

Year	Total National Highways Construction (in km)	National Highways Construction per day (km/day)
2014-15	4410	12.08
2015-16	5391*	16.10

\*till 29.02.2016.

#### Use of jute and coir geo-textiles in road construction

1872. DR. CHANDAN MITRA: Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

- (a) whether the Indian Road Congress has formulated any specifications for use of jute and coir geo-textiles in construction of roads;
- (b) if so, the details thereof;
- (c) if not, the reasons therefor; and
- (d) the steps taken by Government for enhanced use of non-conventional materials or technology such as jute or geo-textiles in road construction across the country?

THE MINISTER OF STATE IN THE MINISTRY OF ROAD TRANSPORT AND HIGHWAYS (SHRI RADHAKRISHNAN P.): (a) to (c) Yes Sir. The Indian Roads Congress has formulated the following guidelines/ specifications for use of jute and coir geo-textiles in the construction of roads:

- (i) IRC:SP:48-1998 titled "Hill Road Manual"
- (ii) IRC:56:2011 titled "Recommended Practices for Treatment of Embankment and Roadside Slopes for Erosion Control"
- (iii) IRC:SP:106-2015 titled "Engineering Guidelines on Landslide Mitigation for Indian Roads"
- (d) Ministry's Specifications for Road and Bridge Works incorporates the use of jute and geo-textiles in different geotechnical engineering applications.

#### Accidents on National/Express Highways

1873. SHRI K.C. TYAGI:

SHRI DARSHAN SINGH YADAV:

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

- (a) whether Government is aware of increase in the number of accidents on various National/Express Highways in the country;