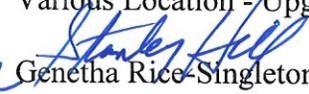


**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE CSSTP-0007-00(912), Fulton County **OFFICE** Program Delivery
P.I. No. 0007912
SR 154/Memorial Drive @ 12 Locations & **DATE** 20 February 2013
Various Location - Upgrade Signal Equipment

FROM  Genetha Rice-Singleton., 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 consists of upgrading traffic signal equipment at eighteen locations in Fulton County. The purpose of this project is to improve the overall efficiency and traffic flow through upgrading the traffic signal displays and installing state of the art traffic signal control equipment. This project will also provide better signal coordination, and increase pedestrian mobility by installing crosswalks, pedestrian signals and sidewalk ramps where appropriate.

Concept Approval Date: There is no approved concept for this project. Concept reports for signal upgrade projects were not being developed at the time of programming.

Concept Update: N/A

Environmental Document Type, Approval Date: Programmatic Categorical Exclusion (PCE) was approved 23 April 2012.

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 Traffic Signal Upgrade Program.

CSSTP-0007-00(912), Fulton County

PI No. 0007912

20 February 2013

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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.

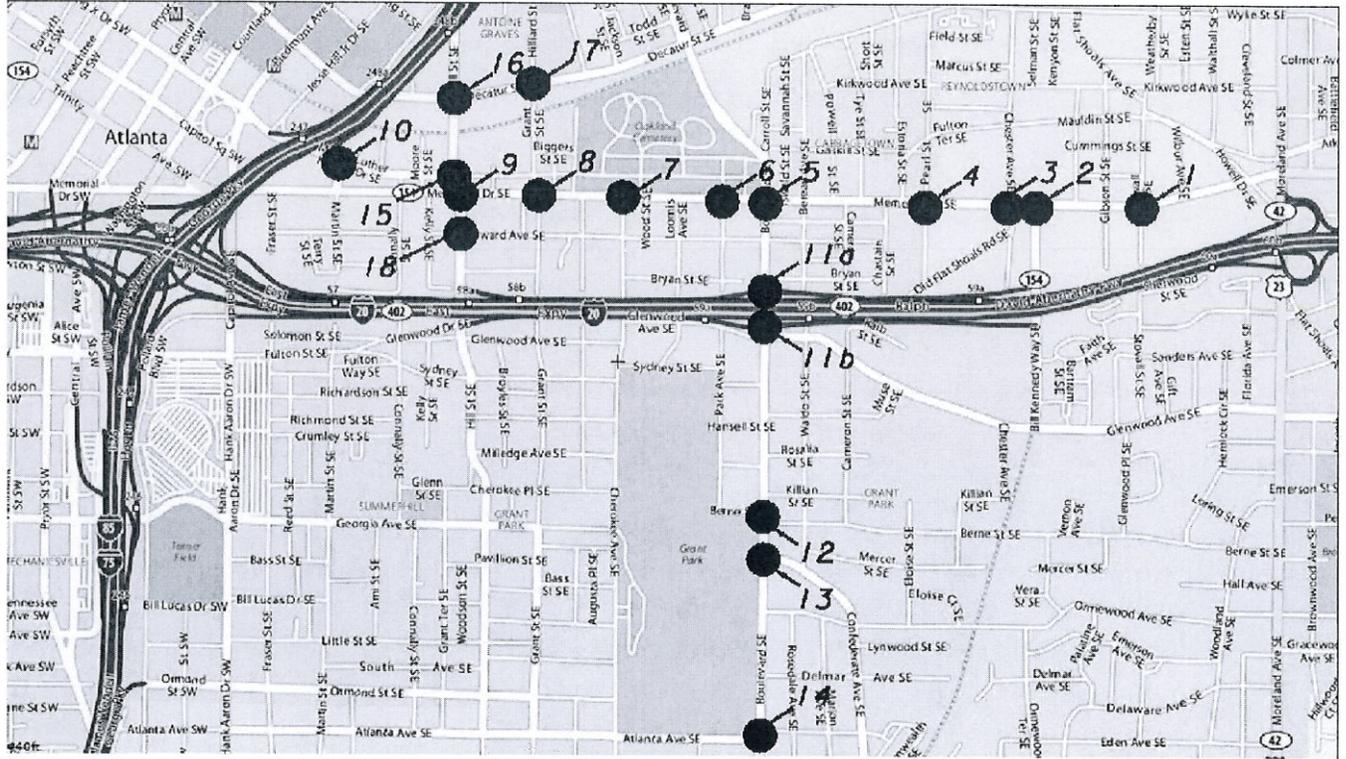
RECOMMEND: N/A.
Director of Engineering

APPROVE: Qell R M=My 3/1/13
Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: MARCH 4, 2013
(To be entered by the State Conceptual Design Group Manager)

S.H.
Attachments:

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



SKETCH MAP
Project: CSSTP-0007-00(912), Fulton County
P.I. No. 0007912

NOTICE OF LOCATION AND DESIGN APPROVAL

CSSTP-0007-00(912), Fulton County
PI No. 0007912
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**PROJECT: CSSTP-0007-00(912), Fulton County,
P.I. NO.: 0007912**

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: MARCH 7, 2013

This signal upgrade project is located in Fulton County, and completely within the City of Atlanta in Land District 14. Construction will take place at several signalized intersections along State Route 154, MLK Drive, Boulevard, Hill Street, Bell Street, Hilliard Street, and Hill Street.

