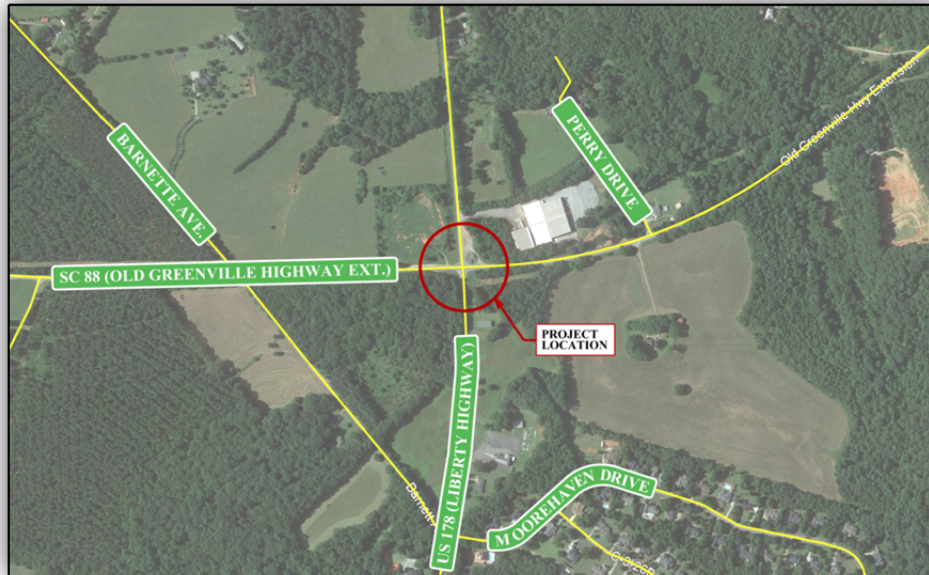




## SAFETY IMPROVEMENT PROJECT

### Proposed Safety Improvements at the Intersection of **US 178 (Liberty Highway) and SC-88 (Old Greenville Highway Extension)**

The South Carolina Department of Transportation (SCDOT) would like to provide notice of the safety issues and pending improvements at the intersection of US 178 (Liberty Highway) and SC-88 (Old Greenville Highway Ext.). Below you will find project information as well as contact information should you have any questions or concerns.



### Project Purpose

This is an important safety project to help reduce the frequency and severity of crashes occurring at this location. Recent safety analysis indicates a pattern of right-angle collisions occurring at this intersection. High speeds combined with failure to yield right of way and disregard of traffic control are factors that may have contributed to the crashes.

### Proposed Improvements

SCDOT proposes to convert the current intersection of US 178 (Liberty Hwy) and SC-88 (Old Greenville Hwy Ext.) to a single lane, modern roundabout, which has been identified as the most effective countermeasure for improving the safety of this intersection. National research has proven that roundabouts reduce fatal crashes by up to 90 percent, injury crashes by up to 76 percent, and all crashes by up to 35 percent. Within South Carolina, studies of intersections converted to roundabouts have shown a 100 percent fatality reduction and an overall 71 percent crash reduction. With all cars travelling in the same direction, roundabouts reduce the number of conflict points and prevent right-angle collisions which can be one of the most severe types of crashes, often resulting in serious injuries and even fatalities. Roundabouts are designed to slow traffic but also allow traffic to move freely, which makes them safer and more efficient than traditional signalized or stop-controlled intersections.

### How are Safety Projects Identified?

This intersection was selected for improvement through the Federal Highway Safety Improvement Program (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 field conditions, and an evaluation of the effectiveness of all potential countermeasures to ensure the maximum safety benefit is obtained for the amount of funds invested.

### Anticipated Schedule

Property negotiations are anticipated to begin late 2019. Once final plans and property negotiations are complete, SCDOT will publish the project for bidding by qualified roadway contractors. Bidding is tentatively scheduled for late 2020; with construction beginning a few months after the contract has been successfully awarded.

### Contact Information

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