

## *Inter-departmental Memorandum*

Date: June 15, 2010

TO: Design Team Leaders

FROM: Steve Reeves, Roadway Design Division

SUBJECT: Horizontal Limits for Chemical Treatments

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The horizontal limits for the chemical treatment of granular material shown on the typical sections shall be two (2) feet outside the pavement edge of the roadway. This means if you have two 14' lanes for a total of 28' of pavement, you will show a width of 32' for the treatment of granular material.

The horizontal limits for the chemical treatment of the subgrade will depend on whether you are treating the subgrade to provide a working platform or you are treating for High Volume Change (HVC) soil.

When treating the subgrade to provide a working platform, show the treatment extending from the outside edge of shoulder to the outside edge of shoulder. This means that if you have a section with two 14' lanes and two 8' shoulders, you will show a width of 44' for the chemical treatment of subgrade.

When treating the subgrade for HVC soil, the chemical treatment shall be shown from ditchline to ditchline, or slope to slope. The width of this treatment will depend on depth of typical section, lane width, shoulder width and slope rates.

Consultants:

Please distribute this Design Memo to any other of your offices that may have a need for it. All RWD Design Memos may be found on MDOT's FTP site:

<http://ftp.mdot.state.ms.us>

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If you have any questions, please advise.

cc: Keith Purvis, Assistant Chief Engineer-Preconstruction  
John Reese, Roadway Design Division Engineer  
Amy Mood, Assistant Roadway Division Engineer  
Doug Funchess, Construction Division  
Jimmy Hammons, Roadway Design  
Roadway Design Section Engineers  
Active Consultants