

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. #0012846
Lowndes County
GDOT District 4 - Tifton
SR 7, SR 7BU, SR 38 & SR 38BU
Signal Upgrades

OFFICE Design Policy & Support

DATE 6/13/2016

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
Cindy VanDyke, State Transportation Planning Administrator
Eric Duff, State Environmental Administrator
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Richard Cobb, Location Bureau Chief
Chad Hartley, District Engineer
Brent Thomas, District Preconstruction Engineer
Dennis Carter, District Planning & Programming Engineer
Paul Kaspereen, Area Engineer - D4, A1
Matt Bennett, Project Manager
BOARD MEMBER - 8th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0012846 OFFICE Program Delivery
SR 7BU; SR 7SB; SR 38 & SR 38BU
@ 15 LOCS – Signal Upgrades
DATE May 31, 2016

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

TO: Brent A. 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 equipment upgrades, pedestrian accommodations, and to bring intersections to ADA standards at the following intersections:

- SR 38/Hill Ave @ Fry St
- SR 38/Hill Ave/Central Ave @ Forrest St
- SR 38 WE/Central Ave @ N Lee St
- SR 38 WE/Central Ave @ SR 7 BUS/N Ashley St
- SR 38 WE/Central Ave @ SR 7 SB/N Patterson St
- SR 38 WE/Central Ave @ Toombs St
- SR 38 WE/Central Ave @ N Oak St
- SR 38/Hill Ave @ N Oak St
- SR 38/Hill Ave @ Toombs St
- SR 38/Hill Ave @ SR 7 SB/S Patterson St
- SR 38/Hill Ave @ SR 7 BUS/N Ashley St
- SR 38/Hill Ave @ Lee St
- SR 7 BUS/Ashley St @ Valley St
- SR 7 SB/Patterson St @ Valley St
- SR 7 SB/Patterson St @ Magnolia St

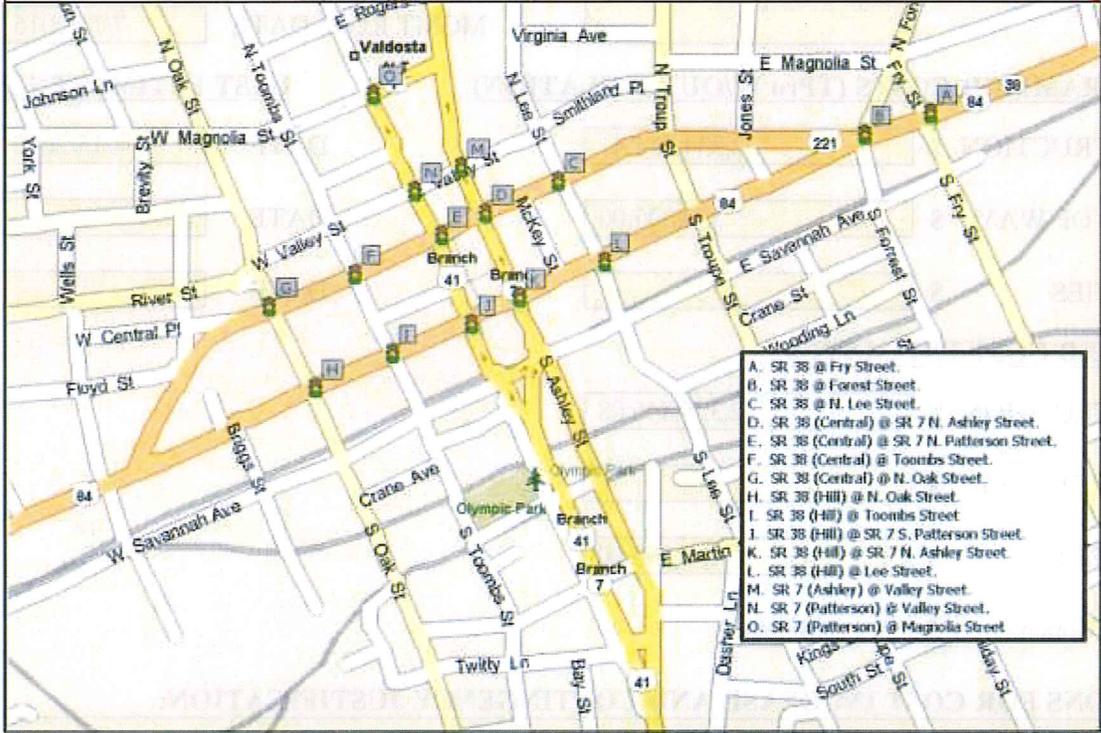
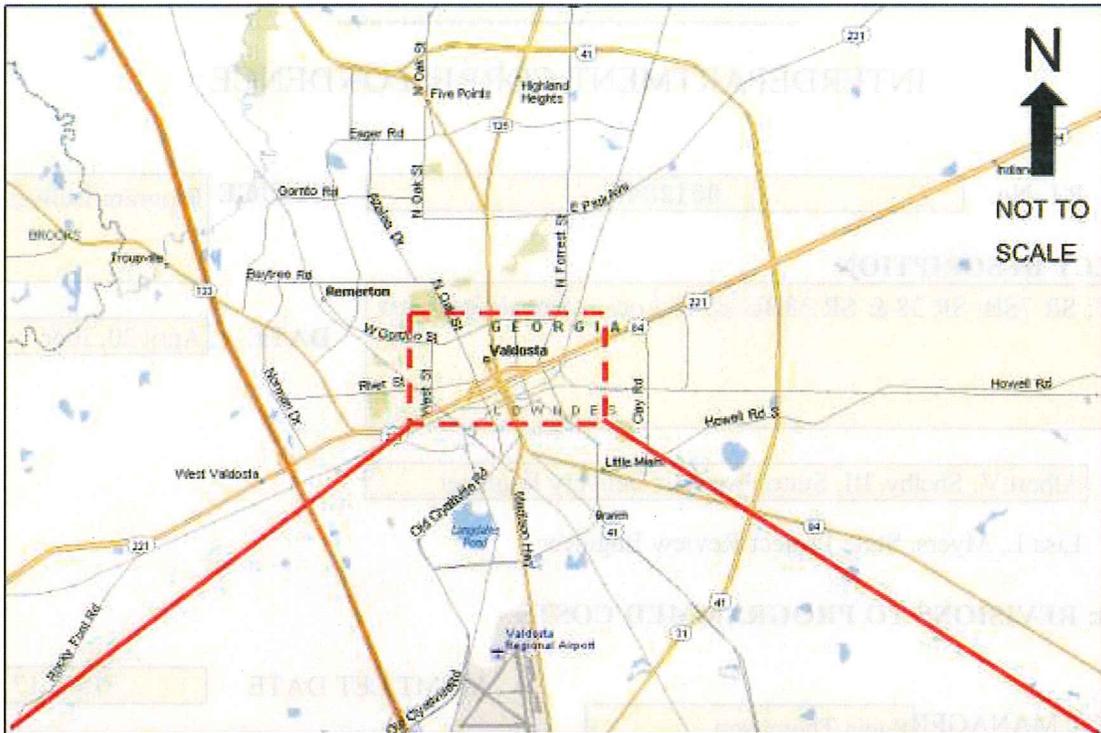
There are fifteen (15) signalized intersections in Lowndes County/ City of Valdosta in need of improvements to address compliance with current GDOT standards, the Manual on Uniform Traffic Control Devices (MUTCD), and the requirements of the Americans with Disabilities Act (ADA). The proposed project will enhance efficiency for vehicular and pedestrian movements at several locations by providing upgraded traffic signal equipment and pedestrian platforms, energy saving LED signal heads, wheelchair ramps, pedestrian signals, and crosswalk striping.

Concept Approval Date: April 30, 2015

Concept Update: Not Applicable.

Environmental Document:

Document Type: Programmatic Categorical Exclusion (PCE)
Approval Date: May 27, 2016



- A. SR 38 @ Fry Street.
- B. SR 38 @ Forest Street.
- C. SR 38 @ N. Lee Street.
- D. SR 38 (Central) @ SR 7 N. Ashley Street.
- E. SR 38 (Central) @ SR 7 N. Patterson Street.
- F. SR 38 (Central) @ Toombs Street.
- G. SR 38 (Central) @ N. Oak Street.
- H. SR 38 (Hill) @ N. Oak Street.
- I. SR 38 (Hill) @ Toombs Street.
- J. SR 38 (Hill) @ SR 7 S. Patterson Street.
- K. SR 38 (Hill) @ SR 7 N. Ashley Street.
- L. SR 38 (Hill) @ Lee Street.
- M. SR 7 (Ashley) @ Valley Street.
- N. SR 7 (Patterson) @ Valley Street.
- O. SR 7 (Patterson) @ Magnolia Street.

