



# NEEDS AND OBJECTIVES

*December 15, 2014*

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# NEEDS AND OBJECTIVES

## 1.0 CORRIDOR NEEDS AND OBJECTIVES

Needs and objectives for the *I-15 Corridor Planning Study* were developed based on a review of existing data, local plans, and input from resource agencies, stakeholders, and the public. The needs and objectives explain why an improvement option, or options, may be necessary. The process includes analysis of the social, environmental, and engineering conditions described in the *Existing and Projected Conditions Report*, and it recognizes the characteristics of the corridor.

The following needs and objectives will be used to develop improvement options. Improvement options identified in this study may lead to future transportation projects that would improve safety and operations or address infrastructure concerns. The “Purpose and Need” statement for any future project should be consistent with the needs and objectives contained in this study. However, not all of the needs and objectives at the corridor level must be included in a project-level purpose and need statement.

### NEED 1: IMPROVE THE SAFETY OF THE CORRIDOR

#### Objectives (To the Extent Practicable)

- Reduce the frequency and severity of crashes.
- Improve roadway elements to meet current design criteria to address identified safety concerns.
- Reduce conflicts between vehicles of varying types and speeds.
- Address identified crash trends and clusters.

### NEED 2: ACCOMMODATE EXISTING AND FUTURE CAPACITY DEMANDS

#### Objectives (To the Extent Practicable)

- Maintain LOS standards for mainline segments and interchange ramps.
- Improve operations and maintain LOS standards for intersections.

### NEED 3: PROVIDE FOR THE MOBILITY OF PEOPLE AND FREIGHT

#### Objectives (To the Extent Practicable)

- Provide for the movement and transfer of people and goods.
- Maintain the roadway for effective and prompt emergency response.

### OTHER CONSIDERATIONS

- Environmental resource impacts of improvement options
- Local and regional planning efforts
- Funding availability
- Construction feasibility and impacts
- Security of the transportation system