



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
OFFICE OF THE SECRETARY  
MANILA

OCT 01 2001

DEPARTMENT ORDER)

NO. 181 )  
Series of 2001 10.01.01 )

SUBJECT : Amendments to Item 307, Bituminous Plant  
Mix Surface Course-General

In order to facilitate the evaluation for acceptance and payment of asphalt pavement, Subsection 307.3.10, Accepting, Sampling and Testing and Subsection 307.4, Method of Measurement under Item 307 of the DPWH Standard Specifications for Highways, Bridges and Airports, Volume II, are hereby amended to read as follows:

**307.3.10 Acceptance, Sampling and Testing**

The contractor shall cut full depth samples as directed, from the finished pavement, for testing. Samples shall be neatly cut by saw or core drill. Each sample shall be at least 150 mm x 150 mm or 100 mm diameter full depth. At least one, but not more than three samples shall be taken for each full day's operation. If no core samples were taken during the day's operation, core samples shall be taken from the completed pavement for every 100 L.M. per lane. The contractor shall supply and finish new material to backfill voids left by the samples taken.

The samples obtained will be used to measure the thickness of the pavement. The same samples will be used to test the density of the compacted pavement by AASHTO T 166.

*The compacted pavement shall have a density equal to, or greater than 97 mass percent of the density of a laboratory specimen. The asphalt pavement represented by the cores shall not be accepted if the deficiency in density is more than 2 %.*

*The compacted pavement shall have a thickness tolerance of -5 mm. Thickness in excess of the specified thickness shall not be considered in the payment of asphalt pavement. The asphalt pavement represented by the cores shall not be accepted if the deficiency in the average thickness is more than 5 mm.*

**307.4 Method of Measurement**

*The area to be paid for under this Item shall be the number of square meters ( $m^2$ ) of asphalt pavement placed, compacted and accepted based on the thickness and densities of the cores taken in accordance with subsection 307.3.10 (Acceptance, Sampling and Testing).*

The above amendments shall be adopted in the evaluation for acceptance and payment of Items 308 and 309 and Item 310, Bituminous Concrete Surface Course, Hot Laid of the DPWH Standard Specifications.

Except for the above amendments, the other provisions of the DPWH Standard Specifications for the said Items shall remain in force.

This Order takes effect immediately.

  
SIMEON A. DATUMANONG  
Secretary