CORRIDOR

Draft Purpose & Need

Project Purpose

The purpose for transportation improvements along this corridor is to improve travel time reliability & reduce congestion along I-526 from Virginia Avenue in Charleston to US 17 in Mount Pleasant.

Project Goals

- Compatibility: Align with local land use plans & projects
- ✓ Demand: Accommodate increased numbers of vehicles
- √ Seismic: Design any new roads or bridges with new earthquake standards
- **Connectivity:** Improve connections with local ports, railway facilities, and transit



Safety: Reduce traffic-related crashes

Multimodal: Enhance movement through the corridor including other modes such as carpool, transit, walk, or bike



Technology: Accommodate future transportation technologies vehicles, system monitoring, driver information, and traffic operations

Identified Needs

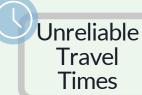
Mobility

This is a busy corridor supporting a large number of people, goods, and services. The key issues are:



Traffic congestion from high traffic volumes & limited capacity







Roadway Deficiencies

The current roads, bridges and interchange ramps are not designed to handle the current or future traffic demands. The key issues are:





