



South Carolina
Department of Transportation

Acting Deputy Secretary for Engineering
Leland D. Colvin, P.E.
Phone: (803) 737-7900 Fax: (803) 737-5053

February 25, 2016

Ms. Doris A. Frayer
Post Office Box 4902
Columbia, South Carolina 29240-4902

**RE: Intersection of SC 901 (South Main Street/Mountain Gap Road)
with S-12-54 (Old Richburg Road) - Chester County**

Dear Ms. Frayer:

Thank you for your letter to Secretary of Transportation Christy A. Hall regarding safety issues at the intersection of SC 901 and S-12-54 (Old Richburg Road) in Chester County. Our local District Traffic Engineering unit conducted a traffic study at this intersection regarding signalization or other measures necessary to improve the safety of this intersection. This study included a review and evaluation of the physical intersection characteristics and operating conditions as well as the collection and analyzation of traffic counts and accident records.

The study was conducted to insure the traffic data collected included school traffic flow as well as the volume of large trucks. In addition, the study also included review of the recent accident history including the crash that occurred just prior to Thanksgiving. The results show the traffic volumes, as well as the crash data, do not justify a traffic signal or a multi-way stop by the standards set forth in the *Manual of Uniform Traffic Control Devices* (MUTCD).

The study indicated that the travel speeds are slightly higher than the 35 MPH limit posted on SC 901(South Main/Mountain Gap Road) and the 50 MPH limit posted on Old Richburg Road. As a result, we will install additional speed limit signs to better define the speed limit zones. Our District Staff in Chester will contact local law enforcement to request selective enforcement. Finally, we will re-paint the stop lines closer to the intersection and prohibit parking on the right-of-way at the vacant lot on the south side of the intersection to ensure that occasional parking does not interfere with intersection sight distance. Our local maintenance forces will accomplish this work as soon as their schedules permit.

We trust you understand our study evaluation and decisions are based on a thorough examination of the site conditions, review of all pertinent engineering data, and comparison to the standards established by *Federal Manual on Uniform Traffic Control Devices* (MUTCD).



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Thank you for bringing this important matter to our attention. If you have further questions or concerns, please feel free to contact me at 803-737-7900 or our local District Engineering Administrator John McCarter at 803-377-4155.

Sincerely,



Leland D. Colvin, P.E.
Acting Deputy Secretary for Engineering

LDC:thm

cc: ✓ Nikki Haley, Governor of South Carolina
ecc: W. B. Cook, SCDOT Commissioner
Christy A. Hall, P.E., Secretary of Transportation
Andrew T. Leaphart, P.E., Chief Engineer for Operations.
John M. McCarter, P.E., District Four Engineering Administrator
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