

Haynes Bridge Widening

Problem

Address traffic congestion from Old Alabama Road to Mansell Road

- Haynes Bridge Road was designed to handle 12,390 cars per day
- Haynes Bridge Road currently handles 18,178 cars per day (47% over capacity)
- Drivers on Haynes Bridge experience traffic throughout the day (rush hours & non-peak)

Solution

Widen Haynes Bridge from 2-lanes to 4-lanes

- 4-lanes on Haynes Bridge will handle 35,820 cars per day
- Project cost: \$10M (2016 estimate) - \$5M Johns Creek portion, \$5M Alpharetta portion
- Unlikely to pursue federal funds; associated requirements would disrupt the corridor



Where?

Old Alabama Road to Mansell Road

Why?

faster travel, less congestion

Who?

Johns Creek and Alpharetta

When?

construction in 2020

Results

Modeled widening reduces delay by 74% or 1 min. and 19 sec. per car

- Overall the project reduces 227 hours of delay each day (considering daily volume)
- Before and After Travel Time Study could compare to anticipated results
- Breakdown Analysis of the corridor could look at each intersection

Impacts

Other factors/projects anticipated to impact results:

- Haynes Bridge serves as a regional transportation route from Old Alabama to GA-400
- On school days, Haynes Bridge Middle School impacts travel on the corridor
- Sound abatement and landscaping efforts not presently included in project estimates