

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

STARRED QUESTION NO:662
ANSWERED ON:07.05.2003
ALTERNATE MATERIAL FOR CONSTRUCTION OF ROADS
ASHOK NAMDEORAO MOHOL;RAMSHETH THAKUR

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

- (a) whether the Government are using cement for construction of roads under the National Highway Development Project;
- (b) if so, whether the experts have pointed out several drawbacks in use of cement in the construction of roads;
- (c) if so, the details thereof;
- (d) whether the Government are considering use of any alternate material for the construction of roads; and
- (e) if so, the details thereof?

Answer

THE MINISTER OF STATE OF THE MINISTRY OF ROAD TRANSPORT AND HIGHWAYS (MAJOR GENERAL (RETD KHANDURI)

(a) to (e) A statement is laid on the Table of the House .

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF THE LOK SABHA STARRED QUESTION NO.662 ANSWER ON 07.05.2003 ASKED BY SHRI ASHOK N.MOHOL AND SHRI RAMSHETH THAKUR REGARDING ALTERNATE MATERIAL FOR CONSTRUCTION OF ROADS

(a) Yes, Sir.

(b) &(c) No such opinion has been received from experts. However, the higher initial cost, susceptibility to skidding and higher noise etc. are some of the drawbacks of cement concrete roads.

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