Abstract

Road transport is considered to be one of the cost-effective and preferred modes of transport for both freight and passengers. India has an extensive road network of 4.24 million km, the second largest in the world[1]. Rural roads consist over 85 percent of the road network and keeping them in serviceable condition is important to the agricultural growth and affording means of access to millions of rural people to social facilities viz. medical, education as also to market[2]. Rural road funding is inadequate to maintain current road condition under traditional maintenance and rehabilitation policies. With the preventive maintenance program the pavement can be maintain in a cost effective manner with less total cost and better pavement quality. Microsurfacing is widely used for both pavement preservation and preventive maintenance. Microsurfacing is environmental friendly as it reduces the greenhouse gas and fuel consummation. This paper describes the construction process of wearing course of
pavement through Microsurfacing which reduces the both direct and indirect cost and experience of Microsurfacing at IIT-Guwahati approaching road.

References

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