

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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

**FILE** P.I. # 0010350 & 0012586

**OFFICE** Design Policy & Support

Fulton County  
GDOT District 7 - Metro Atlanta  
SR 8/SR 10 Bike & Pedestrian  
Improvements

**DATE** 5/29/2014

**FROM**  for Brent Story, State Design Policy Engineer

**TO** SEE DISTRIBUTION

**SUBJECT** APPROVED REVISED CONCEPT REPORT

Attached is the approved Revised Concept Report for the above subject project.

Attachment

**DISTRIBUTION:**

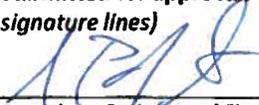
Glenn Bowman, Director of Engineering  
Joe Carpenter, Director of P3/Program Delivery  
Genetha Rice-Singleton, Assistant Director of P3/Program Delivery  
Albert Shelby, State Program Delivery Engineer  
Bobby Hilliard, Program Control Administrator  
Cindy VanDyke, State Transportation Planning Administrator  
Hiral Patel, State Environmental Administrator  
Ben Rabun, State Bridge Engineer  
Kathy Zahul, State Traffic Engineer  
Angela Robinson, Financial Management Administrator  
Lisa Myers, State Project Review Engineer  
Charles "Chuck" Hasty, State Materials Engineer  
Mike Bolden, State Utilities Engineer  
Jeff Fletcher, Statewide Location Bureau Chief  
Rachel Brown, District Engineer  
Scott Lee, District Preconstruction Engineer  
Patrick Allen, District Utilities Engineer  
Carleton Fisher, Project Manager - PI# 0010350  
Charles Robinson, Project Manager - PI# 0012586  
BOARD MEMBER - 5th Congressional District

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
REVISED PROJECT CONCEPT REPORT**

Project Type: Pedestrian Safety Improvement  
GDOT District: District 7  
Federal Route Number: US 29, 78, 278  
P.I. Number: 0010350/0012586  
County: Fulton  
State Route Number: SR 8

*Revised Concept Report for Ponce de Leon Ave Pedestrian Safety Improvement project to include revised information for Ponce de Leon Avenue Complete Street Retrofit and Beltline Connection project (LCI Project).*

Submitted for approval: (email to "Concept Reports"; remove notes in italics & delete any inapplicable signature lines)

 _____ Consultant Designer and Firm or GDOT Concept/Design Phase Office Head & Office	<u>2/28/2014</u> DATE
 _____ Local Government Sponsor (if applicable)	<u>2/28/2014</u> DATE
 _____ State Program Delivery Engineer	<u>3/4/14</u> DATE
 _____ GDOT Project Manager	<u>3/3/14</u> DATE

Recommendation for approval:

<u>Hiral Patel*</u> _____ State Environmental Administrator	<u>03/07/2014</u> DATE
_____ State Traffic Engineer	_____ DATE
<u>Ben Rabun*</u> _____ State Bridge Design Engineer	<u>03/25/2014</u> DATE

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

<u>Cynthia L. VanDyke*</u> _____ State Transportation Planning Administrator	<u>03/13/2014</u> DATE
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\* - Recommendation on file

## PLANNING, APPROVED CONCEPT, AND BACKGROUND

Project Justification Statement: The project justification statement is included in the Project Concept Report approved on 5/31/13. The project justification statement and Need and Purpose statement have not changed.

Existing conditions: The existing conditions are as stated in the approved Need and Purpose statement and approved Project Concept Report.

### Description of the approved concept:

The proposed project is entirely contained within the City of Atlanta, Fulton County limits. The project consists of the SR 8 (Ponce de Leon Avenue) corridor between Piedmont Avenue and Moreland Avenue. The total project length is approximately 2 miles. The project encompasses pedestrian improvements at the following locations along the corridor. The project will include the construction of traffic islands and “HAWK” pedestrian crossing signals at selected crosswalks where no traffic signals currently exist. The project also recommends pedestrian lighting along the corridor to provide optimum sidewalk lighting and address pedestrian crossing accidents that have occurred. In addition to these improvements, a separate GDOT project (M04536) recently implemented a reduction in the number of eastbound travel lanes from three to two with the addition of a continuous two-way center left turn lane and bike lanes both sides of the road between Piedmont Avenue and Ponce de Leon Place.

While the approved concept report covers the proposed improvements along the full extent of the project area, the development of these improvements will occur across two federally funded projects. PI Number 0010350 will address safety improvements along Ponce de Leon Avenue from Piedmont Avenue to Boulevard, and from Freedom Parkway to Briarcliff. The section of Ponce de Leon Avenue between Boulevard and Freedom Parkway will be addressed as part of a Livable Centers Initiative grant received by the Atlanta BeltLine. The funds for this project are scheduled in the Transportation Improvement Program.

