

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

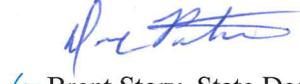
**OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE**

FILE P.I. #0010768

OFFICE Design Policy & Support

Fulton County
GDOT District 7 - Metro Atlanta
Operational Improvements: SR400 @
CR 9284/Windward Parkway

DATE 8/5/2016

FROM  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
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
Sebastian Nesbitt, Area Engineer - D7, A2
Carleton Fisher, Project Manager
BOARD MEMBER - 6th Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTEROFFICE CORRESPONDENCE
LOCATION AND DESIGN REPORT

FILE PI# 0010768 OFFICE Program Delivery
Fulton County
SR 400 Aux lane and Exit Ramp at DATE July 21, 2016
CS 9284 / Windward pkwy Phase 2

FROM Albert V. Shelby III, State Program Delivery Engineer

Albert Shelby

TO Brent Story, State Design Policy Engineer/Attn: State Conceptual Design
Group Manager

SUBJECT Request for Location and Design Approval

Description and Project Proposal: The proposed project begins along the SR 400/US 19 northbound travel lanes, approximately 3,800 feet south of the intersection with Windward Parkway where the existing outside flex lane will be converted into an auxiliary lane. A 14 foot wide outside shoulder approximately 1,900 feet in length will be constructed from the beginning of the project limits adjacent to the existing flex lane and ending 100 feet south of the gore area, where the shoulder will tie into the existing paved shoulder. An existing ATMS device (CCTV Camera System) and corresponding fiber connections located on SR 400/US 19 will be removed and reset. A third left turn lane with a storage length of 785 feet and inside paved shoulder will be constructed on the SR 400/US 19 northbound off ramp. A third through lane with a bicycle lane and urban shoulder will be constructed along westbound Windward Parkway from the intersection at the SR 400/US 19 northbound ramp terminus to the Deerfield Parkway/Westside Parkway intersection. At this point, the third through lane will drop into a right turn lane onto northbound Deerfield Parkway. Additionally, a second southbound left turn lane on westbound Windward Parkway with a storage length of 400 feet will be constructed at the Deerfield Parkway/Westside Parkway intersection. The existing raised median at this location will be extended 500 feet to the stop bar for the proposed dual left turn lanes. The existing street lighting located along Windward Parkway will also be removed and reset where required. The total project is 0.72 miles along SR 400/US 19, 0.63 miles along Windward Parkway, is within the city of Alpharetta, and entirely within Fulton County.

Concept Approval Date: August 5, 2015

Concept Update: No changes have been made to the project Concept Report since its approval.

Environmental Document:

Document Type: Categorical Exclusion

Approval Date: Pending

Temporary State Route Needed: No Yes Undetermined

Public Involvement:

A PIOH was held October 20, 2015 and below is a summary of the meeting.

Brief Project Description	Proposed Interchange Improvements at SR 400 and CR 9284/Windward Parkway and the addition of a through lane along Windward Parkway from SR 400 to Deerfield/Westside.		
Date of Open House	October 20, 2015	End of Comment Period	November 3, 2015
Number in Attendance	13		
Officials in Attendance (list name and title)	None		
Comment Breakdown (for comments provided at the Open House)			
For	2	Conditional	0
		Uncommitted	0
		Against	0
Major concerns:	Concerned about traffic flow during construction; concerned about adequacy of space for MARTA rail service.		
Prepared by (include firm's name if applicable):	Susan Thomas, NEPA Planner Edwards-Pitman Environmental, Inc.		

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: *Heidi Buxel*
 GDOT Director of Engineering

