

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

UNSTARRED QUESTION NO:1521
ANSWERED ON:03.08.2010
GREEN FIELD EXPRESSWAYS
Singh Chaudhary Lal

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

- (a) whether the Government has any proposal to construct cemented concrete green field expressways in the country;
- (b) if so, the details thereof;
- (c) whether the cemented concrete roads have more life span and also save fuel consumption;
- (d) if so, the details thereof; and
- (e) the locations identified/being identified for construction of green field expressways?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF ROAD TRANSPORT AND HIGHWAYS (SHRI R.P.N.SINGH)

(a) and (b): The choice of cement concrete pavement over bituminous pavement depend upon various factors, such as subgrade soil, rainfall, traffic volume, availability of construction materials, besides costs, etc. Accordingly, the choice of pavement type for development of green field expressways may vary from project to project.

(c) and (d): Yes, Sir. However, the concrete roads also have their inherent limitations, such as higher initial cost, poorer riding quality at joints and more noise due to traffic as compared to bituminous pavements. Further, stage construction is not possible in case of concrete roads.

(e): The Government approved construction of 1,000 km of Expressways under the National Highways Development Project (NHDP) Phase-VI. The following stretches have been identified under NHDP-Phase-VI:-

Sl. No.	Section	Length (km)
1	Vadodaraâ€”Mumbai	400
2	Bangaloreâ€”Chennai	334
3	Delhiâ€”Meerut	66
4	Kolkataâ€”Dhanbad	277