

D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

---

INTERDEPARTMENT CORRESPONDENCE

**FILE** P.I. No. 752520-, Fulton County **OFFICE** Preconstruction  
BRMLB-9161(1)  
Mitchell Street/CS 1985 at Southern Railroad **DATE** October 4, 2006

**FROM** *Genetha Rice-Singleton*  
Genetha Rice-Singleton, Assistant Director of Preconstruction

**TO** *to* SEE DISTRIBUTION

**SUBJECT** APPROVED NOTICE OF LOCATION AND DESIGN

Attached for your further handling is the approved Location and Design Report on the above subject project.

Also attached is the Notice of Location and Design Approval. This is authorization for the District to proceed with advertisement.

GRS/cj

Attachment

DISTRIBUTION:

Brian Summers  
Harvey Keeper  
Jamie Simpson  
Paul Liles  
Keith Golden  
Ken Thompson  
Joe Palladi (file copy)  
Babs Abubakari  
Bryant Poole  
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

**FILE** BRMLB-9161(1), Fulton County  
CS 1985/Mitchell Street @ Southern Railroad  
0.2 mi W of SR 3E  
P.I. No.: 752520  
*James B. Buchan*  
**FROM** James B. Buchan, P.E., State Urban Design Engineer

**TO** Genetha Rice-Singleton, Assistant Director of Preconstruction

**SUBJECT** Request for Location and Design Approval

**OFFICE** Urban Design 2006

**DATE** September 18, 2006

**DESCRIPTION and PROJECT PROPOSAL:**

The proposed project will replace the existing Mitchell Street Viaduct/ CS 1985, from Mangum Street to Spring Street crossing over the Norfolk Southern railroad gulch, beginning at mile point 0.05 and ending at mile point 0.45. The proposed typical section consists of 3-11 ft. lanes with parking on the south side, a 4 ft. bike lane on the north side and 12 ft. sidewalks on both sides of the street. The existing bridge has a structural sufficiency rating of 21.9. The proposed structure will provide adequate width to accommodate the future multi-rail access to the proposed Multi-modal Passenger Terminal facility.

**CONCEPT APPROVAL DATE:** Concept approved on June 15, 1995.

**CONCEPT UPDATE:** Revised Concept approved on July 27, 2001.

**ENVIRONMENTAL ASSESSMENT AND REASSESSMENT APPROVAL DATE:** The Categorical Exclusion was approved on June 26, 2006.

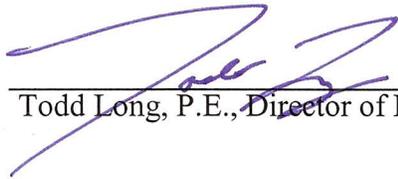
**PUBLIC INVOLVEMENT:** There has been no public involvement; however, a detour PIOH will be held prior to the closure of Mitchell Street Bridge.

**CONSISTENCY WITH APPROVED PLANNING:**

The design description as presented herein and submitted for approval is found to conform to the Atlanta Regional Transportation Plan.

**RECOMMENDATIONS:** The Office of Urban Design recommends that the location and design for this project be approved and that the attached Notice be approved for advertising.

RECOMMEND:

  
\_\_\_\_\_  
Todd Long, P.E., Director of Preconstruction

APPROVE:

  
\_\_\_\_\_  
David E. Studstill, P.E., Chief Engineer

10/3/06  
Date of Approval

JBB: EC <sup>RMS</sup>

- Attachments:  
Location Sketch  
Cost Estimate  
Notice of Location and Design

**NOTICE OF LOCATION AND DESIGN APPROVAL**

**PROJECT BRMLB-9161(1), FULTON COUNTY, GEORGIA  
P.I. NO.: 752520**

Notice is hereby given in compliance with *Georgia Code 22-2-109* that the Georgia Department of Transportation has approved the Location and Design of the above project.

