

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. # 0010117

OFFICE Design Policy & Support

Berrien County
GDOT District 4 - Tifton
Signal Upgrades in City of Nashville
SR 11 @ SR 125; @ SR 168 & CS 798

DATE December 20, 2012

FROM  for 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
Kathy Zahul, State Traffic Engineer
Phil Copeland, State Right-of-Way Administrator
Lisa Myers, State Project Review Engineer
Cindy VanDyke, State Transportation Planning Administrator
Ken Thompson, Location Bureau Chief
Angela Robinson, Financial Management Administrator
Joe Sheffield, District Engineer
Brent Thomas, District Preconstruction Engineer
Shane Pridgen, District Planning & Programming Engineer
Keith Carver, Area Engineer - D4, A2
Charity Belford, Project Manager
BOARD MEMBER - 1st Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0010117, Berrien County
SR 11 @ SR 125; @ SR 168 & @ CS 798
SIGNAL UPGRADES

OFFICE Program Delivery
DATE December 19, 2012

FROM ^{S.H.} Genetha Rice-Singleton, State Program Delivery Engineer

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

SUBJECT Subject

Description and Project Proposal: This project is located within the City of Nashville. This project consists of traffic signalization upgrades including LED vehicular signals, countdown pedestrian signals, countdown pedestrian signals, ADA wheelchair ramps and crosswalk striping at three intersections in Berrien County.

Concept Approval Date: *January 18, 2012*

Concept Update: *N/A*

Environmental Assessment and Reassessment Approval Date: The Categorical Exclusion (CE) for this project was approved October 30, 2012

Public Involvement:

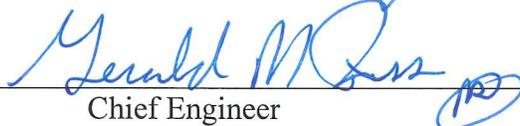
Public Hearing Open House Results: *N/A*
Public Information Open House: *N/A*

Consistency with Approved Planning:

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

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

RECOMMEND: 
Director of Engineering

APPROVE: 
Chief Engineer

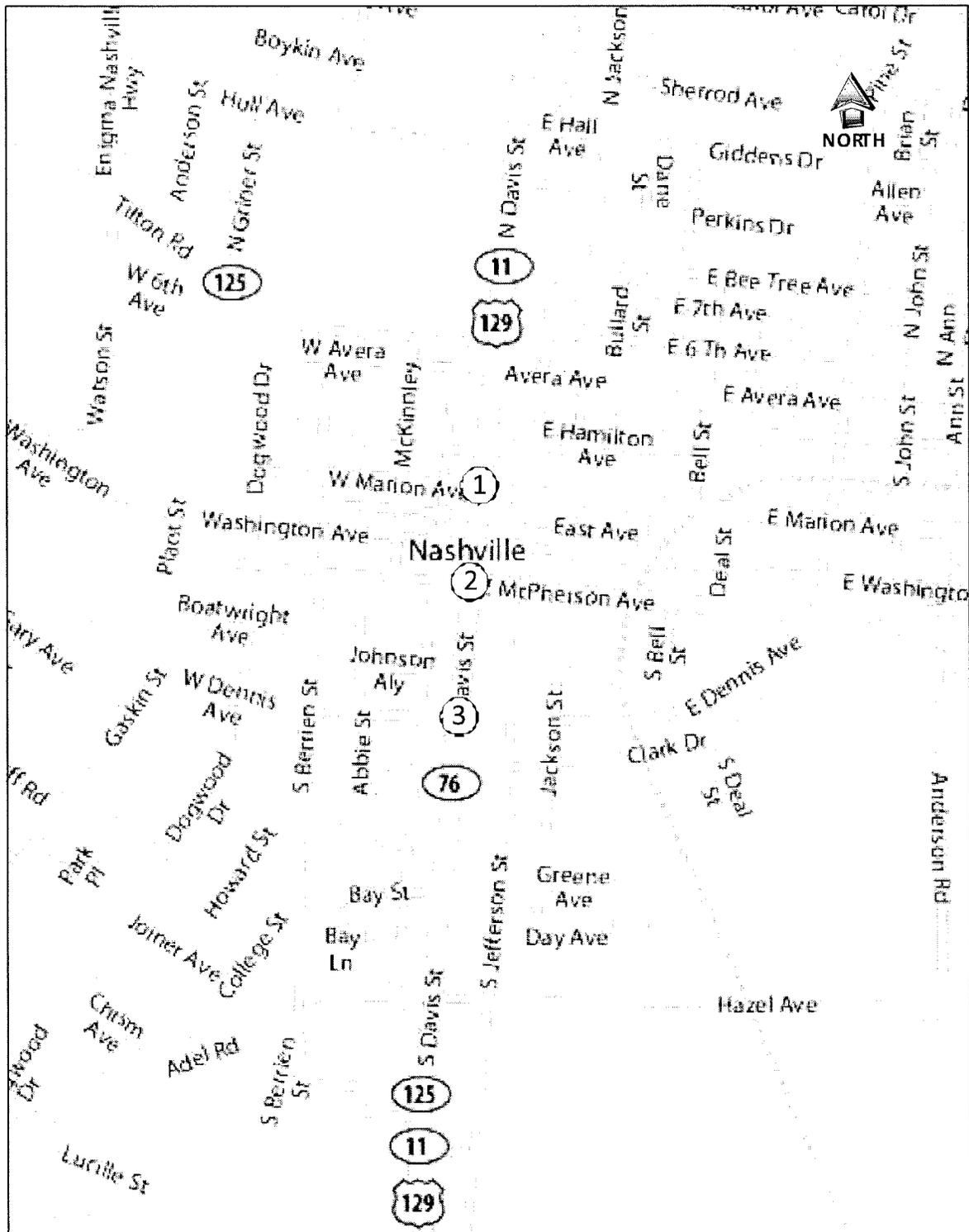
12/20/12
Date

DATE OF LOCATION AND DESIGN APPROVAL: December 20, 2012
(To be entered by the State Conceptual
Design Group Manager)

Attachments:

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

LOCATION MAP



DETAILED COST ESTIMATE



Job: 0010117-2

JOB NUMBER: 0010117-2

FED/STATE PROJECT NUMBER

SPEC YEAR: 01

DESCRIPTION: BERRIEN SIGNALS

ITEMS FOR JOB 0010117-2

0010 - ROADWAY

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0278	400-3600	1.000	TN	\$100.00000	ASPH CONC 9.5 MM SMA,GP2,INCL P-MBM&HL	\$100.00
0003	441-0104	84.000	SY	\$34.74404	CONC SIDEWALK, 4 IN	\$2,918.50
0253	441-0108	46.000	SY	\$42.11783	CONC SIDEWALK, 8 IN	\$1,937.42
0258	441-0748	261.000	SY	\$45.67358	CONC MEDIAN, 6 IN	\$11,920.80
0263	441-5002	30.000	LF	\$19.76733	CONC HEADER CURB, 6", TP 2	\$593.02
0063	441-6222	283.000	LF	\$22.80435	CONC CURB & GUTTER/ 8"X30"TP2	\$6,453.63
SUBTOTAL FOR ROADWAY:						\$23,923.37

