ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #751775-
STP00-9108-00(005)
Clayton County
GDOT District 7 - Metro Atlanta
Battle Creek Road Widening from Valley
Hill Road to Southlake Parkway

OFFICE Design Policy & Support

DATE 9/23/2015

FROM Kim Phillips
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:

Glenn Bowman, 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
Hiral Patel, State Environmental Administrator
Ben Rabun, 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
Kevin Cowan, District Planning & Programming Engineer
Dale Ferris, Area Engineer - D7, A3
Darrell DeJuan, Project Manager
BOARD MEMBER - 5th and 13th Congressional Districts

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE
LOCATION AND DESIGN REPORT

FILE P.I. No. 751775
Project No. STP00-9108-00(005)
Clayton County
Battle Creek Road Widening
From Valley Hill Road to Southlake Parkway

OFFICE Program Delivery

DATE August 18, 2015

FROM Albert V. Shelby, III, 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 and Design Approval**

Description and Project Proposal: The Battle Creek Road Widening project consists of widening Battle Creek Road (CR 1342) from the existing two lane facility to four lanes with a 20-foot raised median and urban curb and gutter. The project begins 475 feet west of the intersection of Valley Hill Road and Battle Creek Road (M.P. 0.00) and continues to the intersection of Battle Creek Road and Southlake Parkway. (M.P. 2.02) The intersection of Battle Creek Road and Valley Hill Road will be realigned to provide an east-west through movement from eastbound Valley Hill Road to eastbound Battle Creek Road. The total project length is approximately 11,150 feet (2.11 miles). The project is located in unincorporated Clayton County in Land Lots 177, 178, and 179 in Land District 13; and in Land Lots 79 and 80 in Land District 12.

Temporary on-site detour pavement will be utilized at various locations to facilitate vertical reconstruction of Battle Creek Rd. In addition, temporary off-site detours, for the Valley Hill Road realignment and for the Tara Road reconstruction, will be used to facilitate construction activities. The project will improve vertical sight distance and provide for additional turn lanes and signal upgrades at intersections. An existing bridge over Jester Creek will be modified to accommodate the proposed roadway improvements.

Concept Approval Date: January 25, 2006

Concept Update: ~~(Pending Approval)~~ Revised Concept Report to be submitted at a later date. - There have been several changes to the project since the Concept Approval which will require the preparation and approval of a Revised Project Concept Report. These changes are a result of the implementation of the Value Engineering Study Alternatives approved on April 22, 2008. Travel lane widths have decreased from 12 feet to 11 feet. The outside urban shoulder width has been reduced from 16 feet to 12 feet, including curb

and gutter and a 5-foot sidewalk on each side. The minimum right-of-way corridor width has been reduced from 120 feet to 96 feet to minimize or possibly eliminate impacts to adjacent property, historic resources, and/or endangered species. A Revised Concept Report will be submitted. No changes to the approved concept are proposed in this report.

Environmental Document: Environmental Assessment/Finding of No Significant Impact (FONSI) approved on June 4, 2015. No Reevaluations have occurred. The current environmental document is consistent with the design description for the Revised Concept Report.

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

Public Involvement:

- Public Hearing Open House Results summary:
  - A Public Hearing Open House (PHOH) was held on October 14, 2014 from 4:00 pm to 7:00 pm at the S. Truett Cathy Professional Learning Center at 1087 Battle Creek Road, Jonesboro, Georgia 30236. The PHOH was combined with the Battle Creek Road and Mt. Zion Road Widening Project (P.I. No. 751770) and the Replacement of the Valley Hill Road Bridge over the Flint River project (P.I. No. 0012603).
  - 31 total comments received
  - 12 comments supporting the project (favors proposed roadway improvements, proposed sidewalks for pedestrian usage), nine comments expressing conditional support of the project, four were uncommitted, and six comments opposing the project (concern over project costs, concern due to median installation affecting access and safety, location of median openings, need for traffic signals, traffic-related concerns such as speeding and increase traffic volumes, construction impacts on travel, noise, and project-related right-of-way impacts).
  - 105 attendees with no public officials in attendance
  - No changes to the design resulted from the comments received at the public hearings
- Public Information Open House summary:
  - A Public Information Open House (PIOH) was held on June 7, 2005 from 5:00 p.m. to 7:00 p.m. at Jonesboro High School at 7728 Mt. Zion Boulevard, Jonesboro Georgia 30236. The PIOH was combined with the Battle Creek Road and Mt. Zion Road Widening Project (P.I. No. 751770).
  - 51 total comments received
  - 16 comments supporting the project (favors traffic congestion relief, proposed sidewalks for pedestrian usage, signalizing intersection of Battle Creek Road at Tara Boulevard), 23 comments expressing conditional support of the project, seven were uncommitted, and five comments opposing the project (concern due to median installation affecting access and safety, location of median openings, need for traffic signals, and project-related right-of-way impacts).
  - 109 attendees with one public official in attendance
  - No changes to the design resulted from the comments received at the public hearings

P.I. # 751775

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.

