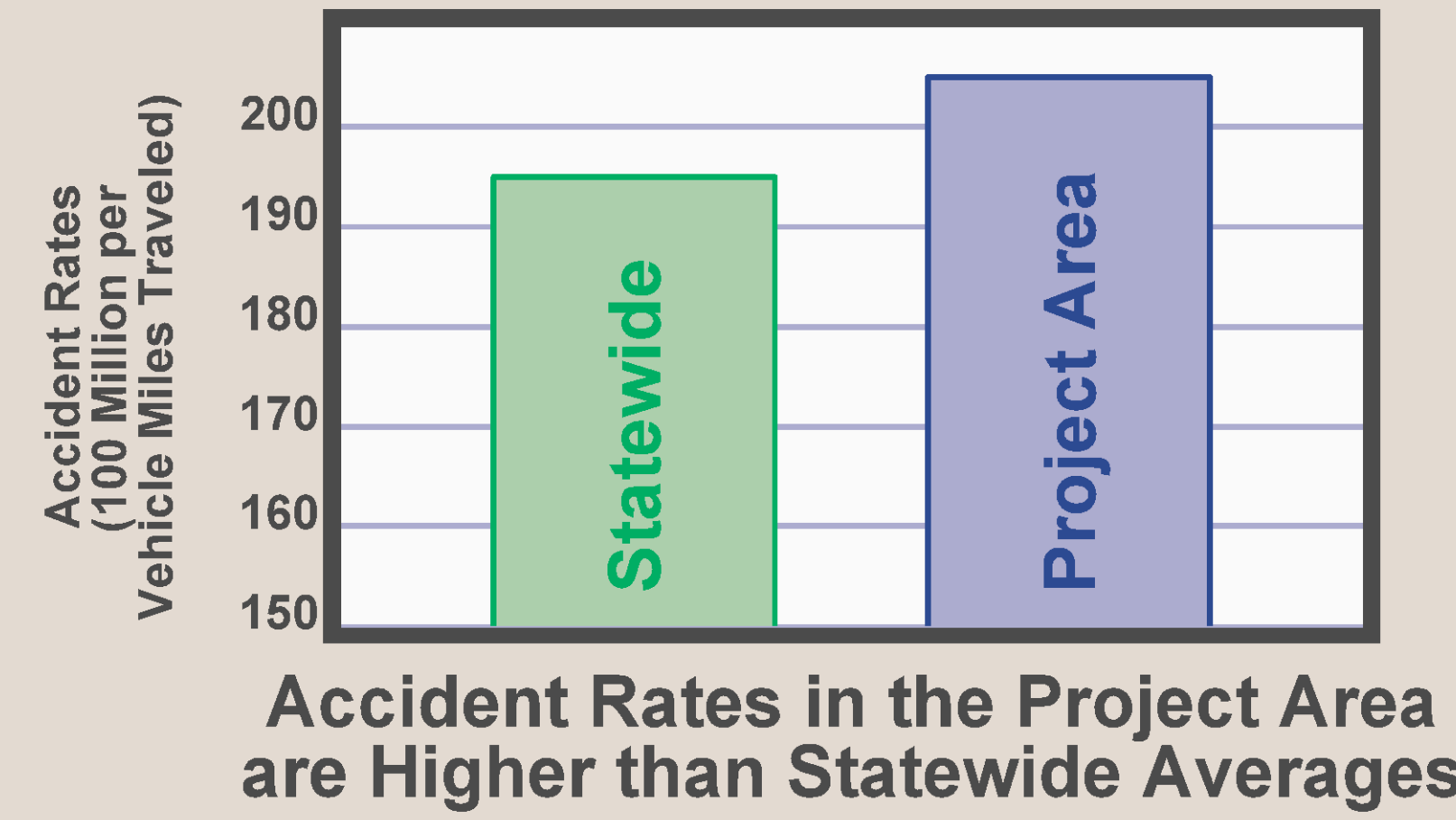
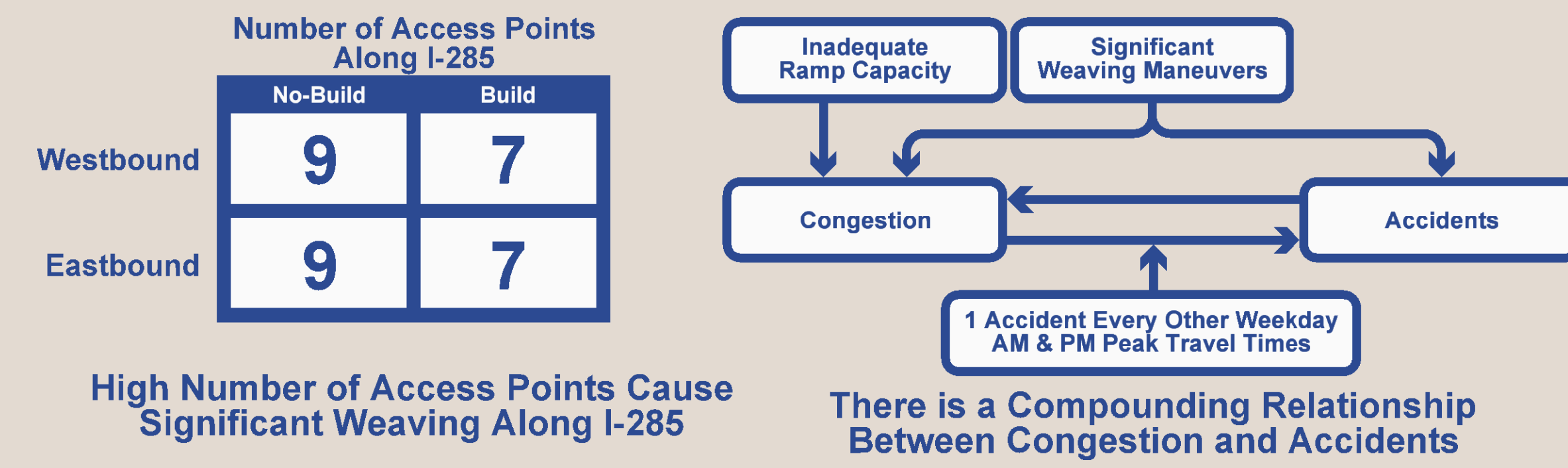