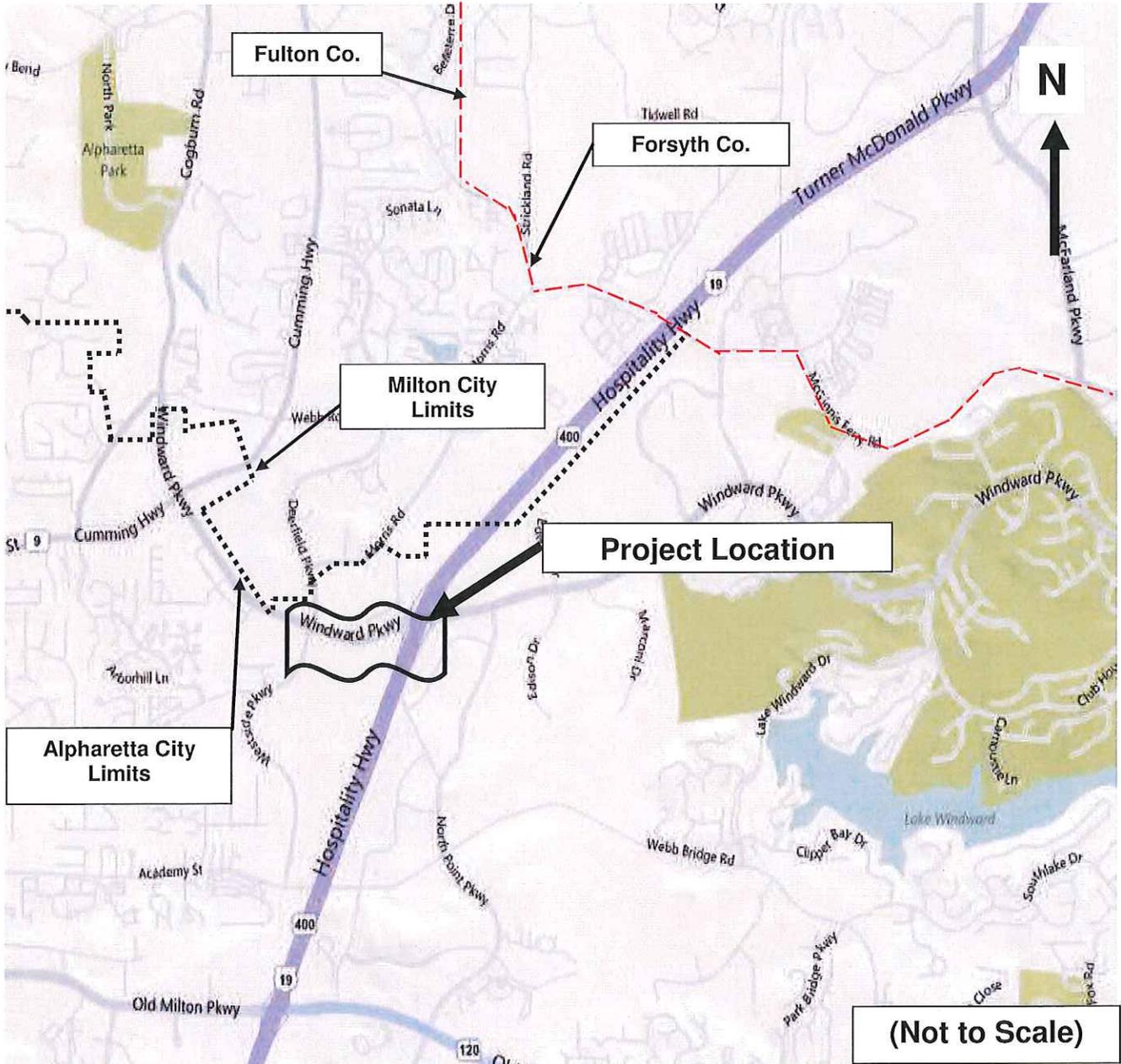
Approve: *Margaret B. Pirkle* *8.5.16*
 GDOT Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: *AUGUST 8, 2016*

Attachments:

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

PROJECT LOCATION MAP



**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0010768

OFFICE Program Delivery

PROJECT DESCRIPTION

Operational Improvement - SR 400 @ CR 9284/Windward Pkwy

DATE March 9, 2016

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

To: Lisa L. Myers, State Project Review Engineer

Subject: REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER Carleton Fisher

MGMT LET DATE 12/1/2017

MGMT ROW DATE 9/1/2016

PROGRAMMED COSTS (TPro W/OUT INFLATION)

LAST ESTIMATE UPDATE

CONSTRUCTION \$

DATE

RIGHT OF WAY \$

DATE

UTILITIES \$

DATE

REVISED COST ESTIMATES

CONSTRUCTION* \$ 3,333,363.66

RIGHT OF WAY \$ 858,000.00

UTILITIES \$ 234,564.00

*Cost Contains 10 % Contingency

REASONS FOR COST INCREASE AND CONTINGENCY JUSTIFICATION:

