

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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

**FILE** P.I. #0012815 **OFFICE** Design Policy & Support  
DeKalb County  
GDOT District 7 - Metro Atlanta **DATE** May 31, 2016  
I-20 @ 2 Locations & SR 12 @ 8 Locations

**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:**

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  
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Eric Duff, State Environmental Administrator  
Bill DuVall, State Bridge Engineer  
Andrew Heath, State Traffic Engineer  
Angela Robinson, Financial Management Administrator  
Lisa Myers, State Project Review Engineer  
Richard Cobb, Location Bureau Chief  
Kathy Zahul, District Engineer  
Scott Lee, District Preconstruction Engineer  
Scott Lee for District Planning & Programming Engineer  
Brad Humphrey, Area Engineer - D7, A1  
Xavier James, Project Manager  
BOARD MEMBER - 4th Congressional District

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTEROFFICE CORRESPONDENCE  
LOCATION AND DESIGN REPORT

FILE P.I. 0012815  
DeKalb County  
I-20 @ 2 LOCS & SR 12  
@ 8 LOCS IN DEKALB

OFFICE Office of Program Delivery  
DATE March 11, 2016

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

*Albert Shelby*  
*C.D.B. / KAT*

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

**SUBJECT Request for Location and Design Approval**

**Description and Project Proposal:** The proposed project is located in DeKalb County near the City of Lithonia. The approximate length of the project is 5 miles and will consist of traffic signalization upgrades, including LED vehicular signals, countdown pedestrian signals, ADA curb ramps, and crosswalks striping for intersections at Miller Rd and DeKalb Medical Pkwy. The installation of new 48 single mode fiber optic cable trunk line for communications from Young Rd to Evans Mill Rd on SR 12 will tie into the existing 72 single mode fiber optic trunk line to the west of Young Rd, with 12 single mode fiber optic drop cable to all intersections between Young and Evans Mill Roads. The new 48 single mode fiber optic cable trunk line installation will continue on Evans Mill Rd to Hillandale Dr and will tie to the existing 48 single mode fiber at Hillandale Dr. The intersections included in this project are listed below:

- SR 12/US 278 (Covington Hwy) @ Young Rd (Comm only)
- SR 12/US 278 (Covington Hwy) @ Miller Rd
- SR 12/US 278 (Covington Hwy) @ Panola Rd (Comm only)
- SR 12/US 278 (Covington Hwy) @ Wellborn Rd (Comm only)
- SR 12/US 278 (Covington Hwy) @ DeKalb Medical Pkwy
- SR 12/US 278 (Covington Hwy) @ Phillips Rd (Comm only)
- SR 12/US 278 (Covington Hwy) @ Lithonia Ind Blvd (Comm only)
- SR 12/US 278 (Covington Hwy) @ Evans Mill Rd (Comm only)

**Concept Approval Date:** March 3, 2015.

**Concept Update:** There are no updates to the project concept.

**Environmental Document:**

Document Type: Programmatic Categorical Exclusion

Approval Date:

