

# Why are improvements needed?

During the process, a "Purpose and Need" is developed as a "mission statement" to help guide study recommendations for future improvements.

## Purpose



The purpose of the Spine Study is to identify and budget for a project, or series of projects, that would address the transportation needs of the corridor.

## Need



I-10 and I-17 are at capacity during rush hour and are unable to handle future traffic levels.



I-10 and I-17 experience lengthy periods of congestion. The lengths of congestion, both in time and distance, are projected to worsen over time.



Travel times on the two freeways will worsen as the average travel speeds decrease.



Projected growth will continue to put stress on the two freeways.



Degradation of the two freeways will adversely affect the operations of HOV and transit modes like freeway bus rapid transit, express buses, and local bus routes.



Aging infrastructure of the two freeways could limit economic growth opportunities in the region.



Timely and efficient delivery of freight is vital to the region's economic health.



Poor operations on I-10 and I-17 adversely affect local streets, especially at intersections.

