

## PURPOSE

The purpose of the recommended transportation improvements is to increase safety, accommodate increased travel and freight demand, and support multi-modal connections.

## NEED

In summary, transportation improvements are needed to:

- **Increase Safety** – Increased highway access from continued development, high percentages of truck traffic, poor pedestrian and bicycle facilities, and geometric issues have resulted in safety concerns along the corridor.
- **Accommodate increased travel and freight demand** – Traffic congestion from additional commuter and freight traffic has decreased travel time reliability. Increased corridor use requires roadway improvements to accommodate the movement of people, goods, and services.
- **Support multimodal connections** — Stakeholder input and prior planning efforts identified the need to improve north-south pedestrian mobility and support enhanced parallel connectivity.

## GOALS

The recommended transportation improvements were developed to support the project needs. The project goals should:

- **Consider the natural and built environment** – Improvements should minimize impacts to documented environmental resource constraints to the greatest extent possible. Environmental resource constraints documented in the Existing Conditions Report included wetlands, stream channels, floodplains, potential habitat for threatened and endangered (T&E) species and general wildlife, underground and above ground utilities, historic resources, and hazardous materials. Improvements should consider the built environment through a context-sensitive approach to land uses and character along the corridor that should consider both function and aesthetic of the surrounding land uses and character.
- **Support local and regional planning efforts** – Improvements should consider planning efforts by recognizing spatial recommendations for future and proposed local agency plans, such as multimodal connections, adjacent multi-use paths, and streetscape plans.
- **Identify estimated ROW needs** – Recommended project alternatives will be used to define the estimated ROW needs to support future growth along the corridor. Although a separate and concurrent process, the ACP will show the estimated ROW line developed during the PEL process to support local agencies in land use decision making.
- **Accommodate future technology** – Improvements should consider that increases in development and traffic volumes will result in changes in implementation and advancement of technology along the corridor. Transportation technology is anticipated to change within the next 20 to 30 years and improvements should consider the potential for technological advancement.