The LCI funded project scope includes improvements to all relevant intersections, as well as vertical access to the Atlanta BeltLine on the north side of Ponce de Leon Avenue. The LCI funded project will also address the pedestrian lighting and the sidewalk improvements from Monroe Drive/Boulevard to Freedom Pkwy. A ramp and retaining wall system will be constructed on the back side of the existing CVS located in the Midtown Place shopping center. The ramp/retraining wall structure will replace an existing system of retaining walls on the west side of the Atlanta BeltLine corridor. The ramp will be ADA compliant. A staircase/retaining wall system will be constructed on the northeast corner of the Atlanta BeltLine Ponce de Leon overpass, connecting Ponce de Leon to the Atlanta BeltLine overpass. The stair will be constructed against the existing Paris on Ponce building, with a retaining wall system to the west.

Federal Oversight:  Full Oversight  Exempt  State Funded  Other

Projected Traffic as shown in the approved Concept Report: **ADT**  
Open Year (2015): 36,100 Design Year (2035): 46,700

Functional Classification (Mainline): Urban Principal Arterial

VE Study anticipated:  No  Yes  Completed – Date:

### PROPOSED REVISIONS

Approved Features:	Proposed Features:
<ul style="list-style-type: none"> <li>• Ponce de Leon Avenue Complete Street Retrofit and Beltline Connection project (LCI project) had no P.I. number.</li> <li>• R/W parcels impacted: 4</li>   <li>• Typical section median width: none</li>   <li>• Ponce de Leon Avenue at Glen Iris Drive: Move traffic light from entrance to Midtown Plaza and modify lanes as necessary</li>   <li>• Ponce de Leon Avenue at Ponce de Leon Court: Install mid-block crossing west of Ponce de Leon Court</li> </ul>	<ul style="list-style-type: none"> <li>• Ponce de Leon Avenue Complete Street Retrofit and Beltline Connection project (LCI Project) has P.I. No. 0012586</li> <li>• R/W Parcels impacted for the Ponce de Leon Avenue Complete Street Retrofit and Beltline Connection project : 30 (R/W and Easement), 2 (Easement Only)</li> <li>• Typical section median width: An intermittent, variable width ( 0'-12' ) median is proposed within the two-way left turn lane at the Midtown Place shopping center drive and Freedom Parkway</li> <li>• Ponce de Leon Avenue at Glen Iris Drive: Replace existing signals at Glen Iris Drive and Midtown Place Shopping Center with new mast arm signals at existing locations. Relocation of the existing signals is no longer proposed.</li> <li>• Ponce de Leon Avenue at Ponce de Leon Court: No proposed midblock signal as part of LCI Project (PI 0012586) (midblock signal to be installed as part of Project PI 0010350)</li> </ul>
<p>Reason(s) for change: PI Number assigned after concept report approved. Additional changes a result of more detailed concept design that identified the need for additional Right of Way and easements and traffic analysis that determined existing signals should remain in place.</p>	

Proposed streetscape features within Ponce de Leon Avenue Complete Street Retrofit and Beltline Connection project (LCI Project P.I. No. 0012586) not described in approved report include installation of furniture zone with street trees and pedestrian scale lighting between Boulevard and Glen Iris Drive and between Ponce de Leon Place and Freedom Pkwy. Additional proposed features also include raised medians between Midtown Place Shopping Center and Ponce de Leon Court and at the Freedom Pkwy Intersection. Proposed median will provide pedestrian refuge.

Design Variances and/or Exceptions needed: A design variance for lateral offset to street trees and light poles is anticipated. No design exceptions are anticipated.

### ENVIRONMENTAL AND PERMITS

Potential environmental impacts of proposed revision: Additional Right of Way and easements are anticipated along the corridor.

Have proposed revisions been reviewed by environmental staff?  No  Yes

Environmental responsibilities (Studies/Documents/Permits): *Kimley-Horn and Associates (Design Consultant)*

**Air Quality:**

- Is the project located in a PM 2.5 Non-attainment area?  No  Yes  
 Is the project located in an Ozone Non-attainment area?  No  Yes  
 Is a Carbon Monoxide hotspot analysis required?  No  Yes

*The purpose of this project is not to add capacity but to improve pedestrian safety along Ponce de Leon Ave.*

**Environmental Comments and Information:**

NEPA: NEPA will be re-evaluated

Ecology: No effects. The purpose of this project is not to add capacity, but to improve pedestrian safety along Ponce de Leon Ave.

Archeology: Construction of proposed medians may affect former streetcar rails beneath existing pavement on Ponce de Leon Ave.

