

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-412-2

CODE: (SP)

DATE: 05/22/2013

SUBJECT: Pre-Grinding Existing Pavement

Section 907-412, Pre-Grinding, is hereby added to and made a part of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction as follows.

## **SECTION 907-412 -- PRE-GRINDING**

**907-412.01--Description.** This work shall consist of grinding existing pavement surfaces to substantially eliminate bumps/knots in the existing pavement which results will improve riding characteristics of the finished pavement surface. The work shall be accomplished in accordance with these specifications and in reasonably close conformity to any details on the plans or in the contact documents.

Pre-grinding will be allowed, and paid for, on certain projects in which a pay item for pre-grinding is included in the bid items. Pre-grinding will be allowed at the Contractor's option on all other projects, but at no cost to the State. The Contractor may elect to pre-grind bumps in the existing pavement surface to improve riding characteristics prior to placement of the new asphalt pavement. It is the intent of this specification to remove bumps which can not be eliminated during the paving operation but not to pre-grind areas that can be corrected with the asphalt overlay.

### **907-412.02--Blank.**

**907-412.03--Construction Requirements.** Prior to any paving operations, the Contractor shall run a profilograph of the existing pavement as required in Subsection 907-403.03.2.1. This profile shall be used to determine if and where any areas are located with a short interval MRI value of 150 inches per mile or more. With approval of the Engineer, these areas may be ground prior to placement of the asphalt overlay.

Equipment for pre-grinding shall meet the requirements set forth in Section 406 of the Standard Specifications, or other equipment approved by the Engineer.

The Contractor shall establish positive means for removal of grinding residue. Solid residue shall be removed from pavement surfaces before it is blown by traffic action or wind. Residue shall not be permitted to flow across lanes used by public traffic or into gutters or drainage facilities, but may be allowed to flow into adjacent ditches.

**907-412.04--Method of Measurement.** When a pay item is included in the contract, Pre-Grinding of existing pavement will be measured by the square foot of area approved by the Engineer.

**907-412.05--Basis of Payment.** Pre-Grinding, measured as prescribed above, will be paid for at the contract fixed price per square foot, which price shall be full compensation for all labor, tools, equipment, profiling, cleanup, and all incidentals necessary to complete the work.

Payment will be made under:

907-412-A: Pre-grinding - per square foot