This project consists of upgrading traffic signal equipment at eighteen locations in Fulton County. The purpose of this project is to improve the overall efficiency and safety of traffic flow through upgrading the traffic signal displays and installing state of the art traffic signal control equipment. This project will also provide better signal coordination, and increase pedestrian mobility by installing crosswalks, pedestrian signals and sidewalk ramps where appropriate

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:

Persephone Goodwin
District 7, Area 4 Engineer
276 Memorial Drive, SW
Atlanta, GA 30303
(404) 853-0401
email: pgoodwin@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:

Genetha Rice-Singleton
State Program Delivery Engineer
Office of Program Delivery
600 West Peachtree St NW, 25th floor
Atlanta, Georgia 30308
(404) 631-1122
Email: grice-singleton@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

DETAILED COST ESTIMATE



Job: 0007912

JOB NUMBER 0007912

FED/STATE PROJECT NUMBER

SPEC YEAR: 01

DESCRIPTION: MEMORIAL DRIVE SIGNAL UPGRADES
FULTON COUNTY

ITEMS FOR JOB 0007912

26 - SIGNING & MARKING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0030	210-0100	1.000	LS	\$20,000.00000	GRADING COMPLETE - (CSSTP-0007-00(912))	\$20,000.00
0035	441-0104	667.000	SY	\$48.61500	CONC SIDEWALK, 4 IN	\$32,426.21
0040	441-0108	215.000	SY	\$71.41122	CONC SIDEWALK, 8 IN	\$15,353.41
0045	441-0748	8.000	SY	\$54.94587	CONC MEDIAN, 6 IN	\$439.57
0050	441-5001	15.000	LF	\$16.13889	CONC HEADER CURB, 4", TP 1	\$242.08
0055	441-5002	510.000	LF	\$13.10752	CONC HEADER CURB, 6", TP 2	\$6,684.84
0060	441-5003	60.000	LF	\$17.69876	CONC HEADER CURB, 8", TP 3	\$1,061.93
0065	441-6222	805.000	LF	\$21.22845	CONC CURB & GUTTER/ 8"X30"TP2	\$17,088.90
0300	653-0120	7.000	EA	\$80.01512	THERM PVMT MARK, ARROW, TP 2	\$560.11
0305	653-0130	2.000	EA	\$112.19552	THERM PVMT MARK, ARROW, TP 3	\$224.39
0310	653-1501	675.000	LF	\$0.64569	THERMO SOLID TRAF ST 5 IN, WHI	\$435.84
0315	653-1502	1260.000	LF	\$0.64575	THERMO SOLID TRAF ST, 5 IN YEL	\$813.65
0320	653-1704	1443.000	LF	\$3.69252	THERM SOLID TRAF STRIPE,24",WH	\$5,328.31
0325	653-1804	13378.000	LF	\$2.14832	THERM SOLID TRAF STRIPE, 8",WH	\$28,740.22
SUBTOTAL FOR SIGNING & MARKING:						\$129,399.46

