

PROPOSED SAFETY IMPROVEMENTS AT THE INTERSECTION OF US 21 (ANDERSON ROAD) AT S-162 (HALL SPENCER ROAD) IN YORK COUNTY

Public Information Meeting



The South Carolina Department of Transportation (SCDOT) welcomes you to this public information meeting. We appreciate your attendance at this meeting and encourage your feedback. The purpose of this meeting is to provide the public an opportunity to review and discuss the proposed intersection improvements. You are welcome to review the displays, videos, and either make a verbal or written comment.

Project Highlights

Project Purpose

This is an important safety project to help reduce the frequency and severity of crashes occurring at this intersection. The Reduced Conflict Intersection (RCI) design reduces the total number and overall severity of vehicle-to-vehicle conflict points. Comparing a conventional four-leg intersection to an equivalent RCI design, and accounting for the U-turn locations on both sides of the main intersection, the total number of conflict points is reduced from 32 to 18 - a nearly 50 percent reduction.

Proposed Improvements

The Reduced Conflict Intersection (RCI) is an innovative intersection design that improves safety and operations by changing how minor road traffic crosses or turns left at a major road. The RCI does not change any of the movements that are possible from the major road.

RCI's are safer due to reduced conflict points. In national studies, RCI's have reduced fatal CRASHES BY 70% and injury crashes have declined by 42% after instillation.

South Carolina has seen similar improvements. Based upon an evaluation of 6 Reduced Conflict Intersections, right angle crashes have been reduced by 96%. Fatal crashes were reduced 100% and all injury crashes have been reduced 73%.



HOW SAFETY PROJECTS ARE IDENTIFIED

Federal Highway Safety Improvement Program (HSIP)

This intersection was selected for improvement through the HSIP. This program uses a data-driven strategic approach to identify locations throughout the state with high crash rates or patterns and implements safety enhancements through infrastructure-related improvements. The HSIP project selection requires an engineering study that includes an analysis of the crash data, an assessment of the field conditions, and an evaluation of the effectiveness of all potential countermeasure to ensure maximum safety benefits are obtained for the amount of funds invested.

Requested Feedback

If you would like to submit written comments about the project, you may do so as follows:

- 1) Complete a comment form and deposit it in the comment boxes located in this meeting room.
- 2) Mail or email your comments using the contact information provided to the right.
- 3) Online at the Project Website:
<https://scdotgis.online/US21Improvements>
(Not compatible with Internet Explorer)

SCDOT will compile all comments given at the public information meeting along with those that are mailed into an official public meeting file. All materials from tonight's meeting can be found at:
<https://scdotgis.online/US21Improvements>
(Not compatible with Internet Explorer)

Comments should be submitted no later than May 6, 2022.

Anticipated Schedule

Property Negotiations

Late 2022

Construction

Late 2023

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