

## Corridor Needs Assessment

Stakeholders and local citizens aided in the corridor needs assessment process by identifying the strengths and weaknesses of the South Military Highway corridor.

Strengths for the corridor included:

- Central location in the region
- Accessibility to the interstate
- Provides alternate route to the interstate
- Vital link in the regional transportation system
- Relatively wide existing right-of-way
- Plan for Gilmerton Bridge replacement
- Potential for a major commercial corridor

It was very clear that residents in the study area understand the transportation and economic significance of the South Military Highway corridor at both the local and regional level. It can also be said there was general agreement regarding the challenges or weaknesses of the corridor as they relate to transportation.

Weaknesses identified for the corridor include:

- Gilmerton Bridge
- Condition of pavement
- Uncoordinated signal system (signal timing)
- Lack of access management (too much access)
- Lack of exclusive turn lanes
- Feeder road system
- Poor lighting
- Lack of pedestrian and/or bicycle facilities
- Minimal transit service

Upon identifying both the perceived strengths and weaknesses of the corridor an inventory was conducted by Kimley-Horn to identify and verify issues facing local residents, businesses, and the City of Chesapeake for the following elements:

- Gilmerton Bridge
- Signal timing
- Intersection level of service analysis
- Turn lane requirements
- Corridor accessibility
- Pedestrian and bicycle facilities
- Signage
- Lighting