

Short Title

ITS IMPROVEMENTS ALONG SR 141 (MEDLOCK BRIDGE ROAD), JONES BRIDGE ROAD, OLD ALABAMA ROAD, MCGINNIS FERRY ROAD, AND HAYNES BRIDGE ROAD

GDOT Project No.

0010328

Federal ID No.

N/A

Status

Programmed

Service Type

Roadway / Operations & Safety

Sponsor

City of Johns Creek

Jurisdiction

Fulton County (North)

Analysis Level

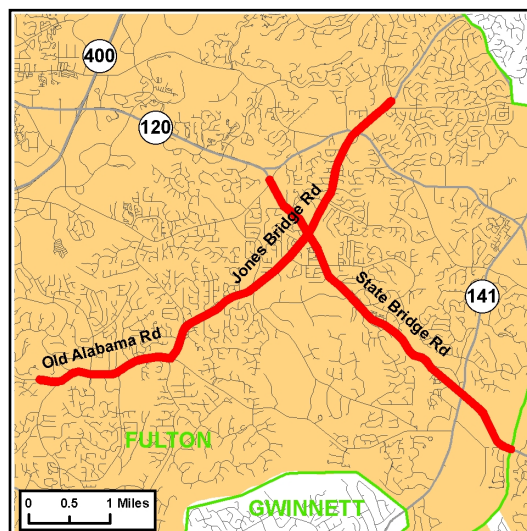
Exempt from Air Quality Analysis (40 CFR 93)

Existing Thru Lane

N/A

Planned Thru Lane

N/A



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Network Year

2015

Corridor Length

14.1 miles

Detailed Description and Justification

The City of Johns Creek is developing a city wide ITS network and expanding their existing system. This project includes converting existing signal systems to Internet protocol (IP) communications, installing video surveillance, and installing fiber and/or wireless communications to connect the Johns Creek Traffic Control Center (TCC) with these field devices. ITS components will be designed and installed on Old Alabama Road, Haynes Bridge Road, Jones Bridge Road, and McGinnis Ferry Road. Limits to this project are as follows: Old Alabama Road from Mt. Pisgah Church driveway to Medlock Bridge Road, Haynes Bridge Road from Old Alabama Road to Alvin Road, Jones Bridge Road from Old Alabama Road to McGinnis Ferry Road, McGinnis Ferry Road from Medlock Bridge Road to Jones Bridge Road, and Medlock Bridge Road from Hospital Parkway to McGinnis Ferry Road. A 72 fiber cable will be installed in existing conduit along McGinnis Ferry Road from Sargent Road to Medlock Bridge Road and on Medlock Bridge Road from McGinnis Ferry Road to Hospital Parkway. These corridors are Urban Minor Arterial Streets consisting of two lanes except at major intersections where the typical section changes to four through lanes, left turn lanes, and right turn lanes.

The City of Johns Creek has an existing ITS Master Plan, which includes a Concept of Operations for the TCC. The system will be used to monitor and manage traffic through control and communications devices from the TCC. The purpose of the system is to reduce incident response time, crashes, congestion, delay, and travel time. Other goals include improving traffic flow, travel speed, and commute responsibility.

Phase Status & Funding Information		Status	FISCAL YEAR	TOTAL PHASE COST	BREAKDOWN OF TOTAL PHASE COST BY FUNDING SOURCE			
					FEDERAL	STATE	BONDS	LOCAL/PRIVATE
PE	High Priority Projects from TEA-21	AUTH	2012	\$100,000	\$80,000	\$0,000	\$0,000	\$20,000
CST	High Priority Projects from TEA-21		2013	\$1,081,250	\$865,000	\$0,000	\$0,000	\$216,250
				\$1,181,250	\$945,000	\$0,000	\$0,000	\$236,250

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.