*May 27, 2016*

**Temporary State Route Needed:**  No  Yes  Undetermined

**Public Involvement:** No Public Meetings have been conducted for this project.

**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:** Hyal Patel  
GDOT Director of Engineering

**Approve:** Margaret B. Pirkle 3.24.16  
GDOT Chief Engineer Date

**DATE OF LOCATION AND DESIGN APPROVAL:** May 31, 2016

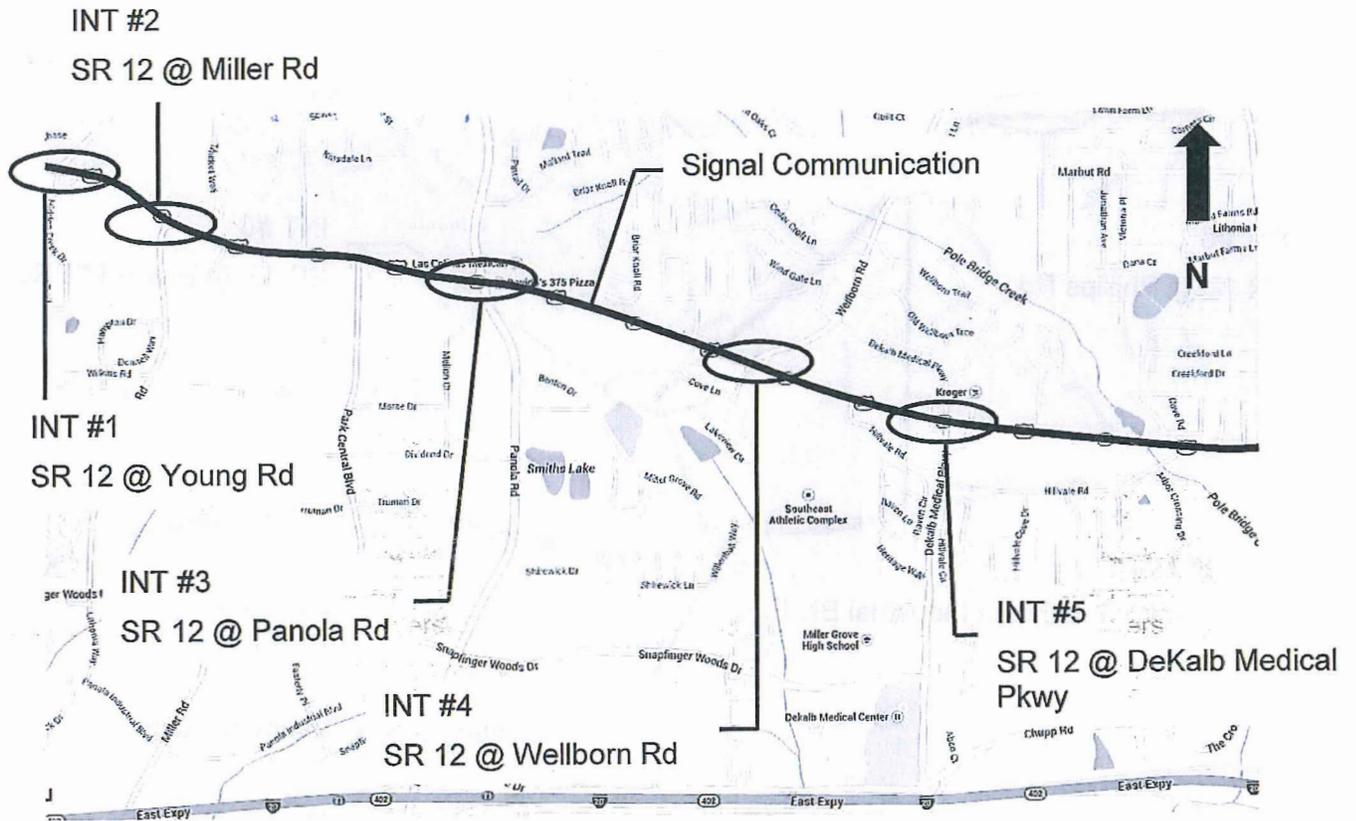
Attachments:

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

P.I. Number: 0012815

County: DeKalb

## PROJECT LOCATION





## STATE HIGHWAY AGENCY

DATE : 03/07/2016

PAGE : 1

## JOB ESTIMATE REPORT

JOB NUMBER : PI0012815                      SPEC YEAR: 13  
 DESCRIPTION: TRAFFIC SIGNAL UPGRADE SR 12

## ITEMS FOR JOB PI0012815

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - TRAFFIC CONTROL	1.000	60000.00	60000.00
0008	165-0030		LF	MAINT OF TEMP SILT FENCE, TP C	520.000	0.97	505.51
0009	171-0030		LF	TEMPORARY SILT FENCE, TYPE C	520.000	3.24	1688.59
0015	441-0108		SY	CONC SIDEWALK, 8 IN	170.000	62.83	10682.46
0020	441-6012		LF	CONC CURB & GUTTER/ 6X24TP2	250.000	12.94	3235.59
0025	636-1033		SF	HWY SIGNS, TP1MAT,REFL SH TP 9	51.750	20.94	1083.73
0045	639-3004		EA	STEEL STRAIN POLE, TP IV 40' MAST ARM	1.000	13756.57	13756.57
0050	639-3004		EA	STEEL STRAIN POLE, TP IV 50' MAST ARM	3.000	11107.86	33323.59
0055	639-3004		EA	STEEL STRAIN POLE, TP IV 55' MAST ARM	1.000	13756.57	13756.57
0060	639-3004		EA	STEEL STRAIN POLE, TP IV 60' MAST ARM	1.000	13756.57	13756.57
0065	639-3004		EA	STEEL STRAIN POLE, TP IV 65' MAST ARM	2.000	11153.23	22306.47
0070	647-1000		LS	TRAF SIGNAL INSTALLATION NO - TRAFFIC SIGNAL INSTALLATION #1	1.000	57400.00	57400.00
0075	647-1000		LS	TRAF SIGNAL INSTALLATION NO - TRAFFIC SIGNAL INSTALLATION #2	1.000	61400.00	61400.00
0080	647-2170		EA	PULL BOX, PB-7	4.000	3.00	12.00
0085	653-0120		EA	THERM PVMT MARK, ARROW, TP 2	15.000	86.01	1290.27
0090	653-0130		EA	THERM PVMT MARK, ARROW, TP 3	2.000	109.43	218.88
0095	653-1502		LF	THERMO SOLID TRAF ST, 5 IN YEL	110.000	1.23	135.96
0100	653-1704		LF	THERM SOLID TRAF STRIPE,24,WH	225.000	5.99	1349.23
0105	653-1804		LF	THERM SOLID TRAF STRIPE, 8,WH	2640.000	2.38	6308.31
0110	657-1054		LF	PRF PL SD PVMT MKG,5,WH,TP PB	40.000	5.34	213.79
0115	657-1084		LF	PRF PL SD PVMT MKG,8,WH,TP PB	240.000	5.04	1210.07
0120	657-1244		LF	PRF PL SD PVMT MKG,24,WH,TPPB	14.000	20.49	286.96
0125	682-6120		LF	CONDUIT, RIGID, 2 IN	360.000	11.97	4311.68
0130	682-6222		LF	CONDUIT, NONMETL, TP 2, 2 IN	20.000	7.64	152.92
0135	682-6233		LF	CONDUIT, NONMETL, TP 3, 2 IN	1810.000	3.66	6624.60
0140	682-9950		LF	DIRECTIONAL BORE - 5 IN DIRECTIONAL BORE	900.000	14.00	12600.00
0145	682-9950		LF	DIRECTIONAL BORE - 7 IN DIRECTIONAL BORE	515.000	14.00	7210.00
0150	682-9950		LF	DIRECTIONAL BORE - 9 IN DIRECTIONAL BORE	100.000	14.00	1400.00
0175	935-1115		LF	OUT PLNT FBR OPT CBL,LOOSE TB,SM,48 FBR	27940.000	2.57	71912.53
0180	935-1512		LF	OUT PLNT FBR OPT CBL,DROP,SM,12 FBR	1590.000	2.25	3577.50
0185	935-3205		EA	FBR OPTIC CLOSURE,AERL(SLD),48 FBR	7.000	910.00	6370.00
0190	935-4010		EA	FIBER OPTIC SPLICE, FUSION	240.000	40.40	9696.15
0195	935-5050		EA	FIBER OPTIC PATCH CORD, SM	21.000	6.00	126.00
0200	935-5060		EA	FIBER OPTIC SNOWSHOE	18.000	141.00	2538.00
0205	939-2300		EA	FIELD SWITCH, TYPE A	7.000	1200.00	8400.00
0210	937-6000		EA	MICROWAVE RADAR DETECTION ASSEMBLY	14.000	7000.00	98000.00
ITEM TOTAL							536840.51

STATE HIGHWAY AGENCY

DATE : 03/07/2016  
PAGE : 2

JOB ESTIMATE REPORT

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INFLATED ITEM TOTAL

536840.51

TOTALS FOR JOB PI0012815

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ESTIMATED COST:

536840.50

CONTINGENCY PERCENT ( 5.0 ):

26842.03

ESTIMATED TOTAL:

563682.53

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NOTE: The item totals include all alternate items. The estimated totals include only the low cost alternate items.

# NOTICE OF LOCATION AND DESIGN APPROVAL

## *DeKalb County P. I. 0012815*

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: May 31, 2016

The project is located 100% in DeKalb County (089), Land Lots 26, 71, 72, 89, 90.

The proposed project is located in DeKalb County near the City of Lithonia. The approximate length of the project is 5 miles and will consist of traffic signalization upgrades, including LED vehicular signals, countdown pedestrian signals, ADA curb ramps, and crosswalks striping for intersections at Miller Rd and DeKalb Medical Pkwy.

This project consists of the installation of new 48 single mode fiber optic cable trunk line for communications from Young Rd to Evans Mill Rd on SR 12 will tie into the existing 72 single mode fiber optic trunk line to the west of Young Rd, with 12 single mode fiber optic drop cable to all intersections between Young and Evans Mill Roads. The new 48 single mode fiber optic cable trunk line installation will continue on Evans Mill Rd to Hillandale Dr and will tie to the existing 48 single mode fiber at Hillandale Dr.

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:

*Brad Humphrey  
District 7, Area 1 Engineer  
[jhumphrey@dot.ga.gov](mailto:jhumphrey@dot.ga.gov)  
5025 New Peachtree Road  
Chamblee, GA 30349  
Telephone (770) 216-3921*

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 Administrator  
Attn: Xavier James, Project Manager  
[xjames@dot.ga.gov](mailto:xjames@dot.ga.gov)  
600 West Peachtree Street NW, 25<sup>th</sup> Floor  
Atlanta, GA 30308  
Telephone (404) 631-1583*

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.