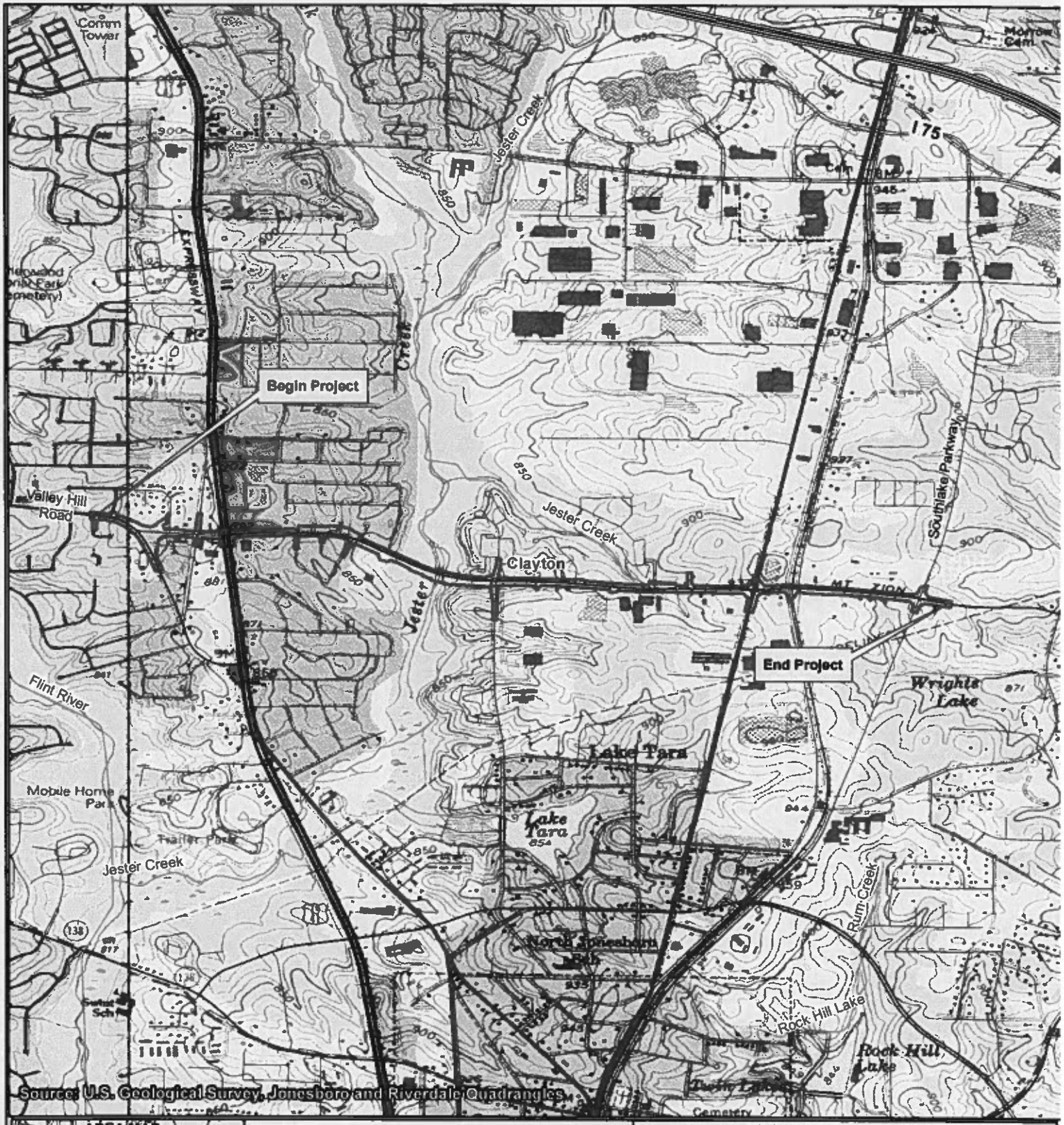
CONCUR: _____
GDOT Director of Engineering

APPROVE: Margaret B. Pirkle _____ 9.16.15
GDOT Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: SEPTEMBER 23, 2015

Attachments:

