

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
RAJYA SABHA
STARRED QUESTION NO.*39
ANSWERED ON - 06/12/2023

ACCIDENTS DUE TO BRIDGE COLLAPSE

***39. DR AMEE YAJNIK**

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

- (a) whether it is fact that there has been a steady increase in bridge collapse accidents in the country, if so, the total number of bridge collapses in the country, especially in Gujarat, in the last three years, State-wise;
- (b) the details of causes for these accidents;
- (c) whether Government has set up any agency to look into these matters, if so, the details thereof and if not, the reasons therefor; and
- (d) the number of lives lost and action taken against the responsible Government authority and the construction company?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

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

**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF RAJYA SABHA
STARRED QUESTION NO. *39 ANSWERED ON 06/12/2023 ASKED BY DR AMEE
YAJNIK REGARDING " ACCIDENTS DUE TO BRIDGE COLLAPSE"**

- a. MoRTH is primarily responsible for development and maintenance of National Highways in the country. There has been a few incidents on National Highways in the country involving fall of girder/span or collapse of bridges during construction or existing. State wise number of such incidents during the last three years and current year till November 2023 including the State of Gujarat is attached at Annexure.
- b. There are different causes for such incidents such as non-compliance of Quality Assurance Plan, problems in temporary structures supporting different components of the bridges during construction, heavy flash flood, progressive deterioration of bridge super structure due to climatic conditions etc.
- c. Such incidents of bridge-collapse during construction are investigated by a committee of experts or executing agency. Based on such report, further corrective measures, as required, are taken .

MoRTH has also taken several proactive steps for assessing the condition of the bridges periodically with the help of manual inspection with provision for close access to different component of the bridge, instrument added investigation/ structural health monitoring on real time basis using sensors, wherever necessary, etc. so that rehabilitation/ retrofitting requirements can be addressed in time. MoRTH has also taken up Indian Bridge Management System (IBMS) to cover the entire bridges, culverts, flyovers, underpasses, overpasses, Road Over Bridges, Road Under Bridges, elevated corridors, etc. on National Highways in the country. Inventory module of IBMS is at preparation stage.

- d. 7 Lives have been lost during last three years and current year till November 2023 in such accidents. MoRTH & its executing agencies have taken action such as debarment of concerned contractor/ concessionaire, supervision consultant, their key professionals and imposition of penalty.

Annexure

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF RAJYA SABHA STARRED QUESTION NO. 39* ON 6th DECEMBER 2023 ASKED BY DR AMEE YAJNIK REGARDING “ACCIDENTS DUE TO BRIDGE COLLAPSE”

DETAILS OF COLLAPSE OF BRIDGES ON NATIONAL HIGHWAYS DURING LAST THREE YEARS AND CURRENT YEAR TILL NOVEMBER 2023:

S. N.	Name of State	No of cases of existing bridge collapse/ collapse of under construction bridge			
		2020	2021	2022	2023(Till November 2023)
1	Andhra Pradesh	0	2	0	0
2	Arunachal Pradesh	0	1	1	0
3	Assam	0	0	0	0
4	Bihar	0	0	0	0
5	Chhattisgarh	0	0	0	0
6	Goa	0	0	0	0
7	Gujarat	0	0	1	1
8	Haryana	0	0	0	0
9	Himachal Pradesh	0	0	0	3
10	Jharkhand	0	0	0	0
11	Karnataka	0	0	0	0
12	Kerala	0	0	0	0
13	Madhya Pradesh	0	1	0	0
14	Maharashtra	0	0	0	1
15	Manipur	1	0	2	0
16	Meghalaya	0	1	1	0
17	Mizoram	0	0	0	0
18	Nagaland	0	0	0	0
19	Odisha	0	2	2	0
20	Punjab	0	0	0	0
21	Rajasthan	0	0	0	0
22	Sikkim	0	0	0	0
23	Tamil Nadu	0	1	1	0
24	Telangana	0	0	0	0
25	Tripura	0	1	1	0
26	Uttar Pradesh	0	0	1	0
27	Uttarakhand	1	2	1	1
28	West Bengal	0	0	0	0

29	Andman and Nicobar Islands	0	0	0	0
30	Chandigarh	0	0	0	0
31	Dadar and Nagar Haveli and Daman and Diu	0	0	0	0
32	Delhi	0	0	0	1
33	Jammu and Kashmir	0	0	0	1
34	Ladakh	0	0	0	0
35	Lakshadweep	0	0	0	0
36	Puducherry	0	0	0	0
	Total	02	11	11	08
