

**Jimmy Carter Blvd/Mountain Industrial Blvd Corridor Study**

**Study Purpose:**

- Analyze the existing and future multimodal operational and capacity needs of the corridor. Recommendations and projects developed as a part of this study will address existing and future transportation and mobility needs of the corridor. The study will focus on identifying operational and safety projects which can be implemented in the near term, as well as provide recommendations for the corridor to address long-term needs.

**Study Limits (total approx. 6.6 miles):**

- Jimmy Carter Blvd: Dawson Blvd/Live Oak Pkwy (north) to US 29/Lawrenceville Hwy (middle) – approx. 3.2 miles
- Mountain Industrial Blvd: US 29/Lawrenceville Hwy to E. Ponce de Leon Avenue (south) – approx. 3.4 miles

**Potential Scope (high-level):**

**Data Collection:**

- Traffic Counts: Daily counts and TMCs at up to 30 intersections
- RTOP corridor data
- Truck O-D data: optional ATRI (American Transportation Research Institute) data (will need to confirm cost)
- Field Collection and Observations
- Big Data: INRIX, Waze (as available from ARC / City sources)
- GIS Data
- Transit
- Review Prior Plans (CTPs / Comp Plans, LCIs, Transit visions)

**Community & Stakeholder Engagement:**

- Develop stakeholder committee (Municipal and county govt staff, CID representation, major property owners, GDOT, transit agencies)
- 3-4 stakeholder meetings
  - Early listening session / vision formulation
  - Existing condition review/Needs assessment
  - Draft recommendations
  - Final recommendations (potential 4<sup>th</sup> meeting)
- Community engagement
  - 1 set of meetings: 1 meeting per jurisdiction (Gwinnett, Tucker)
    - Vision verification/Needs assessment/identification of deficiencies
  - Stakeholder online survey (translates into multiple languages)
    - Social pinpoint interactive map. Options include asking public for bottleneck locations, safety concerns, areas needing improvement
- Work sessions with client staff and/or GDOT

## **Jimmy Carter Blvd/Mountain Industrial Blvd Corridor Study**

- Regular coordination/status meeting with client
- official briefings and/or work sessions
- coordination with adjacent active studies (i.e. Gateway 85 freight cluster plan; Tucker Summit freight cluster plan)

### **Analysis and Evaluation:**

- Develop future traffic forecasts
- Prepare different forecast scenarios for mainline AADT
- Perform existing, no-build, and build scenario analyses at intersections
- Identify potential short, mid, and long-term projects and recommendations for corridor
- Identify potential 'off-corridor' improvements to augment the corridor
- Improvements may include: capacity, operations, safety, bicycle, pedestrian, transit, ITS, TDM, access management
- Evaluate and make recommendation as to the viability of the corridor being added to the state route system

### **Prioritization and Recommendations:**

- Refine project recommendations.
- Develop project prioritization.
- Project Documentation:
  - Project Fact Sheets
  - Schematic or concept drawings
  - Project Cost Estimate
- Develop implementation plan

### **Study Documentation**

- Executive Summary Report
- Technical Report Documentation
- Project Fact Sheets

Study Fee \_\_\_\_\_

\$200,000