Date of Location and Design Approval: OCTOBER 4, 2006

The proposed project would replace the existing Mitchell Street Bridge located over the Norfolk Southern Railroad between Mangum Street and Spring Street. The project is located entirely within Fulton County, Congressional District 5, and Land Lots 77, 78, and 84 of the Fourteenth Land District.

The proposed project will replace the existing Mitchell Street Viaduct/ CS 1985, from Mangum Street to Spring Street crossing over the Norfolk Southern railroad gulch, beginning at mile point 0.05 and ending at mile point 0.45. The proposed typical section consists of 3 travel lanes with parking on the south side, a bike lane on the north side and sidewalks on both sides of the street.

Drawings, maps, or plats of the proposed project, as approved, are on file and available for inspection at the Georgia Department of Transportation:

Mark Sanford, *Area Engineer*  
mark.sanford@dot.state.ga.us  
21 Claire Drive  
Atlanta, Georgia 30315  
(404) 624-2436

Any interested party may obtain a copy of the drawings, maps, plats, or portions thereof, by paying a nominal fee and requesting in writing to:

James B. Buchan, P.E., *State Urban Design Engineer*  
Office of Urban Design  
ben.buchan@dot.state.ga.us  
No. 2 Capitol Square, SW  
Atlanta, Georgia 30334  
Phone (404)656-5436

Any written request in reference to this Notice should include the Project and P.I. Numbers as noted at the top of this notice.

## Estimate Report for file "BRMLB-9161(1)Fulton County"

### Section Bridge

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	240000.00	TRAFFIC CONTROL	240000.00
211-0200	500	CY	24.98	BRIDGE EXCAVATION, GRADE SEPARATION	12490.00
500-0100	5180	SY	4.24	GROOVED CONCRETE	21963.20
500-1006	1	LS	1306450.00	SUPERSTR CONCRETE, CL AA (1537)	1306450.00
500-2110	1120	LF	180.62	CONCRETE PARAPET, SPCL DESIGN	202294.40
500-3101	1944	CY	675.00	CLASS A CONCRETE	1312200.00
501-3000	1	LS	5052180.00	STR STEEL, BR NO - 1 (2,886,960# )	5052180.00
511-1000	434600	LB	0.85	BAR REINF STEEL	369410.00
511-3000	1	LS	337875.00	SUPERSTR REINF STEEL, BR NO - 1 (397,500)	337875.00
524-0010	2100	LF	1700.00	DRILLED CAISSON (5 FT. DIA)	3570000.00
524-0300	1	EA	402000.00	LOAD TEST, CAISSON	402000.00
540-1102	1	LS	1375000.00	REMOVAL OF EXISTING BR, BR NO - 1	1375000.00
540-1202	1	LS	150000.00	REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO - 2	150000.00
544-1000	1	LS	82109.23	DECK DRAIN SYSTEM	82109.23
610-6605	1	EA	140000.00	REM LIGHTING STANDARD	140000.00
647-1000	1	LS	110000.00	TRAFFIC SIGNAL INSTALLATION NO - 1	110000.00

**Section Sub Total: \$14,683,971.83**

### Section Railroad

Item Number	Quantity	Units	Unit Price	Item Description	Cost
000-1000	1	Lump Sum	220000.00	MAINTENANCE & PROTECTION OF RR TRAFFIC	220000.00