CONTINGENCY SUMMARY

A. CONSTRUCTION COST ESTIMATE:	\$	2,808,455.67	Base Estimate From CES
B. ENGINEERING AND INSPECTION (E & I):	\$	140,422.78	Base Estimate (A) x 5 %
C. CONTINGENCY:	\$	294,887.85	Base Estimate (A) + E & I (B) x 10 % See % Table in "Risk Based Cost Estimation" Memo
D. TOTAL LIQUID AC ADJUSTMENT:	\$	89,597.36	Total From Liquid AC Spreadsheet
E. CONSTRUCTION TOTAL:	\$	3,333,363.66	(A + B + C + D = E)

REIMBURSABLE UTILITY COSTS

UTILITY OWNER	REIMBURSABLE COST
TOTAL	\$ -

ATTACHMENTS:

- CES Cost Estimate
- Liquid AC Adjustment Spreadsheet
- Right Of Way Cost Estimate
- Utility Cost Estimate

PROJ. NO. #0010768
 P.I. NO. #0010768
 DATE 7/10/2015

CALL NO.

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Feb-16	\$ 1.733
DIESEL		\$ 2.069
LIQUID AC		\$ 369.00

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)				87453	\$ 87,453.00
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$ 590.40		
Monthly Asphalt Cement Price month project let (APL)			\$ 369.00		
Total Monthly Tonnage of asphalt cement (TMT)				395	

ASPHALT	Tons	%AC	AC ton
Leveling	500	5.0%	25
12.5 mm SP	3300	5.0%	165
19 mm SP	2300	5.0%	115
25 mm SP	1800	5.0%	90
	7900		395

BITUMINOUS TACK COAT

Price Adjustment (PA)				\$ 2,144.36	\$ 2,144.36
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$ 590.40		
Monthly Asphalt Cement Price month project let (APL)			\$ 369.00		
Total Monthly Tonnage of asphalt cement (TMT)				9.685452579	

Bitum Tack

Gals	gals/ton	tons
2255	232.8234	9.68545258

BITUMINOUS TACK COAT (surface treatment)

Price Adjustment (PA)				0	\$ -
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$ 590.40		
Monthly Asphalt Cement Price month project let (APL)			\$ 369.00		
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 \$ 89,597.36

NOTICE OF LOCATION AND DESIGN APPROVAL

Fulton County

0010768

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: August 8, 2016

SR 400 at CS 9284/ Windward Parkway project consists of an auxiliary lane and exit ramp improvements along SR 400 and the addition of a lane along Windward Parkway, from SR 400 to Deerfield Westside Parkways. The project is located in Fulton County in Land Lots: 1117, 1118, 1119, 1186, 1187, 1188, 1189, 1190, and 1259.

The proposed project begins along SR 400/US 19 northbound, approximately 3,800 feet south of the intersection with Windward Parkway. The existing outside flex lane will be converted into an auxiliary lane. A 14 foot wide outside shoulder approximately 1,900 feet in length will be constructed from the beginning of the project limits adjacent to the existing flex lane and ending 100 feet south of the gore area where the shoulder will tie into the existing paved shoulder. An existing ATMS device (CCTV Camera System) and corresponding fiber connections located on SR 400/US 19 will be removed and reset. A third left turn lane and inside paved shoulder will be constructed on the SR 400/US 19 northbound off ramp. A third through lane with a bicycle lane and urban shoulder will be constructed along westbound Windward Parkway from the intersection at the SR 400/US 19 northbound ramp terminus to the Deerfield Parkway/Westside Parkway intersection. At this point, the third through lane will drop into a right turn lane onto northbound Deerfield Parkway. Additionally, a second southbound left turn lane on westbound Windward Parkway will be constructed at the Deerfield Parkway/Westside Parkway intersection. The existing raised median at this location will be extended 500 feet to the stop bar for the proposed dual left turn lanes. The existing street lighting located along Windward Parkway will also be removed and reset where required. The total project is 0.72 miles along SR 400/US 19, 0.63 miles along Windward Parkway, is within the city of Alpharetta, and entirely within Fulton County

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the City of Alpharetta:

Director of Public Works
Pete Sewczwicz
1790 Hembree Rd
Alpharetta, GA 30009
678-297-6200

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
Program Delivery
Attn: Carleton Fisher
cfisher@dot.ga.gov
600 West Peachtree St., NW 25th Floor Atlanta GA 30308
404-631-1981

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.