

Summary of Infrastructure Deficiencies

Inside and outside shoulder widths are substandard (too narrow) throughout the corridor

- Current design standards specify 12-foot shoulders
- Shoulder widths (inside and outside) of less than 10 feet were rated poor
- Shoulder widths of 10 feet (inside and outside) were considered fair

Vertical grades present challenges throughout the corridor

- Current design standards specify a 4 percent maximum grade
- Locations where vertical grades were between 4 and 5 percent were rated fair, and areas with steeper than 5 percent grades were rated poor
- Although not rated poor, the steady climbing grades between Castle Rock and Monument impacts traffic flow and speeds

Nearly all interchanges in the study area have ramp deficiencies

- Deficiencies include short exit ramps, undesirable horizontal curves, narrow ramp shoulders, and/or steeper than desired vertical grades