# I-285 at SR 400 Interchange Reconstruction: Why Is It Needed?

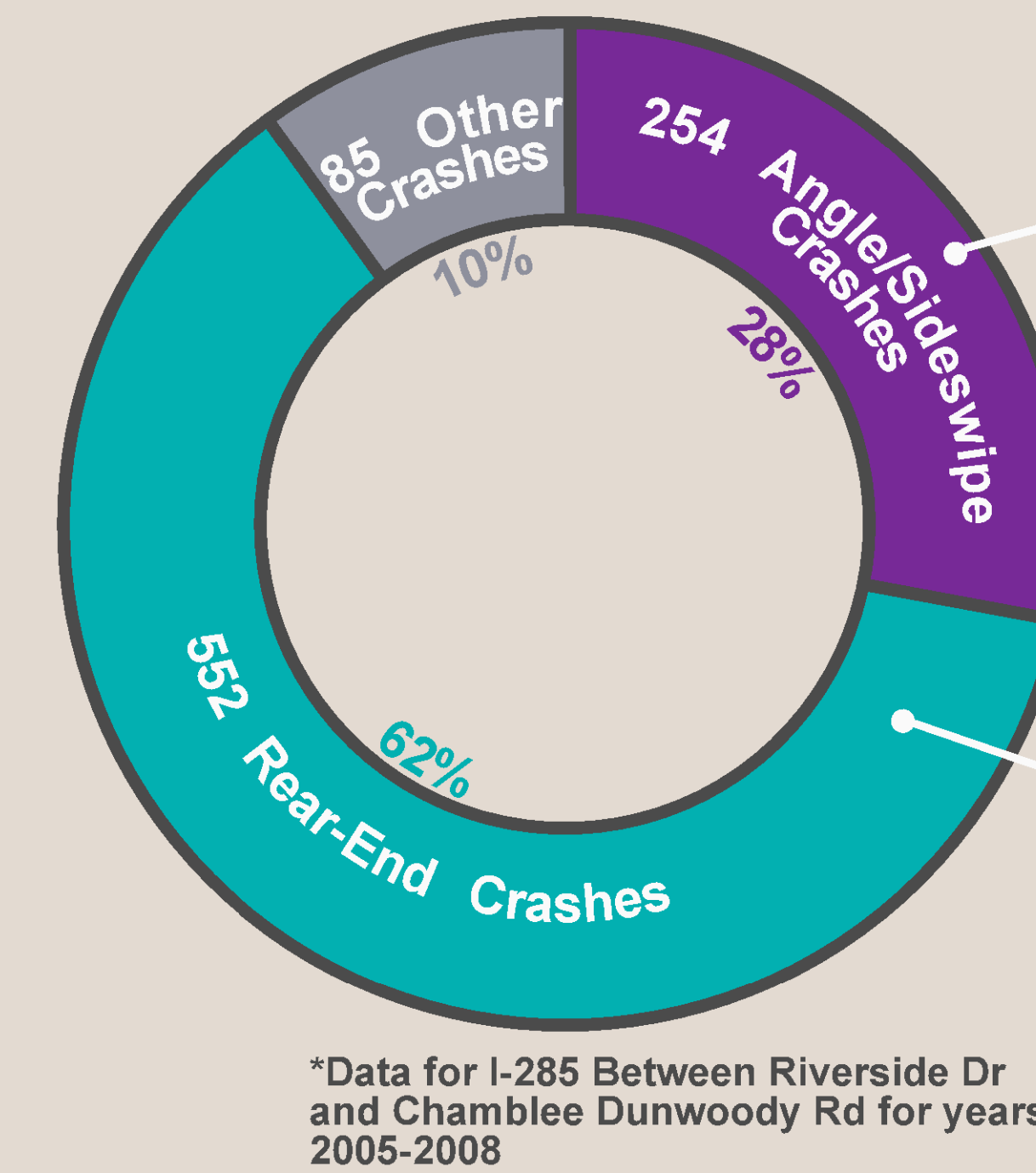
## Project Goals

- ✓ 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



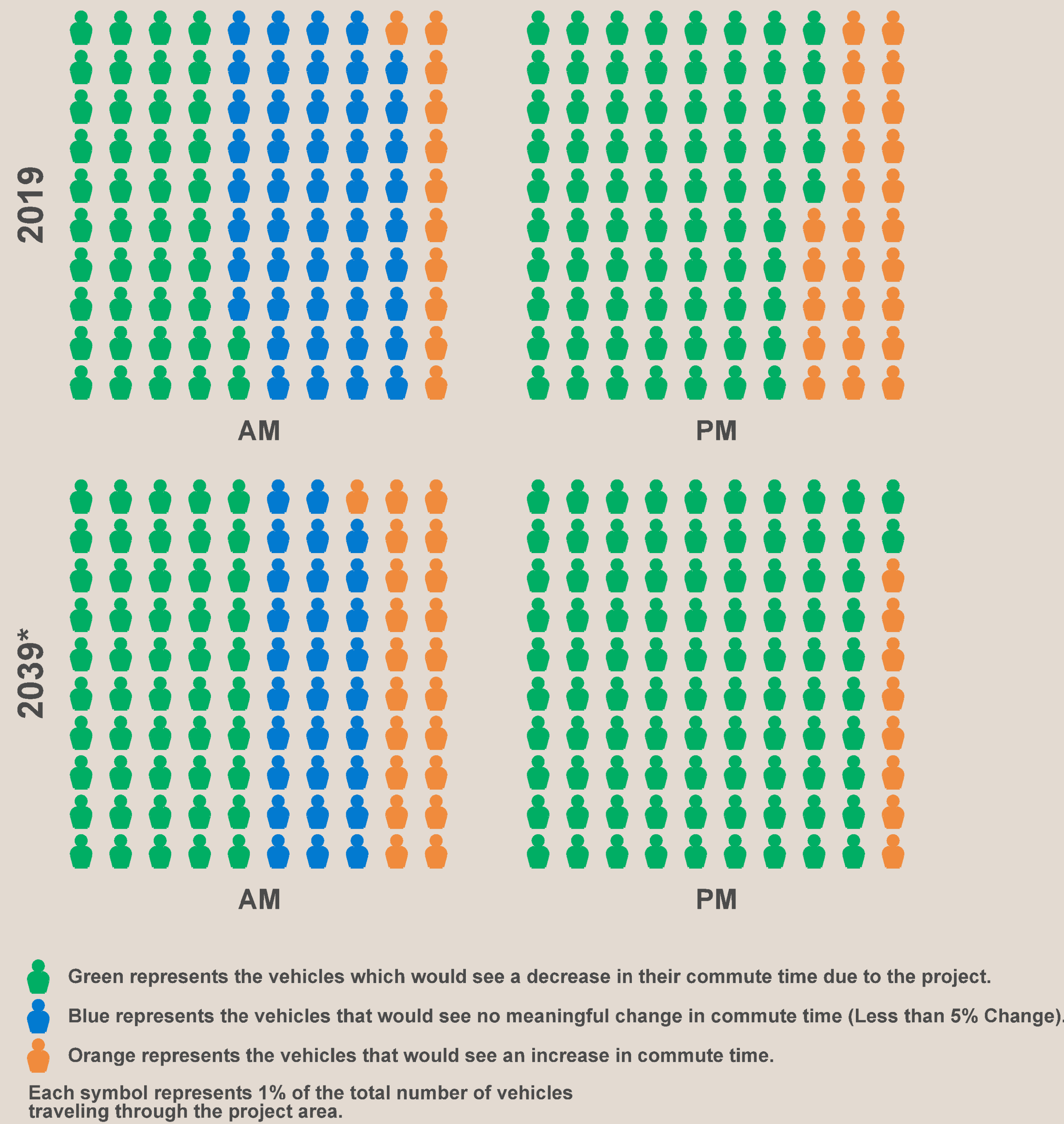
## Crashes Along I-285 by Type



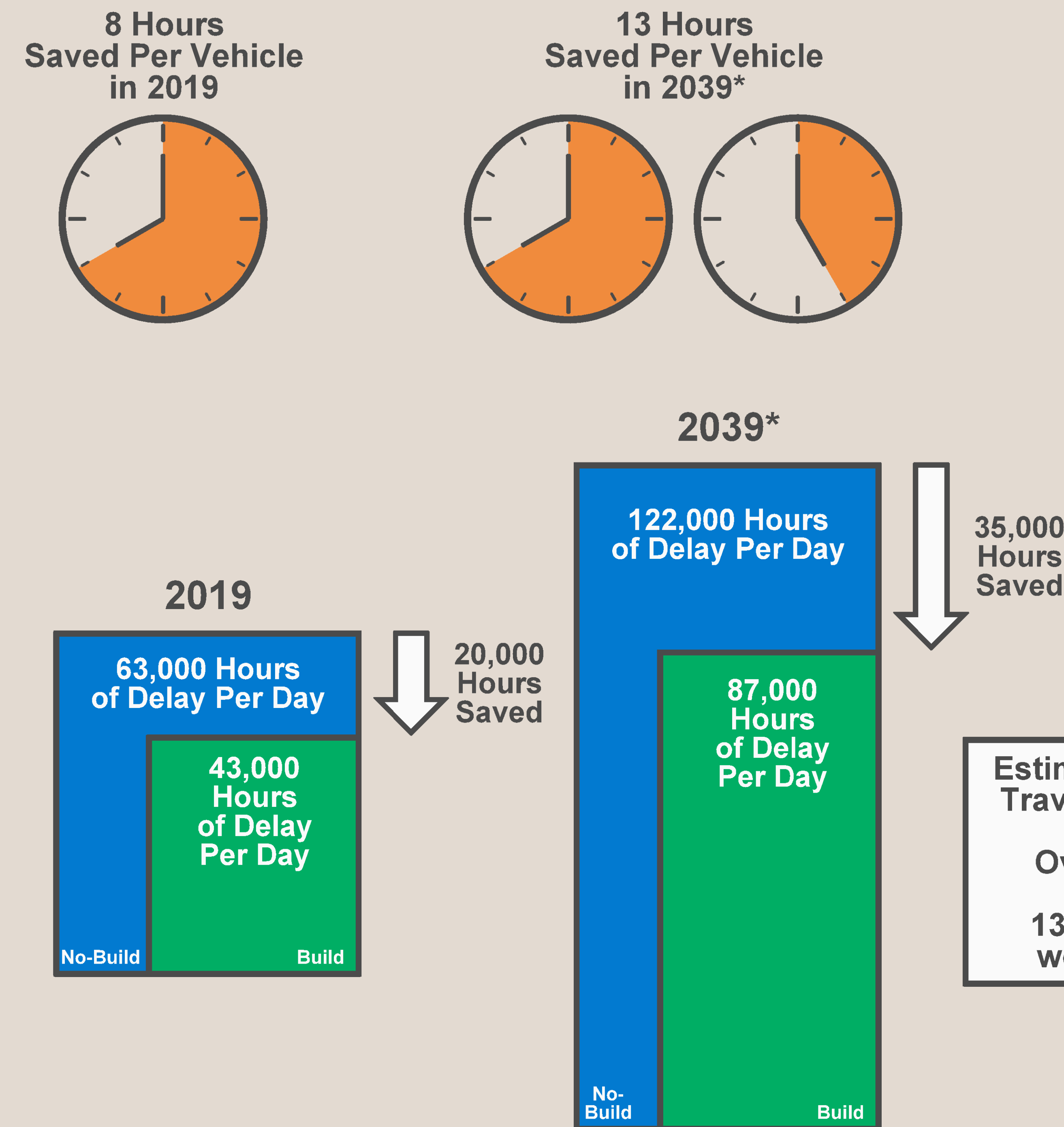
- TYPICAL CAUSES:**
- Congestion along freeway entrances and mainline lanes
  - Conflicts due to weaving maneuvers
  - Less spacing between freeway access points
- POTENTIAL SOLUTIONS:**
- Eliminating vehicular conflicts by grade separating on- and off-ramps and constructing collector-distributor lanes
  - Relieving congestion along entrance ramps
- TYPICAL CAUSES:**
- Congestion at freeway exits and along mainline lanes
  - Lack of exit ramp capacity
- POTENTIAL SOLUTIONS:**
- Relieving congestion along exit ramps by increasing exit ramp capacity
  - Relieving congestion along freeway mainline lanes

## Improve Operational Efficiency

### Project Travel Time Benefits How will people benefit from this project?



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



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.

\*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.