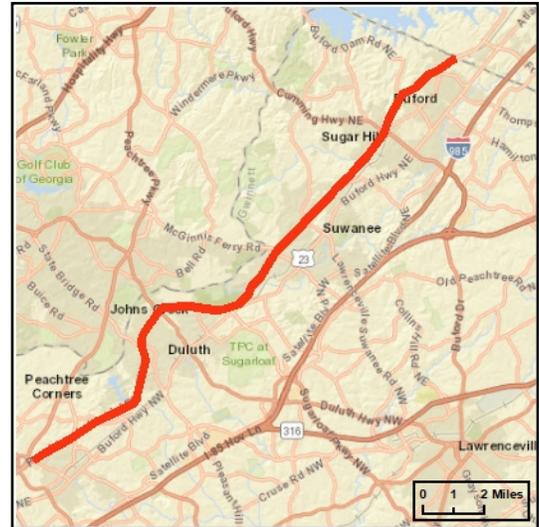


|                         |   |
|-------------------------|---|
| <b>Short Title</b>      | PEACHTREE INDUSTRIAL BOULEVARD - SMART CORRIDOR IMPROVEMENTS FROM HOLCOMB BRIDGE ROAD TO HALL COUNTY LINE |
| <b>GDOT Project No.</b> | 0016068   |
| <b>Federal ID No.</b>   | N/A   |
| <b>Status</b>         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



|                           |                                  |             |                          |                        |                                       |
|---------------------------|----------------------------------|-------------|--------------------------|------------------------|---------------------------------------|
| <b>Existing Thru Lane</b> | <input type="text" value="N/A"/> | <b>LCI</b>  | <input type="checkbox"/> | <b>Network Year</b>    | <input type="text" value="TBD"/>      |
| <b>Planned Thru Lane</b>  | <input type="text" value="N/A"/> | <b>Flex</b> | <input type="checkbox"/> | <b>Corridor Length</b> | <input type="text" value="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        | <b>\$2,646,650</b> | \$2,117,320                                     | \$0,000        | \$0,000        | \$529,330        |
|                                    |   |        |             | <b>\$2,646,650</b> | <b>\$2,117,320</b>                              | <b>\$0,000</b> | <b>\$0,000</b> | <b>\$529,330</b> |

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