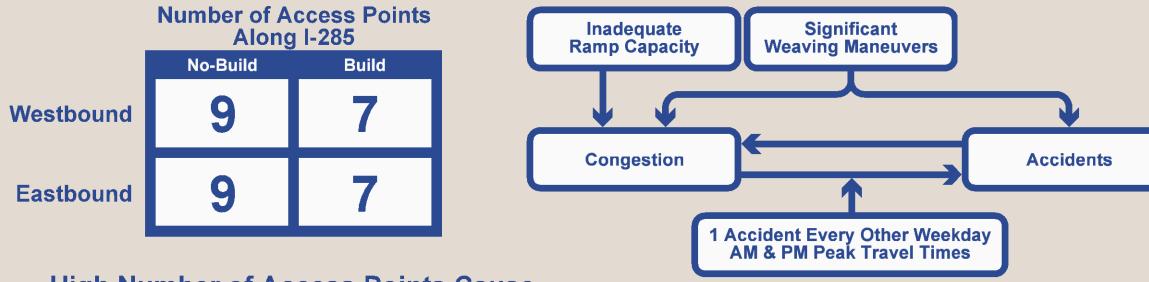
## I-285 at SR 400 Interchange Reconstruction: Why Is It Needed?

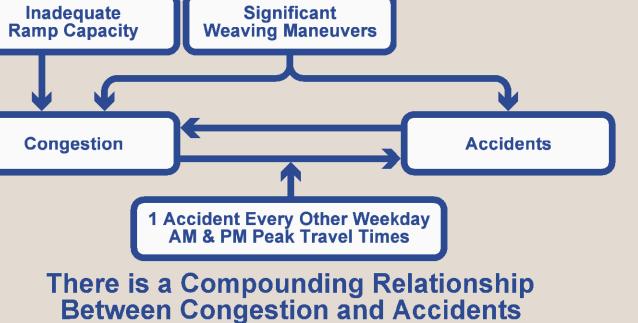
### **Project Goals**

- Enhance safety
- Improve operational efficiency
- Reduce weaving maneuvers along I-285 mainline
- Address lack of adequate ramp capacity at I-285/SR 400 Interchange
- Improve ramp geometry at I-285/SR 400 Interchange

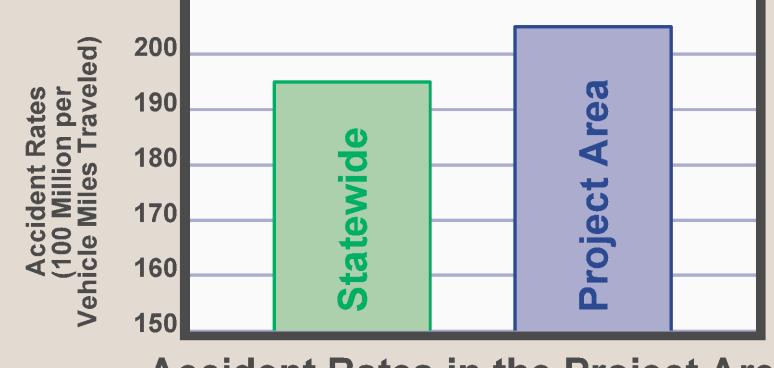
## **Enhance Safety**











**Accident Rates in the Project Area** are Higher than Statewide Averages





Conflicts due to weaving maneuversLess spacing between freeway access

#### **POTENTIAL SOLUTIONS:**

- Eliminating vehicular conflicts by grade separating on- and off-ramps and constructing collector-distributor
- Relieving congestion along entrance

#### TYPICAL CAUSES:

- Congestion at freeway exits and along

#### **POTENTIAL SOLUTIONS:**

- Relieving congestion along exit ramps
- \_by increasing exit ramp capacity

## Improve Operational Efficiency

# **Project Travel Time Benefits** How will people benefit from this project? PM **AM** Green represents the vehicles which would see a decrease in their commute time due to the project. Blue represents the vehicles that would see no meaningful change in commute time (Less than 5% Change). Orange represents the vehicles that would see an increase in commute time. Each symbol represents 1% of the total number of vehicles traveling through the project area.