History: Right of way and easements added for existing sidewalk improvement at Ford Motor Company Assembly Plant.

Air Quality: No effects. The purpose of this project is not to add capacity, but to improve pedestrian safety along Ponce de Leon Ave.

Noise Effects: No effects. The purpose of this project is not to add capacity, but to improve pedestrian safety along Ponce de Leon Ave.

Public Involvement: No additional outreach is required. Atlanta BeltLine will facilitate public informational meetings for project as part of their typical public outreach program.

**PROJECT COST AND ADDITIONAL INFORMATION**

**LCI Project PI 0012586**

Item	Estimated Cost	Date of Estimate	Funded By
Base Construction Cost:	\$4,322,186	2/4/2014	
Engineering and Inspection:	\$216,110	2/3/2014	
Liquid AC Adjustment:	\$11,430	2/3/2014	
<u>Total Construction Cost:</u>	\$4,549,726		
Right-of-Way:	\$1,464,000	2/7/2014	
Utilities (reimbursable costs):	145,000	4/21/2014	
Environmental Mitigation:	N/A		
<b>TOTAL PROJECT COST:</b>	<b>\$6,158,726</b>		

**Pedestrian Safety Project PI 0010350**

Item	Estimated Cost	Date of Estimate	Funded By
PE	\$810,000	AUTHORIZED	
Construction Cost:	\$1,455,000	9/24/2013	
Right-of-Way:	\$458,000	8/22/2013	
Utilities (reimbursable costs):	N/A		
Environmental Mitigation:	N/A		
<b>TOTAL PROJECT COST:</b>	<b>\$2,723,000</b>		

**Recommendation:** Recommend that the proposed revision to the concept be approved for implementation.

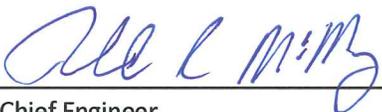
**Comments:** N/A

**Attachments:**

1. Sketch map
2. Cost Estimate(s) (0012586)
  - a. Construction
  - b. Liquid AC Adjustment
  - c. Right-of-Way
  - d. Utilities
3. Typical Section (0012586)

**APPROVALS**

Concur:   
Director of Engineering

Approve:   
Chief Engineer

5/26/14  
Date



STATE HIGHWAY AGENCY

DATE : 2/4/2014  
 PAGE : 1

JOB ESTIMATE REPORT

JOB NUMBER : 0012586      SPEC YEAR: 01  
 DESCRIPTION: ATLANTA BELTLINE - PONCE LCI

ITEMS FOR JOB 0012586

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
5	150-1000		LS	TRAFFIC CONTROL - 0012586	1	84000	\$84,000.00
10	210-0100		LS	GRADING COMPLETE - 0012586	1	419848	\$419,848.00
15	402-3130		TN	RECYL AC 12.5MM SP,GP2,BM&HL	660	75	\$49,500.00
20	432-0206		SY	MILL ASPH CONC PVMT/ 1.50" DEP	8040	3	\$24,120.00
25	437-1571		LF	ST GRANITE CURB,5" X 17",TP A	7440	30	\$223,200.00
30	437-2571		LF	CI GRANITE CURB,5" X 17",TP A	1500	35	\$52,500.00
35	441-0104		SY	CONC SIDEWALK, 4 IN	5880	28	\$164,640.00
40	441-0108		SY	CONC SIDEWALK, 8 IN	750	49	\$36,750.00
45	441-4030		SY	CONC VALLEY GUTTER, 8 IN	1080	41	\$44,280.00
50	550-1180		LF	STM DR PIPE 18",H 1-10	960	53	\$50,880.00
55	610-2586		SY	REM ASPH PVMT INCL BASE	510	17	\$8,670.00
60	647-1000		LS	TRAF SIGNAL INSTALLATION NO - NO. 1 - MONROE DRIVE/BOULEVARD	1	150000	\$150,000.00
65	647-1000		LS	TRAF SIGNAL INSTALLATION NO - NO. 2 - GLEN IRIS DRIVE	1	150000	\$150,000.00
70	647-1000		LS	TRAF SIGNAL INSTALLATION NO - NO. 3 - MIDTOWN PLACE SHOPPING CENTER	1	150000	\$150,000.00
75	647-1000		LS	TRAF SIGNAL INSTALLATION NO - NO. 4 - PONCE DE LEON PLACE	1	150000	\$150,000.00
80	653-1501		LF	THERMO SOLID TRAF ST 5 IN, WHI	6480	0.66	\$4,276.80
85	653-1502		LF	THERMO SOLID TRAF ST, 5 IN YEL	3240	0.63	\$2,041.20
90	653-1704		LF	THERM SOLID TRAF STRIPE,24",WH	50	6	\$300.00
95	653-1804		LF	THERM SOLID TRAF STRIPE, 8",WH	770	2	\$1,540.00
100	668-1100		EA	CATCH BASIN, GP 1	10	2700	\$27,000.00
105	681-3600		EA	LIGHTING STD, SPCL DES	140	8000	\$1,120,000.00
110	702-0559		EA	LIRIOPE MUSCARI - 0012586	3720	7	\$26,040.00
115	708-1000		CY	PLANT TOPSOIL	900	50	\$45,000.00
120	754-4000		EA	WASTE RECEPTACLE UNIT	17	2000	\$34,000.00
125	754-5000		EA	BENCH	17	2000	\$34,000.00
130	900-0037		SF	CONCRETE PAVERS	16640	10	\$166,400.00
135	004-0012		EA	EXTRA WORK - STREET TREE	70	1000	\$70,000.00
140	004-0052		SF	EXTRA WORK - CLASS B CONC (SF)	1980	10	\$19,800.00
145	004-0022		LS	EXTRA WORK - STRUCTURED STAIRS	1	125000	\$125,000.00
150	004-0022		LS	EXTRA WORK - ELEVATED STRUCTURE	1	460000	\$460,000.00
155	004-0052		SF	EXTRA WORK - RETAINING WALL	3650	70	\$255,500.00
160	004-0052		SF	EXTRA WORK - STAINLESS STEEL LIGHTED HANDRAIL	740	100	\$74,000.00
165	004-0018		LF	EXTRA WORK - RAILING WITH WIRE MESH	780	110	\$85,800.00
170	004-0012		EA	EXTRA WORK - GROUNDCOVER STABILIZING LANDSCAPE	540	15	\$8,100.00
175	004-0022		LS	EXTRA WORK - GRASSING COMPLETE	1	5000	\$5,000.00
ITEM	TOTAL						\$4,322,186.00

