

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 North 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 for 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

Over Capacity Roadways

Unreliable Travel Times

Congestion-Related Crashes

Roadway Deficiencies

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

Shoulder Widths

On & Off Ramp Lengths

Tightly Curved Ramps