0 200 400 600 800

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0012846 **OFFICE** Program Delivery

PROJECT DESCRIPTION

SR 7BU; SR 7SB; SR 38 & SR 38BU @ 15 Locs – Signal Upgrades

DATE April 20, 2016

(Handwritten initials)

From: Albert V. Shelby, III, State Program Delivery Engineer

To: Lisa L. Myers, State Project Review Engineer

Subject: REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER Sonja Thompson **MGMT LET DATE** 7/15/2017
MGMT ROW DATE 7/15/2016

PROGRAMMED COSTS (TPro W/OUT INFLATION)

LAST ESTIMATE UPDAT

CONSTRUCTION \$	2,334,464.41	DATE	4/15/2015
RIGHT OF WAY \$	330,000.00	DATE	
UTILITIES \$		DATE	

REVISED COST ESTIMATES

CONSTRUCTION \$ 2,325,846.08
RIGHT OF WAY \$
UTILITIES \$ 437,800.00

*Cost Contains 5 % Contingency

REASONS FOR COST INCREASE AND CONTINGENCY JUSTIFICATION:

Updated CES and using a contingency of 5%.

CONTINGENCY SUMMARY

A. CONSTRUCTION COST ESTIMATE:	\$	2,109,610.96	Base Estimate From CES
B. ENGINEERING AND INSPECTION (E & I):	\$	105,480.55	Base Estimate (A) x 5 %
C. CONTINGENCY:	\$	110,754.58	Base Estimate (A) + E & I (B) x 5 % See % Table in "Risk Based Cost Estimation" Memo
D. TOTAL LIQUID AC ADJUSTMENT:	\$	N/A	Total From Liquid AC Spreadsheet
E. CONSTRUCTION TOTAL:	\$	2,325,846.08	(A + B + C + D = E)

REIMBURSABLE UTILITY COSTS

UTILITY OWNER	REIMBURSABLE COST
Ga Power Distribution	\$437,800.00
TOTAL	\$ 437,800.00

ATTACHMENTS:

Detailed Cost Estimate Printout From TRAQS

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0096	639-3004	EA	MAST ARMS
1.000	11635.51		STEEL STRAIN POLE, TP IV WITH DUAL 60'
			11635.51
0100	639-3014	EA	MAST ARMS
1.000	13336.71		STEEL STR POLE, TP 4, LUMIN ARM WITH 30'
			13336.71
0105	639-3014	EA	MAST ARM
1.000	13336.71		STEEL STR POLE, TP 4, LUMIN ARM WITH 35'
			13336.71
0110	639-3014	EA	MAST ARM
8.000	13336.71		STEEL STR POLE, TP 4, LUMIN ARM WITH 40'
			106693.69
0115	639-3014	EA	MAST ARM
1.000	13336.71		STEEL STR POLE, TP 4, LUMIN ARM WITH 45'
			13336.71
0120	639-3014	EA	MAST ARM
2.000	13336.71		STEEL STR POLE, TP 4, LUMIN ARM WITH 50'
			26673.42
0121	639-3014	EA	MAST ARM
2.000	13336.71		STEEL STR POLE, TP 4, LUMIN ARM WITH 55'
			26673.42
0122	639-3014	EA	MAST ARM
2.000	13336.71		STEEL STR POLE, TP 4, LUMIN ARM WITH 65'
			26673.42
0123	639-3014	EA	MAST ARM
1.000	13336.71		STEEL STR POLE, TP 4, LUMIN ARM WITH DUAL
			13336.71
0125	639-4004	EA	50' MAST ARMS
3.000	8973.69		STRAIN POLE, TP IV
			26921.10
0130	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 1
1.000	70000.00		70000.00
0135	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 2
1.000	70000.00		70000.00
0140	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 3
1.000	70000.00		70000.00
0145	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 4
1.000	70000.00		70000.00
0150	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 5
1.000	70000.00		70000.00
0155	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 6
1.000	70000.00		70000.00
0160	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 7
1.000	70000.00		70000.00
0165	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 8
1.000	70000.00		70000.00
0170	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 9
1.000	70000.00		70000.00
0175	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 10
1.000	70000.00		70000.00
0180	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 11
1.000	70000.00		70000.00
0185	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 12
1.000	70000.00		70000.00
0190	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 13
1.000	70000.00		70000.00
0195	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 14
1.000	70000.00		70000.00
0200	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 15
1.000	70000.00		70000.00
0209	647-2140	EA	PULL BOX, PB-4
31.000	1300.00		40300.00
0210	647-2150	EA	PULL BOX, PB-5

