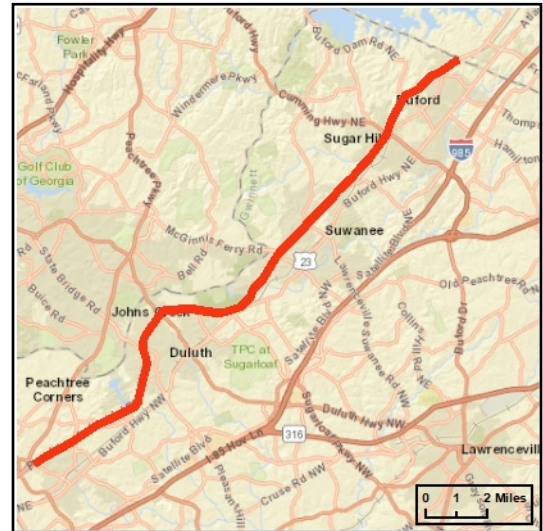


Short Title	PEACHTREE INDUSTRIAL BOULEVARD - SMART CORRIDOR IMPROVEMENTS FROM HOLCOMB BRIDGE ROAD TO HALL COUNTY LINE
GDOT Project No.	0016068
Federal ID No.	N/A
Status	Programmed
Service Type	Roadway / Operations & Safety
Sponsor	Gwinnett County
Jurisdiction	Gwinnett County
Analysis Level	Exempt from Air Quality Analysis (40 CFR 93)



Existing Thru Lane	N/A	LCI	<input type="checkbox"/>	Network Year	TBD
Planned Thru Lane	N/A	Flex	<input type="checkbox"/>	Corridor Length	20 miles

Detailed Description and Justification

This project address regional mobility and technology advancement. The project deployment includes equipping intersections along the route with connected vehicle technology to enable the traffic signal controllers to communicate with vehicles, cyclists, and pedestrians. A combination of radio and cellular technologies would be deployed. Emergency vehicles (for the first responders) will also be equipped to communicate with the intersections. The school beacon system will receive software updates to enable these devices to also communicate with vehicles. The pilot scheme envisaged would cover 50 intersections, 10 emergency vehicles, 5 pedestrian crossings, and 20 school beacons.

Phase Status & Funding Information	Status	FISCAL YEAR	TOTAL PHASE COST	BREAKDOWN OF TOTAL PHASE COST BY FUNDING SOURCE			
				FEDERAL	STATE	BONDS	LOCAL/PRIVATE
CST Surface Transportation Block Grant (STBG) Program - Urban (>200K) (ARC)		2020	\$2,646,650	\$2,117,320	\$0,000	\$0,000	\$529,330
			\$2,646,650	\$2,117,320	\$0,000	\$0,000	\$529,330

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