**Section Sub Total: \$220,000.00**

### Section Roadway

Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-5100	3750	SY	9.09	GR AGGR BASE CRS, 10 INCH, INCL MATL	34087.50
402-3121	1000	TN	75.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	75000.00
402-3130	380	TN	75.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	28500.00
402-3190	500	TN	75.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	37500.00
413-1000	400	GL	4.00	BITUM TACK COAT	1600.00
433-1100	450	SY	111.59	REINF CONC APPROACH SLAB, INCL CURB	50215.50
441-0104	2000	SY	24.79	CONC SIDEWALK, 4 IN	49580.00
441-5002	200	LF	23.15	CONCRETE HEADER CURB, 6 IN, TP 2	4630.00
441-6022	2200	LF	10.55	CONC CURB & GUTTER, 6 IN X 30 IN, TP 2	23210.00
441-7011	6	EA	640.61	CURB CUT WHEELCHAIR RAMP, TYPE A	3843.66
441-7014	5	EA	542.60	CURB CUT WHEELCHAIR RAMP, TYPE D	2713.00
444-1000	150	LF	2.15	SAWED JOINTS IN EXIST PAVEMENTS - PCC	322.50
500-0100	450	SY	4.27	GROOVED CONCRETE	1921.50
550-1120	8	LF	88.68	STORM DRAIN PIPE, 12 IN, H 1-10	709.44
550-1180	620	LF	29.63	STORM DRAIN PIPE, 18 IN, H 1-10	18370.60
611-8050	3	EA	578.60	ADJUST MANHOLE TO GRADE	1735.80

621-0026	700	LF	271.16	CONCRETE BARRIER, SPCL DESIGN, TP 26	189812.00
634-1200	36	EA	87.38	RIGHT OF WAY MARKERS	3145.68
660-0808	186	LF	85.81	SAN SEWER PIPE, 8 IN, DUCTILE IRON	15960.66
660-0818	130	LF	442.00	SAN SEWER PIPE, 18 IN, DUCTILE IRON	57460.00
668-1100	3	EA	1736.57	CATCH BASIN, GP 1	5209.71
668-1110	3	LF	180.02	CATCH BASIN, GP 1, ADDL DEPTH	540.06
668-2100	2	EA	2758.35	DROP INLET, GP 1	5516.70
668-2110	2	LF	253.85	DROP INLET, GP 1, ADDL DEPTH	507.70
668-3300	3	EA	2571.73	SAN SEWER MANHOLE, TP 1	7715.19
668-3311	10	LF	291.55	SAN SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	2915.50
668-4300	4	EA	1739.23	STORM SEWER MANHOLE, TP 1	6956.92
668-4311	5	LF	210.96	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	1054.80

**Section Sub Total: \$630,734.42**

### Section Signing & Marking

Item Number	Quantity	Units	Unit Price	Item Description	Cost
635-1000	200	LF	73.09	BARRICADES	14618.00
636-1014	45	SF	12.19	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 1	548.55
636-1020	27	SF	13.52	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	365.04
636-2010	70	LF	7.21	GALV STEEL POSTS, TP 1	504.70
636-3010	1	EA	297.78	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	297.78
639-3004	3	EA	7767.80	STEEL STRAIN POLE, TP IV	23303.40
652-0110	1	EA	37.16	PAVEMENT MARKING, ARROW, TP 1	37.16
652-0120	4	EA	45.77	PAVEMENT MARKING, ARROW, TP 2	183.08
653-1501	1300	LF	0.26	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	338.00
653-1704	150	LF	3.29	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	493.50
653-1804	1500	LF	1.68	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	2520.00
653-3810	880	GLF	0.36	THERMOPLASTIC SKIP TRAF STRIPE, 10 IN, WHITE	316.80
654-1003	32	EA	3.29	RAISED PVMT MARKERS TP 3	105.28

**Section Sub Total: \$43,631.29**

### Section Erosion

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0550	13	EA	244.96	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	3184.48
165-0030	712	LF	1.18	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	840.16
165-0105	13	EA	88.82	MAINTENANCE OF INLET SEDIMENT TRAP	1154.66
171-0030	1424	LF	3.22	TEMPORARY SILT FENCE, TYPE C	4585.28

**Section Sub Total: \$9,764.58**

**Total Estimated Cost: \$15,588,102.12**

**Subtotal Construction Cost \$15,588,102.12**

E&C Rate 10.0 % \$1,558,810.21

Inflation Rate 0.0 % @ 0.0 Years \$0.00

---

**Total Construction Cost \$17,146,912.33**

Right Of Way \$0.00

ReImb. Utilities \$0.00

---

**Grand Total Project Cost \$17,146,912.33**

LOCATION MAP  
BRMLB-9161(1), FULTON COUNTY  
P.I. 752520

