



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

897. 13 DPWH
OF - 06 - 2016

05 MAY 2016

DEPARTMENT ORDER)


NO. **91**)
Series of 2016)

SUBJECT: Reiterating Strict Compliance with Department Order No. 06, Series of 2011, re: Proper Application of Asphalt Sealant on Transverse Contraction / Weakened Plane, Construction, and Longitudinal Joints of Concrete Pavements

Improper application and use of unsuitable type and penetration grade of asphalt sealant on the joints (*Transverse Contraction/Weakened Plane, Construction and Longitudinal Joints*) of most concrete paving works being implemented by the Department either by Contract or by Administration are among the most common observations during project inspection/assessment. This improper method/procedure in sealing joints may affect the structural integrity, quality of the riding surface and even the aesthetic appearance of the constructed concrete pavements.

In view hereof, Department Order No. 06, Series of 2011 is hereby reiterated for strict compliance of all concerned project implementing offices. For the information and proper guidance, the asphalt sealant to be used shall either be **hot-poured joint filler** (*Subsection 311.2.7 Joint Fillers*) or **blown or oxidized asphalt** (*Bitumen R-Grade 115/15*) and shall conform to AASHTO M 173 to be applied on all types of concrete pavement joints in accordance with Subsection 311.3.17 (Sealing Joints) of the DPWH Standard Specifications for Highways, Bridges and Airports, Volume II, 2012 Edition.

To ensure the proper application of the above-mentioned materials, the mechanical applicator to be used shall conform to the provisions of Department Order No. 80, Series of 2016, re: Mandatory Use of Joint Sealer Equipment/Machine for Sealing Joints on Concrete Pavements.


ROGELIO U. SINGSON
Secretary

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