

# REVIEW ON PERFORMANCE ENHANCEMENT OF MASTIC ASPHALT MIX USING SUITABLE MODIFIER

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*Abstract:* Mastic asphalt is a gap graded asphalt mixture which can be used in surface layer of high volume pavements, wearing surface for bridge decks, etc.... Due to recent problem of pavement failure at intersection, bridge deck, rotary etc, the use of mastic asphalt is increasing exponentially. The mastic asphalt is a void bitumen pavement where the voids are filled with bitumen. Up to 16% .The optimum bitumen content is 16% is very high and in Indian condition it is bound to bleeding.

The modified bitumen to be used in mastic asphalt can decrease the temperature of mixing as well as it can decrease OBC. The strength parameter especially the hardness number is also to be compared with modified bitumen.

*IndexTerms*–Pitch mastic asphalt, bridge deck, hardness no, shredded plastic, pavement surface