

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

☐

Planned Thru Lane

N/A

Flex

☐



Network Year

TBD

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)	AUTH	2020	\$2,646,650	\$2,117,320	\$0,000	\$0,000	\$529,330
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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