



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

047.13 DPWH
05-11-2005

MAY 11 2005

DEPARTMENT ORDER) SUBJECT : USE OF CELLULOSE FIBER
No. 62) (VIATOP) AS ADDITIVE TO
Series of 2005 05-11-05) STONE MASTIC ASPHALT
(SMA)

In line with the continuing efforts to upgrade the construction technology thru the adoption of successful research studies, this Department has approved the use of Cellulose Fiber (Viatop) as Additive to Stone Mastic Asphalt (SMA), to absorb the excess binder and to improve the properties of the asphalt mix. A bitumen coated cellulose fiber (viatop) in pellets form are added to the dry mix aggregates in the amount of 0.30 to 0.45 percent by weight (3.0 to 4.5 kg. per metric tonne) of bituminous mixture. A job mix shall be established and the mix should meet the minimum dry compressive strength requirement of 1.4 MPa (200 psi) and shall have an index of retained strength of not less than 70% when tested in accordance with AASHTO T 165.

This Order shall take effect immediately.


HERMOGENES E. EBDANE, JR.
Acting Secretary



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