



South Carolina
Department of Transportation

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June 28, 2016

Mr. Douglas Algire
1030 Edgefield Rd.
York, South Carolina 29745

RE: Request Paving of S-46-1249 (Edgefield Road)

Dear Mr. Algire:

Thank you for contacting the Governor concerning Edgefield Road in York. I understand you had some issues as a result of the recent work that was done on the pavement.

South Carolina Department of Transportation Maintenance forces as part of the initial stages of addressing the condition of Edgefield Road performed a base stabilization process utilizing cement reclamation. This process has been very successful throughout the State. This process is the first step of several which strengthens the base of the roadway and prepares it for a riding surface.

As part of the base stabilization process, a bituminous treatment (chip and seal) is applied to the finished reclaimed surface. This serves the purpose to seal in the moisture to allow the cement to cure and reach strength as well as to give a riding surface for the reclaimed material. It also protects the newly reclaimed surface from the weather.

In some cases, additional layers of bituminous treatment are used to provide a better protective coating for the reclaimed surface. Maintenance will continue to monitor the treatment and take additional measures to address any bleeding that may occur where the bituminous liquid is exposed, usually due to extremely high temperatures similar to what we have experienced recently in York. In addition, there may be some loose stone that wears off due to traffic. This loose stone will be swept as conditions warrant. Signs were installed warning drivers of these conditions and reducing the speed limit during this period of construction.

On occasion, small areas of the treatment may release from the newly reclaimed surface and exposes the base beneath. Maintenance will monitor this and they will take measures to address these areas. These areas are not base failures and are easily repaired.

As I mentioned, this reclamation process is the first of several steps in addressing the condition of the pavement. Once the bituminous treatment has cured, temporary paint will be applied to provide delineation of the centerline and pavement edges.



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As one of the final steps to this pavement repair, a contract has been put together and the Department will receive bids for the resurfacing of Edgefield Road with a current tentative date set for this September. This contract will place the final riding surface which will be hot mix asphalt very similar to the pavement that was placed on Railroad Avenue in York. We will certainly attempt to have this resurfacing completed this year prior to the winter. However, factors such as temperatures and rain may impact the timing of the resurfacing of the roadway.

Thank you for your concern and I appreciate your patience as we work through this process. Sometimes due to the limited funding and the multiple funding sources that are utilized to accomplish this type of work, projects take several months to complete. If you have any questions, please don't hesitate to contact Mr. Todd Cook, District 4 Maintenance Engineer at 803-377-4155.

Sincerely

A handwritten signature in black ink, appearing to read 'John M. McCarter', is written over a horizontal line.

John M. McCarter, PE
District 4 Engineering Administrator

JMM:jha

cc: Governor Nikki Haley, c/o Susanne Cooper
ecc: Leland D. Colvin, P.E., Deputy Secretary for Engineering
Andrew T. Leaphart, P.E., Chief Engineer for Operations

File: D4/MTN/JMM

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