27 - TRAFFIC SIGNALS

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$170,000.00000	TRAFFIC CONTROL - (CSSTP-0007-00(912))	\$170,000.00
0070	615-1200	3871.000	LF	\$9.82910	DIRECTIONAL BORE - 5-IN	\$38,048.45
0075	615-1200	320.000	LF	\$13.34925	DIRECTIONAL BORE - 7-IN	\$4,271.76
0080	634-1200	7.000	EA	\$114.63658	RIGHT OF WAY MARKERS	\$802.46
0085	636-1041	740.000	SF	\$39.46709	HWY SIGNS, TP 2MAT,REFL SH TP 9	\$29,205.65
0095	639-3004	4.000	EA	\$12,705.16501	STEEL STRAIN POLE, TP IV , WITH 25-FT MASTARM	\$50,820.66
0100	639-3004	8.000	EA	\$13,205.16501	STEEL STRAIN POLE, TP IV , WITH 30-FT MASTARM	\$105,641.32
0105	639-3004	4.000	EA	\$13,705.16501	STEEL STRAIN POLE, TP IV , WITH 35-FT MASTARM	\$54,820.66
0110	639-3004	2.000	EA	\$14,205.16501	STEEL STRAIN POLE, TP IV , WITH 40-FT MASTARM	\$28,410.33
0115	639-3004	4.000	EA	\$15,705.16501	STEEL STRAIN POLE, TP IV , WITH 55-FT MASTARM	\$62,820.66
0120	639-3004	1.000	EA	\$16,272.28426	STEEL STRAIN POLE, TP IV , WITH 60-FT MASTARM	\$16,272.28
0125	639-3004	1.000	EA	\$16,772.28426	STEEL STRAIN POLE, TP IV , WITH 65-FT MASTARM	\$16,772.28
0130	639-3004	1.000	EA	\$18,772.28426	STEEL STRAIN POLE, TP IV , WITH 20-FT AND 65-FT MASTARMS	\$18,772.28
0135	639-3004	1.000	EA	\$16,072.28426	STEEL STRAIN POLE, TP IV , WITH 2 25-FT MASTARMS	\$16,072.28
0140	639-3004	1.000	EA	\$17,072.28426	STEEL STRAIN POLE, TP IV , WITH 25-FT AND 35-FT MASTARMS	\$17,072.28
0145	639-3004	1.000	EA	\$18,072.28426	STEEL STRAIN POLE, TP IV , WITH 25-FT AND 45-FT MASTARMS	\$18,072.28
0150	639-3004	2.000	EA	\$18,705.16501	STEEL STRAIN POLE, TP IV , WITH 30-FT AND 45-FT MASTARMS	\$37,410.33
0155	639-3004	1.000	EA	\$19,772.28426	STEEL STRAIN POLE, TP IV , WITH 30-FT AND 55-FT MASTARMS	\$19,772.28
0160	639-3004	2.000	EA	\$18,205.16501	STEEL STRAIN POLE, TP IV , WITH 2 35-FT MASTARMS	\$36,410.33