0020 - SIGNAL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0203	150-1000	1.000	LS	\$17,011.12000	TRAFFIC CONTROL - 6 PERCENT	\$17,011.12
0068	615-1200	395.000	LF	\$14.53973	DIRECTIONAL BORE - 3 INCH	\$5,743.19
0243	615-1200	330.000	LF	\$14.81884	DIRECTIONAL BORE - 5 INCH	\$4,890.22
0248	615-1200	155.000	LF	\$16.05173	DIRECTIONAL BORE - 7 INCH	\$2,488.02
0073	636-1041	255.000	SF	\$18.75816	HWY SIGNS,TP 2MAT,REFL SH TP 9	\$4,783.33
0083	639-3004	1.000	EA	\$13,432.12500	STEEL STRAIN POLE, TP IV 30FT-50FT MASTARMS	\$13,432.13
0213	639-3004	1.000	EA	\$12,932.12500	STEEL STRAIN POLE, TP IV 20FT-45FT MASTARMS	\$12,932.13
0218	639-3004	1.000	EA	\$12,432.12500	STEEL STRAIN POLE, TP IV 30FT-40FT MASTARMS	\$12,432.13
0223	639-3004	1.000	EA	\$13,932.12500	STEEL STRAIN POLE, TP IV 30FT-55FT MASTARMS	\$13,932.13
0088	639-4004	3.000	EA	\$5,235.32877	STRAIN POLE, TP IV	\$15,705.99
0002	647-1000	1.000	LS	\$26,896.00000	TRAF SIGNAL INSTALLATION NO - 3	\$26,896.00
0008	647-1000	1.000	LS	\$27,634.00000	TRAF SIGNAL INSTALLATION NO - 1	\$27,634.00
0013	647-1000	1.000	LS	\$30,525.00000	TRAF SIGNAL INSTALLATION NO - 2	\$30,525.00
0123	653-0120	8.000	EA	\$81.04104	THERM PVMT MARK, ARROW, TP 2	\$648.33
0228	653-0130	6.000	EA	\$130.43560	THERM PVMT MARK, ARROW, TP 3	\$782.61
0233	653-0210	1.000	EA	\$100.75822	THERM PVMT MARK, WORD , TP 1	\$100.76
0128	653-1501	650.000	LF	\$0.53991	THERMO SOLID TRAF ST 5 IN, WHI	\$350.94
0133	653-1502	640.000	LF	\$0.57312	THERMO SOLID TRAF ST, 5 IN YEL	\$366.80
0138	653-1704	254.000	LF	\$3.20960	THERM SOLID TRAF STRIPE,24",WH	\$815.24
0143	653-1804	2292.000	LF	\$1.62982	THERM SOLID TRAF STRIPE, 8",WH	\$3,735.55
0148	682-6233	1650.000	LF	\$3.54321	CONDUIT, NONMETL, TP 3, 2 IN	\$5,846.30
0238	687-1000	1.000	LS	\$15,000.00000	TRAFFIC SIGNAL TIMING - 3 INTERSECTIONS	\$15,000.00
0178	927-0300	3.000	EA	\$2,088.00279	2070 MNT SPRD SPEC WIRE. TRANS. W/ RS	\$6,264.01
0283	927-0500	4.000	EA	\$840.41152	DIRECTIONAL RADIO ANT AND CONNECT CABLE	\$3,361.65
0288	927-0700	1.000	EA	\$716.52690	ANTENNA POWER DIVIDER	\$716.53
0293	927-0800	1.000	EA	\$4,244.38111	SPREAD SPECTRUM WIRELESS RADIO SURVEY	\$4,244.38
0298	927-0900	1.000	LS	\$3,200.00000	SPREAD SPECTRUM WIRELESS TRAINING	\$3,200.00
0168	937-6050	8.000	EA	\$4,231.65284	INT VIDEO DET SYS ASMBLY, TP A	\$33,853.22
0173	937-6150	1.000	EA	\$453.54833	PROGRAMMING MONITOR, TP A	\$453.55
0208	937-8000	1.000	LS	\$2,200.00000	TESTING	\$2,200.00
SUBTOTAL FOR SIGNAL:						\$270,345.26

DETAILED COST ESTIMATE



Job: 0010117-2

0030 - EROSION

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0093	163-0232	0.100	AC	\$374.72698	TEMPORARY GRASSING	\$37.47
0098	163-0240	0.500	TN	\$177.92072	MULCH	\$88.96
0103	163-0529	1750.000	LF	\$2.99683	CNST/REM TEMP SED BAR OR BLD STRW CK DM	\$5,244.45
0108	165-0071	875.000	LF	\$0.67909	MAINT OF SEDIMENT BARRIER - BALED STRAW	\$594.20
0268	700-6910	0.100	AC	\$1,216.50059	PERMANENT GRASSING	\$121.65
0153	700-7000	0.500	TN	\$86.39680	AGRICULTURAL LIME	\$43.20
0158	700-7010	0.400	GL	\$23.69785	LIQUID LIME	\$9.48
0163	700-8000	0.200	TN	\$518.86250	FERTILIZER MIXED GRADE	\$103.77
0273	700-8100	5.000	LB	\$3.58745	FERTILIZER NITROGEN CONTENT	\$17.94
SUBTOTAL FOR EROSION:						\$6,261.12

TOTALS FOR JOB 0010117-2

ITEMS COST:	\$300,529.75
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$300,529.75
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.00
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$300,529.75

NOTICE OF LOCATION AND DESIGN APPROVAL

P. I. NUMBER 0010117, Berrien County

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 December 20, 2012.

This project is located within the City of Nashville. This project consists of traffic signalization upgrades including LED vehicular signals, countdown pedestrian signals, ADA wheelchair ramps and crosswalk striping at three intersections in Berrien County. This project is located in GMD 1157.

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:

*Keith Carver
District 4, Douglas Area Engineer
E-Mail: kcarver@dot.ga.gov
1835 S. Peterson Ave.
Douglas, GA 31535
Phone: (912) 389-4201*

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
Email: grice-singleton@dot.ga.gov
600 West Peachtree St NW, 25th floor
Atlanta, Georgia 30308
(404) 631-1122*

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.