF STRIPING, WHITE	\$39.21
0279	653-6006	374.000	SY	\$3.44629	THERM TRAF STRIPING, YELLOW	\$1,288.91
0284	654-1001	48.000	EA	\$5.11814	RAISED PVMT MARKERS TP 1	\$245.67
0289	654-1003	17.000	EA	\$5.36416	RAISED PVMT MARKERS TP 3	\$91.19
0299	657-1054	120.000	LF	\$7.39829	PRF PL SD PVMT MKG,5",WH,TP PB	\$887.79
0294	657-5017	2.000	EA	\$556.47538	PRF PL PVT MKG,ARW TP2,WH,TPPB	\$1,112.95
0304	657-6054	120.000	LF	\$6.61646	PRF PL SD PVMT MKG,5",YW,TP PB	\$793.98
<b>SUBTOTAL FOR SIGNING &amp; MARKING:</b>						<b>\$11,045.15</b>

**TOTALS FOR JOB 0008751\_JH**

# DETAILED COST ESTIMATE



Job: 0008751 JH

ITEMS COST:	\$1,145,210.29
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$1,145,210.29
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.05
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$1,202,470.80

# NOTICE OF LOCATION AND DESIGN APPROVAL

## *CSBRG-0008-00(751), Fulton County P. I. 0008751*

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 July 2, 2013

The proposed project will be the replacement of an existing bridge (ID. # 121-5022-0) on Parsons Road over Johns Creek located in the City of Johns Creek. The proposed bridge will be 45 ft. – 2 in. by 120 ft consisting of two 11 ft. travel lanes, one 11 ft. left turn lane, 2 ft. gutter, a 5.5 ft. sidewalk on the southside and a 2 ft. gutter on the northside and a 30 ft. approach slab. Parsons Road will be closed between the construction limits during construction of the bridge. The proposed project length is approximately 950 feet (0.180 miles), beginning at M.P. 1.425 and extending to M.P. 1.605.

This project lies within Land Lot 279 of Fulton County, and in the 6<sup>th</sup> Congressional District of Georgia.

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:

*Sebastian Nesbitt, Area Engineer  
Georgia Department of Transportation  
snesbitt@dot.ga.gov  
1269 Kennestone Circle  
Marietta, Georgia 30066  
(770) 528-3238*

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  
Georgia Department of Transportation  
grice-singleton@dot.ga.gov  
One Georgia Center  
600 West Peachtree St. NW  
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.