DETAILED COST ESTIMATE



Job: 0007912

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0165	639-3004	2.000	EA	\$18,772.28426	STEEL STRAIN POLE, TP IV , WITH 35-FT AND 40-FT MASTARMS	\$37,544.57
0170	639-3004	1.000	EA	\$19,272.28426	STEEL STRAIN POLE, TP IV , WITH 35-FT AND 45-FT MASTARMS	\$19,272.28
0175	639-3004	2.000	EA	\$19,705.16501	STEEL STRAIN POLE, TP IV , WITH 35-FT AND 50-FT MASTARMS	\$39,410.33
0180	639-3004	6.000	EA	\$20,205.16501	STEEL STRAIN POLE, TP IV ,WITH 35-FT AND 55-FT MASTARMS	\$121,230.99
0185	639-3004	7.000	EA	\$19,705.16501	STEEL STRAIN POLE, TP IV , WITH 40-FT AND 45-FT MASTARMS	\$137,936.16
0190	639-3004	1.000	EA	\$21,772.28426	STEEL STRAIN POLE, TP IV , WITH 40-FT AND 65-FT MASTARMS	\$21,772.28
0195	639-3004	1.000	EA	\$20,772.28426	STEEL STRAIN POLE, TP IV , WITH 45-FT AND 50-FT MASTARMS	\$20,772.28
0200	639-3004	1.000	EA	\$22,072.28426	STEEL STRAIN POLE, TP IV , WITH 55-FT AND 60-FT MASTARMS	\$22,072.28
0205	647-1000	1.000	LS	\$70,800.00000	TRAF SIGNAL INSTALLATION NO - 1	\$70,800.00
0210	647-1000	1.000	LS	\$63,600.00000	TRAF SIGNAL INSTALLATION NO - 2	\$63,600.00
0215	647-1000	1.000	LS	\$69,500.00000	TRAF SIGNAL INSTALLATION NO - 3	\$69,500.00
0220	647-1000	1.000	LS	\$70,400.00000	TRAF SIGNAL INSTALLATION NO - 4	\$70,400.00
0225	647-1000	1.000	LS	\$73,000.00000	TRAF SIGNAL INSTALLATION NO - 5	\$73,000.00
0230	647-1000	1.000	LS	\$63,200.00000	TRAF SIGNAL INSTALLATION NO - 6	\$63,200.00
0235	647-1000	1.000	LS	\$63,200.00000	TRAF SIGNAL INSTALLATION NO - 7	\$63,200.00
0240	647-1000	1.000	LS	\$71,800.00000	TRAF SIGNAL INSTALLATION NO - 8	\$71,800.00
0245	647-1000	1.000	LS	\$71,200.00000	TRAF SIGNAL INSTALLATION NO - 9	\$71,200.00
0250	647-1000	1.000	LS	\$66,900.00000	TRAF SIGNAL INSTALLATION NO - 10	\$66,900.00
0255	647-1000	1.000	LS	\$111,700.00000	TRAF SIGNAL INSTALLATION NO - 11	\$111,700.00
0260	647-1000	1.000	LS	\$79,100.00000	TRAF SIGNAL INSTALLATION NO - 12	\$79,100.00
0265	647-1000	1.000	LS	\$67,800.00000	TRAF SIGNAL INSTALLATION NO - 13	\$67,800.00
0270	647-1000	1.000	LS	\$75,900.00000	TRAF SIGNAL INSTALLATION NO - 14	\$75,900.00
0275	647-1000	1.000	LS	\$70,700.00000	TRAF SIGNAL INSTALLATION NO - 15	\$70,700.00
0280	647-1000	1.000	LS	\$69,700.00000	TRAF SIGNAL INSTALLATION NO - 16	\$69,700.00
0285	647-1000	1.000	LS	\$69,900.00000	TRAF SIGNAL INSTALLATION NO - 17	\$69,900.00
0290	647-1000	1.000	LS	\$67,400.00000	TRAF SIGNAL INSTALLATION NO - 18	\$67,400.00
0295	647-2160	13.000	EA	\$1,129.60399	PULL BOX, PB-6	\$14,684.85
0340	687-1050	1.000	LS	\$36,000.00000	TRAFFIC SIGNAL DATABASE CONVERSION	\$36,000.00
0435	937-1000	38.000	EA	\$3,257.01394	VIDEO CAMERA SENSOR ASSEMBLY	\$123,766.53
0440	937-8000	1.000	LS	\$10,000.00000	TESTING	\$10,000.00
SUBTOTAL FOR TRAFFIC SIGNALS:						\$2,641,731.12