<b>PROJ. NO.</b>	
P.I. NO.	0012586
DATE	2/3/2014

CALL NO.

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Jan-14	
DIESEL		
LIQUID AC		\$ 557.00

Link to Fuel and AC Index:

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

**LIQUID AC ADJUSTMENTS**

PA=[((APM-APL)/APL)]xTMTxAPL

**Asphalt**

Price Adjustment (PA)				<b>11028.6</b>	<b>\$</b>	<b>11,028.60</b>
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	891.20		
Monthly Asphalt Cement Price month project let (APL)			\$	557.00		
Total Monthly Tonnage of asphalt cement (TMT)				33		

ASPHALT	Tons	%AC	AC ton
Leveling		5.0%	0
12.5 OGFC		5.0%	0
12.5 mm	660	5.0%	33
9.5 mm SP		5.0%	0
25 mm SP		5.0%	0
19 mm SP		5.0%	0
	<b>660</b>		<b>33</b>

**BITUMINOUS TACK COAT**

Price Adjustment (PA)				<b>\$ 401.92</b>	<b>\$</b>	<b>401.92</b>
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	891.20		
Monthly Asphalt Cement Price month project let (APL)			\$	557.00		
Total Monthly Tonnage of asphalt cement (TMT)				1.202628258		

Bitum Tack	Gals	gals/ton	tons
	280	232.8234	1.20262826

**BITUMINOUS TACK COAT (surface treatment)**

Price Adjustment (PA)				<b>0</b>	<b>\$</b>	<b>-</b>
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	891.20		
Monthly Asphalt Cement Price month project let (APL)			\$	557.00		
Total Monthly Tonnage of asphalt cement (TMT)				0		

Bitum Tack	SY	Gals/SY	Gals	gals/ton	tons
Single Surf. Trmt.		0.20	0	232.8234	0
Double Surf.Trmt.		0.44	0	232.8234	0
Triple Surf. Trmt		0.71	0	232.8234	0
					0

**TOTAL LIQUID AC ADJUSTMENT** **\$ 11,430.52**



ABI Ponce de Leon LCI  
 Opinion of Probable Construction Cost-Minor Structure Adjustment  
 Prepared by: Kimley-Horn and Associates, Inc.  
 21-Apr-14

ITEM	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
	Meters and Valves	105	EA		
	Manholes	6	EA		
	Pull Boxes	12	EA		
	Fire Hydrants	9	EA		
611-8055	Adjust Minor Structure To Grade( ie. Meters, valves, manholes, pull boxes, fire hydrants)	132.00	EA	\$998.00	\$131,736.00

Subtotal	\$131,736.00
Contingency 10%	\$13,173.60
Total	\$144,909.60