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



LEGEND

- Roadways
- Interstates
- Project Area

0 0.3 0.6 Miles

Battle Creek Road Widening From Valley Hill Road to Southlake Parkway

Project Number STP00-9108-00(005)
P.I. No. 751775
Clayton County, Georgia

N

STATE HIGHWAY AGENCY

DATE : 06/19/2015
PAGE : 1

JOB ESTIMATE REPORT

JOB NUMBER : 751775_GTN SPEC YEAR: 01
DESCRIPTION: BATTLE CREEK RD FM VALLEY HILL RD TO SOUTHLAKE PKWY

ITEMS FOR JOB 751775_GTN

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - 751775	1.000	250000.00	250000.00
0010	153-1300		EA	FIELD ENGINEERS OFFICE TP 3	1.000	81438.57	81438.57
0015	163-0232		AC	TEMPORARY GRASSING	15.000	457.67	6865.17
0020	163-0300		EA	CONSTRUCTION EXIT	12.000	1263.44	15161.39
0025	163-0503		EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 3	25.000	372.16	9304.12
0030	163-0520		LF	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	1000.000	13.57	13577.92
0035	163-0527		EA	CNST/REM RIP RAP CKDM,STN P RIPRAP/SN BG	100.000	249.25	24925.49
0044	163-0529		LF	CNST/REM TEMP SED BAR OR BLD STRW CK DM	1000.000	3.92	3922.42
0045	163-0531		EA	CONSTR & REM SEDIMENT BASIN,TP 1,STA NO- 751775	4.000	11381.75	45527.03
0050	163-0550		EA	CONS & REM INLET SEDIMENT TRAP	200.000	122.74	24548.02
0055	165-0030		LF	MAINT OF TEMP SILT FENCE, TP C	4000.000	0.59	2384.52
0064	165-0041		LF	MAINT OF CHECK DAMS - ALL TYPES	100.000	2.61	261.00
0065	165-0060		EA	MAINT OF TEMP SEDIMENT BASIN,STA NO -	4.000	1457.48	5829.92
0074	165-0071		LF	MAINT OF SEDIMENT BARRIER - BALED STRAW	1000.000	1.05	1057.90
0075	165-0101		EA	MAINT OF CONST EXIT	12.000	645.71	7748.53
0080	171-0030		LF	TEMPORARY SILT FENCE, TYPE C	8000.000	2.94	23533.52
0085	205-0001		CY	UNCLASS EXCAV	35000.000	7.46	261405.55
0090	207-0203		CY	FOUND BKFILL MATL, TP II	2000.000	42.23	84461.50
0095	208-0100		CY	IN PLACE EMBANKMENT	50000.000	5.25	262500.00
0100	210-0100		LS	GRADING COMPLETE - 751775	1.000	750000.00	750000.00
0105	310-1101		TN	GR AGGR BASE CRS, INCL MATL	84700.000	17.43	1476552.23
0110	318-3000		TN	AGGR SURF CRS	1000.000	18.12	18124.09
0115	402-1812		TN	RECYL AC LEVELING,INC BM&HL	5500.000	70.17	385968.99
0120	402-3113		TN	RECYL AC 12.5MM SP,GP1/2,BM&HL	10200.000	76.67	782135.18
0125	402-3121		TN	RECYL AC 25MM SP,GP1/2,BM&HL	27000.000	59.87	1616660.64

0130	402-3190	TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	27000.000	60.75	1640250.37
0135	413-1000	GL	BITUM TACK COAT	12900.000	2.61	33742.92
0140	441-0104	SY	CONC SIDEWALK, 4 IN	16110.000	22.81	367529.67
0145	441-0740	SY	CONC MEDIAN, 4 IN	14285.000	20.21	288766.42
0150	441-0754	SY	CONC MEDIAN, 7 1/2 IN	2055.000	45.28	93051.49
0155	441-4020	SY	CONC VALLEY GUTTER, 6 IN	1500.000	34.02	51042.98
0160	441-6022	LF	CONC CURB & GUTTER, 6"X30"TP2	33520.000	9.43	316320.53
0165	441-6720	LF	CONC CURB & GUTTER/ 6"X30"TP7	21030.000	12.00	252360.00
0170	500-3101	CY	CLASS A CONCRETE	61.000	898.21	54790.97
0174	500-3107	CY	CL A CONC, RET WALL	554.000	625.20	346365.24
0175	511-1000	LB	BAR REINF STEEL	5200.000	1.03	5405.45