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	22.000	1900.00	41800.00
0211	652-0210	EA	PAVEMENT MARKING, WORD, TP 1
	6.000	250.00	1500.00
0213	653-0120	EA	THERM PVMT MARK, ARROW, TP 2
	28.000	86.96	2435.05
0214	653-0130	EA	THERM PVMT MARK, ARROW, TP 3
	2.000	208.88	417.78
0215	653-1704	LF	THERM SOLID TRAF STRIPE,24,WH
	1020.000	5.45	5560.86
0220	653-1804	LF	THERM SOLID TRAF STRIPE, 8,WH
	9389.000	2.08	19606.86
0225	653-2501	LM	THERMO SOLID TRAF ST, 5 IN, WH
	0.040	1736.80	69.47
0230	653-3501	GLF	THERMO SKIP TRAF ST, 5 IN, WHI
	90.000	0.70	63.07
0235	653-6004	SY	THERM TRAF STRIPING, WHITE
	119.000	4.78	569.51
0240	653-6006	SY	THERM TRAF STRIPING, YELLOW
	321.000	4.61	1481.94
0241	682-6222	LF	CONDUIT, NONMETL, TP 2, 2 IN
	210.000	9.95	2091.45
0245	682-6233	LF	CONDUIT, NONMETL, TP 3, 2 IN
	7915.000	6.79	53742.85
0246	682-7155	LF	FLEXIBLE FABRIC INNERDUCT
	5045.000	2.50	12612.50
0249	682-9010	EA	SVC POLE RISER
	3.000	3050.00	9150.00
0250	682-9950	LF	DIRECTIONAL BORE - 3"
	1315.000	20.00	26300.00
0251	682-9950	LF	DIRECTIONAL BORE - 5"
	2520.000	20.00	50400.00
0252	682-9950	LF	DIRECTIONAL BORE - 7"
	520.000	20.00	10400.00
0253	687-1000	LS	TRAFFIC SIGNAL TIMING - LS
	1.000	10000.00	10000.00
0255	700-6910	AC	PERMANENT GRASSING
	1.000	1111.45	1111.46
0260	700-7000	TN	AGRICULTURAL LIME
	1.000	87.25	87.26
0265	700-8000	TN	FERTILIZER MIXED GRADE
	1.000	761.31	761.31
0270	700-8100	LB	FERTILIZER NITROGEN CONTENT
	8.000	6.27	50.18
0271	900-0039	SF	BRICK PAVERS
	332.000	25.00	8300.00
0275	935-1112	LF	OUT PLANT FBR OPTC CBL, LOOSE TB, SM, 12
	1065.000	1.52	1618.80
			FB
0276	935-1115	LF	OUT PLNT FBR OPT CBL, LOOSE TB, SM, 48 FBR
	8650.000	3.00	25950.00
0280	935-1512	LF	OUT PLNT FBR OPT CBL, DROP, SM, 12 FBR
	3475.000	1.60	5560.00
0285	935-3102	EA	FIBER OPTIC CLOSURE, UNDRGRD, 12 FIBER
	1.000	1700.00	1700.00
0286	935-3105	EA	FIBER OPTIC CLOSURE, UNDRGRD, 48 FIBER
	6.000	1100.00	6600.00
0287	935-3106	EA	FIBER OPTIC CLOSURE, UNDRGRD, 72 FIBER
	3.000	1100.00	3300.00
0289	935-3202	EA	FBR OPTIC CLOSURE, AERL(SLD), 12 FBR
	1.000	800.00	800.00
0290	935-3402	EA	FBR OPTIC CLOSURE, FDC(RACK MTD), 12 FBR
	15.000	615.70	9235.50

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0295	935-4010	EA	FIBER OPTIC SPLICE, FUSION
	344.000	40.57	13956.08
0296	935-5060	EA	FIBER OPTIC SNOWSHOE
	3.000	175.00	525.00
0300	937-1000	EA	VIDEO CAMERA SENSOR ASSEMBLY
	8.000	3500.00	28000.00
0301	937-3010	EA	VDS SYSTEM PROCESSOR, TYPE A
	2.000	7600.00	15200.00
0305	937-8010	LS	TESTING - VIDEO DETECTION SYSTEM
	1.000	1000.00	1000.00
0310	937-8510	LS	TRAINING - VIDEO DETECTION SYSTEM
	1.000	1000.00	1000.00
0315	939-2237	EA	GBIC, TYPE D
	30.000	200.00	6000.00
0320	939-2300	EA	FIELD SWITCH, TYPE A
	15.000	1700.00	25500.00

