

**GOVERNMENT OF INDIA
SHIPPING, ROAD TRANSPORT AND HIGHWAYS
LOK SABHA**

UNSTARRED QUESTION NO:4957
ANSWERED ON:27.04.2005
USE OF CEMENT FOR ROADS AND HIGHWAYS
Adhalrao Patil Shri Shivaji

Will the Minister of SHIPPING, ROAD TRANSPORT AND HIGHWAYS be pleased to state:

- (a) whether experts have pointed out a number of drawbacks of using cement for construction of roads and highways;
- (b) if so, the details thereof;
- (c) whether the Government is considering any alternative of cement; and
- (d) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF SHIPPING, ROAD TRANSPORT AND HIGHWAYS (SHRI K.H.MUNIYAPPA)

(a) & (b) No such opinion has been received from experts. However, there are certain advantages like longer life, better road condition and ease in maintenance and certain drawbacks like the higher initial cost, susceptibility to skidding and higher noise etc. in the uses of the cement concrete roads.

(c) & (d) Only proven materials are being used for construction of roads. These are bitumen, cement and stone aggregates. Modifiers for bitumen, geo-textiles and fly ash have been recently introduced in road construction.