

**GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS**

**LOK SABHA  
UNSTARRED QUESTION NO. 1183  
TO BE ANSWERED ON 14.12.2022**

**MAINTENANCE OF OLD RAILWAY BRIDGES**

**†1183. SHRIMATI VEENA DEVI:**

**Will the Minister of RAILWAYS be pleased to state:**

- (a) whether the quality of railway bridges in Bihar has been tested by the Union Government;**
- (b) if so, the details thereof;**
- (c) the total number of railway bridges in Bihar and the number of railway bridges constructed on rivers; and**
- (d) whether the government has formulated any strategy for renovation and maintenance of old railway bridges and if so, the details thereof?**

**ANSWER**

**MINISTER OF RAILWAYS, COMMUNICATIONS AND  
ELECTRONICS & INFORMATION TECHNOLOGY**

**(SHRI ASHWINI VAISHNAW)**

**(a) to (d): A Statement is laid on the Table of the of House.**

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**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 1183 BY SHRIMATI VEENA DEVI TO BE ANSWERED IN LOK SABHA ON 14.12.2022 REGARDING MAINTENANCE OF OLD RAILWAY BRIDGES**

**(a) to (d): There is a well-established system of inspection of Railway bridges on IR. All the bridges are inspected twice a year, once before the onset of monsoon and detailed inspection after the monsoon by the designated officials. In addition, certain bridges are also inspected more frequently depending upon their condition.**

**In the inspection pattern, Railways follow a Numerical Rating System for assessment of physical condition of the Bridge. Every Bridge is assigned an Overall Rating Number (ORN). Based on ORN of a bridge, the priority of Repair/Strengthening/Rehabilitation/Rebuilding of bridge is decided.**

**Various modern technologies like Drone Survey, 3D Scanning of River Beds and Water Level Monitoring have been adopted and have been introduced for the regular inspection & monitoring of the Bridges.**

**Total number of Railway bridges in Bihar is 5182 and the number of Railway bridges constructed on rivers is 859.**

**Repair/Strengthening/Rehabilitation/Rebuilding of bridges is a continuous process and is undertaken whenever so warranted by their physical condition as ascertained during these inspections. Repair/Strengthening/Rehabilitation/Rebuilding of Railway bridges is prioritized and carried out based on the safety consideration.**