

OFFICE OF STATE AID ROAD CONSTRUCTION  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DATE: August 25, 2005

**SUBJECT: Agricultural Limestone**

Section S-715-ROADSIDE DEVELOPMENT MATERIALS; of the MISSISSIPPI STANDARD SPECIFICATIONS FOR STATE AID ROAD AND BRIDGE CONSTRUCTION 2004 EDITION is hereby amended as follows:

**901-S-715.02.2.1.1 -- Screening Requirements.** Delete the first sentence of Subsection S-715.02.2.1.1 on page 7-109 and substitute the following:

Grade "A" liming material, including ground shells, shall not have less than 90% of the material passing the No. 10 sieve, and not less than 47.5% passing the No. 6 sieve.

Delete Subsection S-715.02.2.1.2 on page 7-109 and substitute the following:

**901-S-715.02.2.1.2 -- Calcium Carbonate Equivalent.** Grade "A" liming material shall not have less than 85.5% calcium and magnesium carbonate calculated as calcium carbonate equivalent when expressed on a dry weight basis.

Marl or chalk liming material shall not have less than 70% calcium and magnesium carbonate calculated as calcium carbonate equivalent when expressed on a dry weight basis.

**901-S-715.02.2.1.3 -- Neutralizing Values.** Grade "A" liming material shall have a minimum equivalent neutralizing value (ENV) of 63.0%, which is determined as follows:

$$\text{ENV} = \text{Fineness Value} \times \text{Assay}(\%)$$

Where Fineness value =  $((\% \text{ Passing } \#10 - \% \text{ Passing } \#60) \times \frac{1}{2}) + \% \text{ Passing No. } 60$ , expressed as a whole number.

$$\text{Assay} = \% \text{ calcium carbonate equivalent}$$