

Short Title

ITS SYSTEM EXPANSION - CONGESTION REDUCTION AND TRAFFIC FLOW IMPROVEMENTS AT SR 92 (FAIRBURN ROAD), US 78 (BANKHEAD STREET/BROAD STREET) AND CHAPEL HILL ROAD

GDOT Project No.

0012622

Federal ID No.

N/A

Status

Programmed

Service Type

Roadway / Operations & Safety

Sponsor

Douglas County

Jurisdiction

Douglas County

Analysis Level

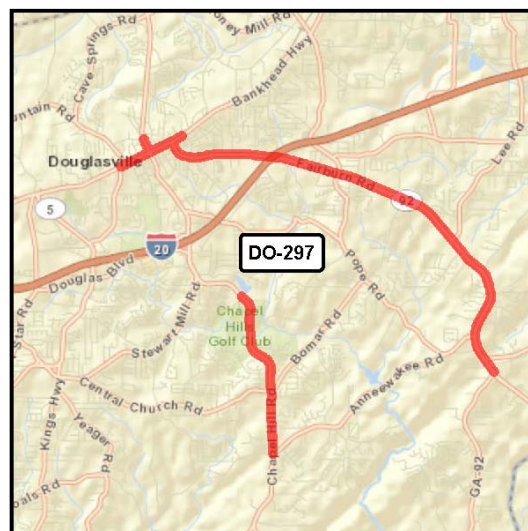
Exempt from Air Quality Analysis (40 CFR 93)

Existing Thru Lane

N/A

Planned Thru Lane

N/A



Network Year

2020

Corridor Length

10.7 miles

Detailed Description and Justification

This project includes the installation of fiber optic communication, closed circuit television cameras, and intelligent transportation devices to the Douglas County traffic control center. Traffic signal systems on south Chapel Hill Road from Anneewakee Road to Golf Ridge Blvd, SR 92 (Fairburn Road) from Forrest Avenue to SR 166/SR 92, and US 78 (Bankhead Hwy/Broad Street) from Rose Avenue to Mozley Street will be connected and integrated into the system. This project was identified in the Intelligent Transportation Systems element of the Douglas County Comprehensive Transportation Plan. The corridor traffic signals require minor upgrades to be able to utilize Ethernet network capabilities and be connected into the County's Traffic Control Center (TCC). All three corridors have some existing fiber optic cable, but have a few missing vital links preventing connectivity to the TCC. The project includes expanding underground conduit and fiber optic communication cable for 7 additional miles and connecting an additional 24 traffic signals to the system and implementing a traffic responsive signal system, signal system timing, monitoring, and signal upgrades. The project is being funded under the Roadway Operations and Safety Program, a regional program defined in PLAN 2040 to make smaller-scale improvements along existing roadways which are the most critical for cross-jurisdictional travel. SR 92 and US 78 are both designated as Regional Thoroughfares and are also included on the ASTRoMap system, a regional network of roadways critical for truck traffic and freight movement. Chapel Hill Road is on the RSTS network and provides connectivity to both of these major state routes, while also providing access to downtown Douglasville and Arbor Place Mall.

Phase Status & Funding Information		Status	FISCAL YEAR	TOTAL PHASE COST	BREAKDOWN OF TOTAL PHASE COST BY FUNDING SOURCE			
					FEDERAL	STATE	BONDS	LOCAL/PRIVATE
PE	STP - Urban (>200K) (ARC)	AUTH	2013	\$105,000	\$84,000	\$0,000	\$0,000	\$21,000
CST	Congestion Mitigation & Air Quality Improvement (CMAQ)		2015	\$595,000	\$476,000	\$0,000	\$0,000	\$119,000
				\$700,000	\$560,000	\$0,000	\$0,000	\$140,000

SCP: Scoping PE: Preliminary engineering / engineering / design / planning PE-OV: GDOT oversight services for engineering ROW: Right-of-way Acquisition
 UTL: Utility relocation CST: Construction / Implementation ALL: Total estimated cost, inclusive of all phases



For additional information about this project, please call (404) 463-3100 or email transportation@atlantaregional.com.