DETAILED COST ESTIMATE



Job: 0007912

28 - COMMUNICATION

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0090	639-2001	14167.000	LF	\$1.55856	STEEL WIRE STRAND CABLE, 1/4"	\$22,080.12
0330	682-6222	1039.000	LF	\$6.55428	CONDUIT, NONMETL, TP 2, 2 IN	\$6,809.90
0335	682-6233	11574.000	LF	\$2.10340	CONDUIT, NONMETL, TP 3, 2 IN	\$24,344.75
0365	927-0300	2.000	EA	\$2,096.86000	2070 MNT SPRD SPEC WIRE. TRANS. W/ RS	\$4,193.72
0370	927-0400	1.000	EA	\$3,073.49467	SLF CNT SPRD SPEC WIRE. RADIO REPEAT	\$3,073.49
0375	927-0500	4.000	EA	\$455.25786	DIRECTIONAL RADIO ANT AND CONNECT CABLE	\$1,821.03
0380	927-0700	1.000	EA	\$1,000.00000	ANTENNA POWER DIVIDER	\$1,000.00
0385	927-0800	1.000	EA	\$7,007.95571	SPREAD SPECTRUM WIRELESS RADIO SURVEY	\$7,007.96
0390	927-0900	1.000	LS	\$7,000.00000	SPREAD SPECTRUM WIRELESS TRAINING	\$7,000.00
0395	935-1113	17902.000	LF	\$1.10647	OUT PLNT FBR OPT CBL,LOOSE TB,SM,24 FBR	\$19,808.03
0400	935-1511	1318.000	LF	\$1.41015	OUT PLNT FBR OPT CBL,DROP,SM,6 FBR	\$1,858.58
0405	935-3201	22.000	EA	\$495.55377	FBR OPTIC CLOSURE,AERL(SLD),6 FBR	\$10,902.18
0410	935-3602	18.000	EA	\$523.28123	FBR. OP. CLOS., FDC PRE-TERM., TYP. A, 6	\$9,419.06
0415	935-4010	108.000	EA	\$46.24138	FIBER OPTIC SPLICE, FUSION	\$4,994.07
0420	935-5060	54.000	EA	\$192.31532	FIBER OPTIC SNOWSHOE	\$10,385.03
0425	935-6562	18.000	EA	\$1,875.28824	EXT TRNSCVR,DRP&RPT,1310SM,(SIGNAL JOBS)	\$33,755.19
0430	935-8000	1.000	LS	\$20,000.00000	TESTING	\$20,000.00
SUBTOTAL FOR COMMUNICATION:						\$188,453.11

56 - EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0010	163-0232	0.500	AC	\$452.69864	TEMPORARY GRASSING	\$226.35
0015	163-0240	5.000	TN	\$291.95522	MULCH	\$1,459.78
0020	165-0030	7864.000	LF	\$0.77877	MAINT OF TEMP SILT FENCE, TP C	\$6,124.25
0025	171-0030	7864.000	LF	\$1.86009	TEMPORARY SILT FENCE, TYPE C	\$14,627.75
0345	700-6910	1.000	AC	\$383.39000	PERMANENT GRASSING	\$383.39
0350	700-7000	5.000	TN	\$95.78623	AGRICULTURAL LIME	\$478.93
0355	700-8000	2.000	TN	\$424.68296	FERTILIZER MIXED GRADE	\$849.37
0360	700-8100	50.000	LB	\$1.80637	FERTILIZER NITROGEN CONTENT	\$90.32
SUBTOTAL FOR EROSION CONTROL:						\$24,240.14

TOTALS FOR JOB 0007912

ITEMS COST:	\$2,983,823.83
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$2,983,823.83
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.00
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$2,983,823.83