



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)
National Highways Authority of India

(Ministry of Road Transport and Highways)
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No.: 11041/218/2007-Admn.

4th January 2010

POLICY MATTERS – TECHNICAL (40/2010)
(Decision taken on TIC Division File No. NHAI/Tech/TIC/Gen1/2009)

Sub: Providing Slurry Seal and Micro-surfacing as maintenance treatments for preventive maintenance & rectification of surface defects.

Slurry sealing and micro-surfacing treatments are used as preventive maintenance/renewal treatment of flexible pavements and preservation of pavement strength besides rectification of surface defects like minor cracks, dry and hungry surface due to ageing, wear and tear due to passage of traffic. Indian Road congress has already issued tentative specifications for Slurry Seal and Micro-surfacing vide IRC:SP:81-2008. Ministry of Road Transport and Highways is also in the process of issuing specifications for Slurry Seal and Micro-surfacing in the 5th revision of specification for Road and Bridge Works.

2. Slurry Seal treatment is used for preventive maintenance and renewal treatment as substitute of surface dressing, open graded premix carpet and mix seal surfacing for low traffic roads. Slurry seal can also be used for repair of minor surface defects like hair line and fine cracks.

3. Micro-surfacing is used as surface sealing treatment to improve skid resistance, surface durability, seal fine and medium cracks. It is applied on existing pavement surface which is structurally sound, but the surface shows signs of premature ageing, aggregate loss, cracking, high degree of polishing etc. It helps in preservation of pavement strength and can be used both for preventive and periodic renewal treatment of a preferably low and medium traffic road.

4. In view of above, it has been decided that Slurry Seal and Micro-surfacing may be used as preventive maintenance/renewal treatment as prescribed in the Specifications.

5. This issues with the approval of Chairman, NHAI.


(S.K. Nirmal)
Chief General Manager (Coord.)

To:

1. PS to Chairman
2. PS to All Members
3. PS to All CGMs/CVO
4. All GMs/DGMs/Managers
5. All PIUs/CMUs/SPVs
6. Librarian/Hindi Officer