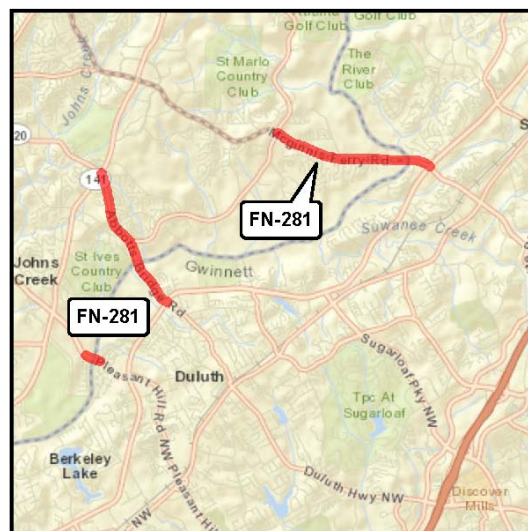


Short Title	ITS SYSTEM ADAPTIVE SIGNAL CONTROL SOFTWARE UPGRADE AND BACKUP POWER - ITS SYSTEM EXPANSION/CONGESTION REDUCTION AND TRAFFIC FLOW IMPROVEMENTS AT MULTIPLE CORRIDORS
GDOT Project No.	0012628
Federal ID No.	N/A
Status	Programmed
Service Type	Roadway / Operations & Safety
Sponsor	City of Johns 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

Network Year	2015
Corridor Length	N/A miles

Detailed Description and Justification

This is one of three related ITS projects in Johns Creek. FN-281A includes installing fiber optic communication on the following segments: 1) State Bridge Rd from St. Georgian Common to Sweet Bottom Plantation Dr, a distance of 0.25 miles; 2) SR 120 (Abbotts Bridge Rd) from SR 141 (Medlock Bridge Rd) to Peachtree Industrial Blvd, a distance of 2.4 miles; and 3) McGinnis Ferry Rd from Bell Rd to Peachtree Industrial Blvd, a distance of 2.4 miles. The project will build out the communications network and create redundancy and interconnectivity with the neighboring system in Gwinnett County. The project will also add CCTV locations throughout the City allowing staff to monitor traffic flow and incidents from the Traffic Control Center at City Hall, which will be expanded under FN-281B, and to make timing adjustments to help relieve congestion and improve traffic flow. Adaptive Signal Control elements will also be installed along Medlock Bridge Road, McGinnis Ferry Road, and State Bridge Road through the City under FN-281C. This state of the art signal timing software will maximize traffic flow and help reduce congestion. All three projects are 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. With the exception of certain systemwide programs with broad benefits across a defined geographic area, eligibility under this program is limited to facilities on the Regional Strategic Transportation System, with additional priority given to those also identified as a Regional Thoroughfare. All facilities proposed for fiber optic and adaptive signal control improvements are designated as Regional Thoroughfares.

Phase Status & Funding Information	Status	FISCAL YEAR	TOTAL PHASE COST	BREAKDOWN OF TOTAL PHASE COST BY FUNDING SOURCE			
				FEDERAL	STATE	BONDS	LOCAL/PRIVATE
CST STP - Urban (>200K) (ARC)		2013	\$450,000	\$360,000	\$0,000	\$0,000	\$90,000
			\$450,000	\$360,000	\$0,000	\$0,000	\$90,000

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