\*Year 2039 incorporates all other projects programmed to be open to traffic by 2040 in the Atlanta Regional Commission's Plan 2040 Regional Transportation Plan.

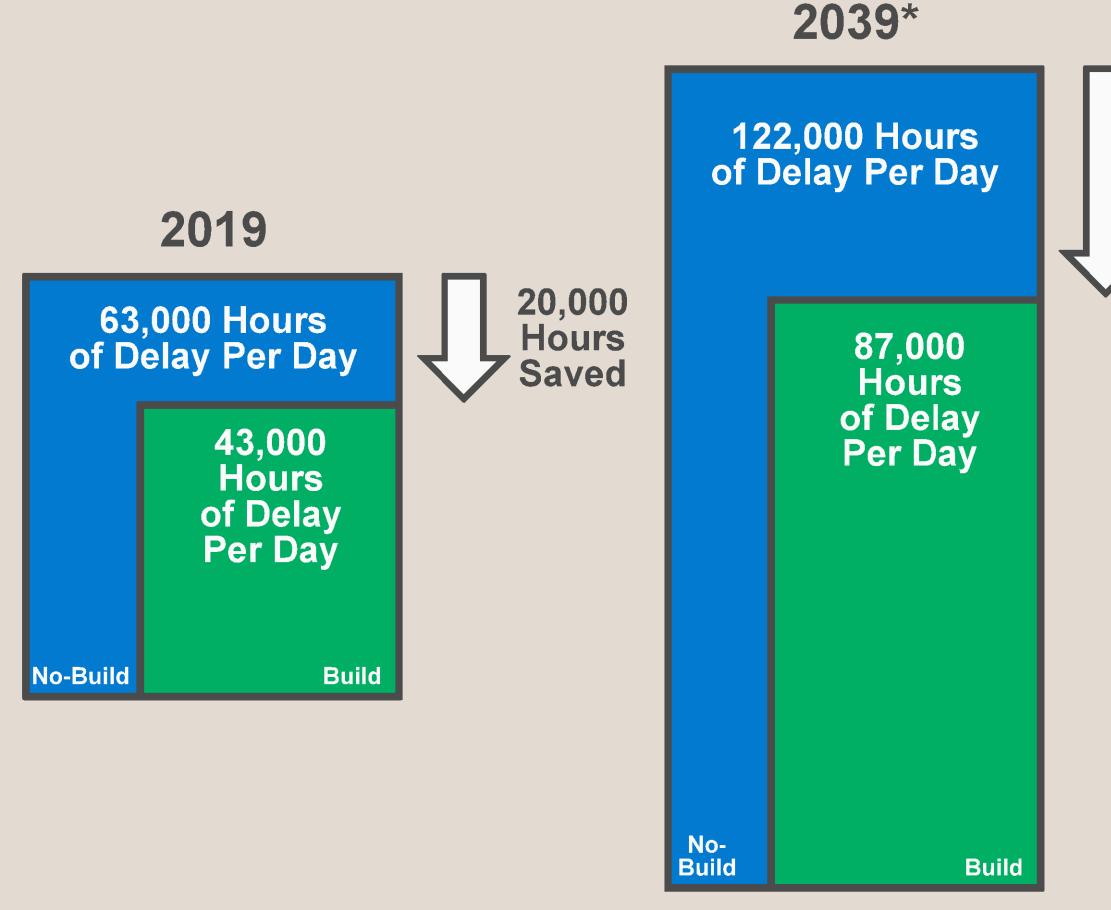
#### **Project Travel Time Benefits** How much time will be saved by this project?

Pr.End Crashes

\*Data for I-285 Between Riverside Dr

and Chamblee Dunwoody Rd for years 2005-2008





**Estimated Cumulative** Travel Time Savings:

35,000 Hours

Saved

Over the 20 year design life, 137 Million hours would be saved.

Upon project completion, it is estimated that each vehicle traveling through the project area would save an average of 8 hours of commuting time during 2019. By 2039, this travel time savings per vehicle is estimated to be 13 hours over the year.

