Identified Needs

- Provide for increased capacity in order to reduce travel delays
- Provide access to tourist attractions throughout the region
- Provide efficient connectivity to, from and between military installations
- Provide capacity for increased demand from the freight industry
- Provide for the efficient transporting of freight in and out of the Port of Virginia

Support the current economic development needs along the corridor and in the region

ROADWAY CAPACITY

**Base Year 2011**

- Base (2011) traffic volumes are higher than the current facility can accommodate at an acceptable level of service, particularly during peak travel times.

**Future Year 2040**

- The existing facility will be unable to accommodate the projected future (2040) traffic volumes within the corridor at an acceptable level of service.

ROADWAY DEFICIENCIES

**Base Year 2011**

- Due to changes in the interstate design standards and almost 50 years of traffic volumes creating wear and tear on the corridor infrastructure, there are a number of roadway and structure deficiencies throughout the corridor.

**Future Year 2040**

- Future increase in traffic volumes and continued aging of the corridor will cause deterioration of the mainline pavement. Existing structures will also continue to deteriorate in future years without major rehabilitation or replacement.

SAFETY

**Base Year 2011**

- Existing traffic congestion along with aging roadway and structural deficiencies have exacerbated safety concerns within the corridor.

**Future Year 2040**

- Increased traffic congestion along with aging roadway and structural deficiencies will result in increased safety concerns within the corridor.

**Legend**

- Brown area: Corridor locations where insufficient Bridge, usually new; an entirely deficient Bridge would receive a rating of 0. A low sufficiency rating does not mean that a Bridge is in imminent danger of failure, but it does mean that the Bridge cannot meet the current design criteria and is subject to rehabilitation or replacement.