

Hi Jan – As requested, see below what we've received from SCDOT on the Connector Study.

Connector Study Scope

The consulting firm will conduct a state of practice review for bicycle and pedestrian accommodations for similar type facilities. The firm will also collect data on existing vehicular volumes and speeds as well as bicycle and pedestrian usage data for the study area.

Using information gathered in the review and data collection process, the consulting firm will propose potential improvements to the existing lane configuration and/or alternative lane and marking configurations/schemes for the study area. The study area should include the signalized intersection at SC 703 (Palm Blvd) on the Isle of Palms end. Multiple alternatives are to be studied and considered, to include having bicycle and pedestrian accommodations for only one side of the Isle of Palms Connector, constructing a separate facility (bridge) for bike/ped accommodations, reversible lanes and any other alternative that the consultant identifies that accommodates the various modes of travel.

For each alternative, study will include connectivity requirements on both sides of the bridge, and if modifications will be required at intersections for either sides of the bridge. The study should identify whether a studied alternative creates delay for the motoring public, creates challenges for first responders or requires additional improvements outside of the limits of the bridge.

The consulting firm will then conduct a comparative safety and operational analysis of the original lane configuration, the existing lane configuration and proposed alternatives which will include pros and cons of each design as well as costs for implementation and operation of any recommended revisions or alternative designs. The consulting firm will be required to solicit input/comments from the public, local governments and other stakeholders about the proposals and include that information in the study.