

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

UNSTARRED QUESTION NO:2932
ANSWERED ON:13.12.2006
TECHNICAL PARAMETERS FOR LAYING ROADS
Bishnoi Shri Kuldeep

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

- (a) whether the National Highways Authority of India's technical parameters for laying roads are uniform throughout the country despite massive variations in the country's geological formation and soil texture;
- (b) if so, the details thereof and the reasons therefor;
- (c) whether mandatory soil testing procedures are necessary before building embankments in areas with water bodies;
- (d) if so, the reasons for which a large portion of Dhankuni-Kolaghat section of NH-6 caved in recently; and
- (e) the steps taken by the Government in this regard?

Answer

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

- (a) and (b) Uniform procedures for construction of National Highways are followed, which are based on the specifications/standards & guidelines of this Ministry and Indian Road Congress (IRC). These standards & guidelines provide for the requirements of varying ground conditions.
- (c) Testing requirements and procedures for soil testing as specified in standards & specifications of IRC and this Ministry are followed.
- (d) 110 metres of reinforced earth retaining wall in the approach to the Road over Bridge (ROB) at Km. 18.1 of NH-6 caved in. The matter was investigated by an independent committee of experts which observed that the primary reasons for collapse was due to presence of a peat (soft) layer below the affected zone.
- (e) Adequate measures are being taken for quality assurance based on the specifications/ standards & guidelines of this Ministry / IRC.