ITEM TOTAL	2109610.96
INFLATED ITEM TOTAL	2109610.96

TOTALS FOR JOB 0012846

ESTIMATED COST:	2109610.96
CONTINGENCY PERCENT (5.0):	105480.55
ESTIMATED TOTAL:	2215091.51

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE

Project No: N/A
County: LOWNDES
P.I. #: 0012846

Office: Tifton
Date: January 22, 2016

Description: SR 7BU; SR 7SB; SR 38 & SR 38BU @ 15 LOCS - SIGNAL UPGRADES

FROM *TW* Tim Warren, P.E., District Utilities Engineer

TO Sonja Thompson, Project Manager

SUBJECT **UPDATED UTILITY COST ESTIMATE**

A review of utilities located on the above referenced project has been conducted without a design concept. Listed below is a breakdown of the anticipated reimbursable and non-reimbursable cost.

<u>Utility Owner</u>	<u>Reimbursable</u>	<u>Non-Reimbursable</u>	<u>Estimate Based on</u>
Atlanta Gas Light	\$0.00	\$91,520.00	Site Visit / Available Drawings
Bellsouth	\$0.00	\$304,150.00	Site Visit / Available Drawings
City of Valdosta	\$0.00	\$12,650.00	Site Visit / Available Drawings
Ga Power Distribution	\$437,800.00	\$0.00	Site Visit / Available Drawings
Mediacom	\$0.00	\$9,900.00	Site Visit / Available Drawings
Tower Cloud	\$0.00	\$3,300.00	Site Visit / Available Drawings
	\$0.00	\$0.00	
	\$0.00	\$0.00	
	\$0.00	\$0.00	
	\$0.00	\$0.00	
	\$0.00	\$0.00	
Total 0.00%	\$437,800.00	\$421,520.00	
Department Responsibility 100.00%	\$437,800.00	\$421,520.00	
Local Sponsor Responsibility 0.00%	\$ 0.00	\$ 0.00	PFA Dated N/A with N/A

Update All

** Indicates Potential Utility Aid Request from Local Gov't

Estimate is based on the best available information at the current stage, unforeseen prior rights information may be provided by the Utility Company at a later date that could cause some non-reimbursable costs to shift to the reimbursable cost column.

If additional information is needed, please contact Jerry Wayne Smith at 229-391-5446.

cc: Adkins/Kimley Horn, Designer
Lee Upkins, State Utilities Office
Kerry Gore, State Utilities Preconstruction Engineer
Brent A. Thomas, District Preconstruction Engineer

NOTICE OF LOCATION AND DESIGN APPROVAL

Lowndes County

PI# 0012846

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 the Location Approval is:

June 13, 2016

The proposed project is located in Lowndes County/City of Valdosta, Land District 11 with construction consisting of equipment upgrades, pedestrian accommodations, and to bring intersections to ADA standards at the following intersections:

- SR 38/Hill Ave @ Fry St
- SR 38/Hill Ave/Central Ave @ Forrest St
- SR 38 WE/Central Ave @ N Lee St
- SR 38 WE/Central Ave @ SR 7 BUS/N Ashley St
- SR 38 WE/Central Ave @ SR 7 SB/N Patterson St
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- SR 38 WE/Central Ave @ N Oak St
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- SR 7 SB/Patterson St @ Valley St
- SR 7 SB/Patterson St @ Magnolia St

There are fifteen (15) signalized intersections in Lowndes County/ City of Valdosta in need of improvements to address compliance with current GDOT standards, the Manual on Uniform Traffic Control Devices (MUTCD), and the requirements of the Americans with Disabilities Act (ADA). The proposed project will enhance efficiency for vehicular and pedestrian movements at several locations by providing upgraded traffic signal equipment and pedestrian platforms, energy saving LED signal heads, wheelchair ramps, pedestrian signals, and crosswalk striping.

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:

Paul Kaspereen, Area Engineer
pkaspereen@dot.ga.gov
1411 Madison Highway
Valdosta, GA 31601
(229)333-5287

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 Engineer
Office of Program Delivery
attn.: Sonja Thompson, Project Manager
sthompson@dot.ga.gov
One Georgia Center
600 West Peachtree Street
Atlanta, GA 30308
229-529-5300

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.