0180	543-9000	LS	CONSTR OF BRIDGE COMPLETE - 177+00	1.000	495000.00	495000.00
0184	550-1150	LF	STM DR PIPE 15",H 1-10	300.000	33.65	10096.76
0185	550-1180	LF	STM DR PIPE 18",H 1-10	12000.000	32.14	385680.24
0190	550-1240	LF	STM DR PIPE 24",H 1-10	3600.000	40.69	146498.26
0195	550-1300	LF	STM DR PIPE 30",H 1-10	1200.000	51.67	62007.08
0199	550-1360	LF	STM DR PIPE 36",H 1-10	200.000	76.59	15318.08
0200	550-1420	LF	STM DR PIPE 42",H 1-10	900.000	83.56	75212.47
0204	550-1480	LF	STM DR PIPE 48",H 1-10	600.000	83.98	50390.13
0205	550-4218	EA	FLARED END SECT 18 IN, ST DR	9.000	539.91	4859.21
0210	550-4224	EA	FLARED END SECT 24 IN, ST DR	7.000	626.43	4385.01
0215	550-4230	EA	FLARED END SECT 30 IN, ST DR	2.000	734.78	1469.56
0218	550-4236	EA	FLARED END SECT 36 IN, ST DR	1.000	1173.82	1173.82
0219	550-4242	EA	FLARED END SECT 42 IN, ST DR	1.000	1433.74	1433.74
0220	603-2018	SY	STN DUMPED RIP RAP, TP 1, 18"	1000.000	46.97	46974.49
0225	603-7000	SY	PLASTIC FILTER FABRIC	1000.000	3.63	3638.30
0230	621-4020	LF	CONCRETE SIDE BARRIER, TY 2	500.000	262.50	131250.00
0235	636-1020	SF	HWY SGN,TP1MAT,REFL SH TP3	750.000	12.03	9025.08
0240	636-2070	LF	GALV STEEL POSTS, TP 7	1000.000	5.99	5990.75
0245	641-1100	LF	GUARDRAIL, TP T	321.000	41.82	13426.22
0250	641-1200	LF	GUARDRAIL, TP W	1530.000	17.26	26419.14
0255	641-5001	EA	GUARDRAIL ANCHORAGE, TP 1	2.000	882.98	1765.96
0260	641-5012	EA	GUARDRAIL ANCHORAGE, TP 12	2.000	1919.94	3839.90
0265	647-1000	LS	TRAF SIGNAL INSTALLATION NO - #1 - 5	1.000	300000.00	300000.00
0270	653-1501	LF	THERMO SOLID TRAF ST 5 IN, WHI	45000.000	0.34	15499.35
0275	653-1502	LF	THERMO SOLID TRAF ST, 5 IN YEL	15000.000	0.41	6267.30
0280	653-3501	GLF	THERMO SKIP TRAF ST, 5 IN, WHI	25000.000	0.24	6202.25
0285	654-1003	EA	RAISED PVMT MARKERS TP 3	300.000	3.34	1004.24
0290	668-1100	EA	CATCH BASIN, GP 1	168.000	2272.74	381821.10
0294	668-2100	EA	DROP INLET, GP 1	28.000	1725.88	48324.65

0295	668-3300	EA	SAN SEW MANHOLE, TP 1	25.000	2468.14	61703.59
0300	700-6910	AC	PERMANENT GRASSING	15.000	914.25	13713.79
0305	716-2000	SY	EROSION CONTROL MATS, SLOPES	9000.000	0.98	8820.54
0310	936-1001	EA	CCTV SYSTEM,TYPE B 751775	1.000	409000.00	409000.00

ITEM TOTAL	12351738.74
INFLATED ITEM TOTAL	12351738.75

TOTALS FOR JOB 751775_GTN

ESTIMATED COST:	12351738.75
CONTINGENCY PERCENT (0.0):	0.00
ESTIMATED TOTAL:	12351738.75

NOTICE OF LOCATION AND DESIGN APPROVAL

Battle Creek Road Widening
From Valley Hill Road to Southlake Parkway
Project Number STP00-9108-00(005); Clayton County
P. I. No. 751775

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: SEPTEMBER 23, 2015

The Battle Creek Road Widening project consists of widening Battle Creek Road (CR 1342) from the existing two lane facility to four lanes with a 20-foot raised median and urban curb and gutter. The project begins 475 feet west of the intersection of Valley Hill Road and Battle Creek Road (M.P. 0.00) and continues to the intersection of Battle Creek Road and Southlake Parkway. (M.P. 2.02) The intersection of Battle Creek Road and Valley Hill Road will be realigned to provide an east-west through movement from eastbound Valley Hill Road to eastbound Battle Creek Road. The total project length is approximately 11,150 feet (2.11 miles). The project is located in unincorporated Clayton County in Land Lots 177, 178, and 179 in Land District 13; and in Land Lots 79 and 80 in Land District 12.

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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:

Dale Ferris
Area Engineer
4125 Roosevelt Highway
College Park, Georgia 30349
404-559-6699
dferris@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:

Albert V. Shelby, III
State Program Delivery Engineer
Attn: Darrell DeJean
Georgia Department of Transportation
600 West Peachtree Street, 25th Floor
Atlanta, Georgia 30308
404-631-1758
ashelby@dot.ga.gov

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.