



South Carolina  
Department of Transportation

Robert E. Perry, P.E.  
Deputy Secretary for Engineering  
803-737-7900

August 7, 2025

The Honorable Rutledge B. Leland, III  
Mayor, Town of McClellanville  
405 Pinckney Street  
McClellanville, South Carolina 29458

RE: US 17 & SC 45 Traffic Signal Request

Dear Mayor Leland:

Thank you for your request to Secretary Powell regarding the Town Council resolution requesting the installation of a traffic signal at the intersection of US 17 & SC 45. Your request was forwarded to my office for further review and response. Upon review of the intersection history, the most recent study was conducted in January 2024 at your request. Like the studies conducted periodically through the years, a traffic signal was not warranted.

One of the concerns previously expressed was related to additional development proposed in the area. As developments move forward, we will continue to review their traffic impact studies to determine any mitigation needed for their traffic impacts. Please continue the dialogue with our district office as it pertains to these developments.

While the intersection is not a candidate for signalization, it is possible that another intersection configuration such as a Reduced Conflict Intersection (RCI) would be effective. SCDOT does not currently have funding for this type of construction project at this intersection, but we can provide examples that have been successfully implemented throughout the state. We encourage you to stay engaged with the Berkeley-Charleston-Dorchester Council of Governments (BCDCOG) to identify funding opportunities if this alternative is desired.

Lastly, as part of a pavement marking review this summer, we identified some minor changes that we feel will provide improved guidance to drivers at the intersection. The stop bar on SC 45 will be moved closer to US 17 and dashed lines will be added through the intersection to better define the travel way. These have been assigned maintenance work request number 960477, which is expected to be completed in approximately 60 days.

We regret that we are unable to fully concur with your request. If you have any questions regarding our reviews or the maintenance work request, you may reach our district office at (843) 740-1665.

Sincerely,  
Rob E. Perry, P.E.

Deputy Secretary for Engineering

cc: The Honorable Lee Hewitt, House of Representatives  
The Honorable Larry Kobrovosky, Charleston County Council  
Justin P. Powell, Secretary of Transportation  
Timothy R. Henderson, P.E., P.L.S., District Engineering Administrator  
Joshua A. Johnson, PE, PTOE, District Traffic Engineer  
File: D6/Charleston  
CTS 281

