

**GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS**

**LOK SABHA
STARRED QUESTION NO. *280
ANSWERED ON 6th AUGUST, 2026**

DAMAGE TO ROADS AND FLYOVERS

***280. SHRI CAPTAIN VIRIATO FERNANDES:**

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

- (a) the total number and details of National Highway (NH) road sections built by the Ministry that have caved in, failed or suffered major structural damage since 2014 due to contractor negligence;**
- (b) the total number and details of flyovers built along National Highways that have collapsed or failed since 2014, State-wise;**
- (c) the total number and details of contractors or firms involved in construction of roads penalised and/or blacklisted for failure of roads and/or flyovers along NH;**
- (d) the total number and the details of cases where flooding in low lying areas/agricultural fields have been reported due to faulty construction of NH across the country since 2014, State- wise; and**
- (e) the total number and details of land slides reported along NHs across the country since 2014, State-wise?**

**ANSWER
THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS
(SHRI NITIN JAIRAM GADKARI)**

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF LOK SABHA STARRED QUESTION NO. 280 ANSWERED ON 06TH AUGUST, 2026 ASKED BY SHRI CAPTAIN VIRIATO FERNANDES REGARDING DAMAGE TO ROADS AND FLYOVERS

(a) to (c) All efforts are made to ensure that the National Highways (NHs) are constructed as per stipulated quality standards specified in the Indian Roads Congress (IRC) specifications and codes. To ensure that highway construction adheres to stipulated quality standards, Consultants (Authority's Engineer/ Independent Engineers- AE/IE) are appointed by the executing agencies for day-to-day supervision of works at site. Officials of executing agencies undertake inspections from time to time and ensure adherence of conformity of quality of the work done by the Concessionaire/ Contractors with stipulated requirements. In addition, Third-Party Quality Auditors are deployed for independent quality audits of NH works on a case-to-case basis.

State / Union Territory (UT) – wise details of projects involving caving in, major failures or major structural damage on NHs including on bridges and flyovers due to various factors including negligence on part of Contractors and action taken against Contractors/ Concessionaires/ AE/IE etc. since 2014 are at Annexure-I. Action against defaulting agencies has been taken as per the provisions of the Contract/ Concession agreement in case of deficiencies/ damages, such as termination of contract agreement, levying of penalties/ liquidated damages, debarment/ blacklisting, declaring as non-performers etc.

(d) Drainage systems on NHs are designed keeping in mind expected traffic, importance and configuration of road, sources of water, hydrology and hydro-geologic conditions of catchment area, geometric characteristics of the road, presence of extreme gradients and cross slope, areas of excavation and landfill, existing drainage systems, etc. However, localized issues in drainage systems are

caused due to non-clearance of existing drainage system, blockage of the drainage outfall by unauthorized construction, poor maintenance of drainage system in some cases and unprecedented rainfall leading to flooding of drainage systems and low-lying areas/ agricultural fields near the NHs.

State / UT – wise details of major incidents of flooding of low-lying areas/ agricultural fields in NHs stretches reported due to faulty construction since 2014 and corrective actions taken are at Annexure-II.

(e) Generally, incidents of extreme rainfall and landslides are witnessed in the Himalayan Region and Western Ghat sections causing large scale damages to infrastructure including NH sections. Removal of debris and necessary measures for restoration of NH section to traffic-worthy condition are taken on an immediate basis by the concerned executing agencies. Long-term Remedial Measures of Landslide Prone Areas on NHs are also taken up from time-to-time based on details.

State / UT – wise details of major Incidents of landslides in NHs stretches reported since 2014 and corrective actions taken are at Annexure-III.

The Government has taken various initiatives for developing disaster resilient NH infrastructure in Hilly States/ UTs, such as:

- i. Memorandum of Understanding (MoU) signed with Tehri Hydro Development Corporation India Ltd. (THDCIL) for specialized landslide treatment measures for the State of Uttarakhand, Arunachal Pradesh and Mizoram.**
- ii. Decision taken in November, 2024 for implementation of “Cost-effective Long-term Remedial Measures of Landslide Prone areas in Hilly region” as per Expert Committee Report.**
- iii. Decision taken in November, 2025 through policy initiative on "Additional Augmented and Systematic Remedial Measures to Address concerns regarding Construction of National Highways in Hilly Regions and Amendments to the Request For Proposal**

(RFP) for Detailed Project Report (DPR)/Engineering, Procurement and Construction (EPC) Document thereof” in order to:

- a. improve the quality of DPRs;**
 - b. ensure adequate provisions of hill slope protection measures;**
 - c. improvement in construction practice in hilly terrain;**
 - d. ensure implementation of slope cutting and stabilization works in the first instance to be followed up by road construction works for NHs in Hilly/Mountainous terrain;**
 - e. monitoring and early warning system for potential landslides.**
- iv. Decision taken in July, 2026 through policy initiatives on “Specification including mandatory Certification and Quality Assurance for Rockfall Mitigation Measures for National Highways Projects” elaborating comprehensively on necessary checks and balances regarding ensuring adherence to quality standards and obligations of contractors and field offices.**
- v. MoU signed with Defence Geo-informatics Research Establishment (DGRE) for Technological collaboration of Geo-hazard mitigation measures on NHs.**
- vi. MoU signed with Geological Survey of India (GSI) on Geological investigation for tunnels and sharing of data for Geohazard Studies.**
- vii. MoU signed by NHIDCL with National Institute of Rock Mechanics (NIRM) for broad area of collaboration in:**
 - a. geotechnical Investigation scrutiny for tunnel projects, road projects,**
 - b. review/ proof check of design and drawings of tunnel during DPR /construction stage,**
 - c. checking of adequacy of instrumentation and monitoring devices, tunnel safety audit,**
 - d. formulation of scientific investigation based on rock mechanics and rock engineering for work package,**
 - e. training to officials, etc.**
- viii. MoU signed with NIRM for peer review of Detailed Project Report for Shillong – Silchar Greenfield high speed corridor.**

- ix. Research scheme taken up through Indian Institute of Technology (IIT) Roorkee for Development of Guidelines for the Assessment of Hillslope Instability using Instrumentation & Real Time Monitoring.**

Annexure-I

ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (c) OF LOK SABHA STARRED QUESTION NO. 280 ANSWERED ON 06TH AUGUST, 2026 ASKED BY SHRI CAPTAIN VIRIATO FERNANDES REGARDING DAMAGE TO ROADS AND FLYOVERS

State / Union Territory (UT) – wise details of projects involving caving in, major failures or major structural damage on NHs including on bridges and flyovers due to various factors including negligence on part of Contractors and action taken against Contractors/ Concessionaires/ AE/IE etc. since 2014:

State / UT	Projects involving caving in, major failures or major structural damage on NHs including on bridges and flyovers			
	Year	No. of projects	Penalty Imposed	Other penal action
Andhra Pradesh	2021	1	Rs. 40.00 lakh on IE Rs. 3.0 Cr on contractor	
Arunachal Pradesh	2024	1	5% of Contract value on Contractor	
Bihar	2020	1		Contractor debarred for 3 years.
	2022	2		Key personnel of Contractor and AE/IE suspended
	2023	2	Rs. 25 Cr on Contractor	Key personnel of Contractor and AE/IE suspended
	2024	1		Key personnel of Contractor suspended
Himachal Pradesh	2022	1		Rectification done at Contractors own cost
Gujarat	2020	1		Contractor debarred for 2 years
Haryana	2020	1	Rs. 3.00 Cr on Contractor	Debarment of Team Leader of IE. Repairs on the cost of Contractor.
	2021	1	Rs. 6.67 cr on Contractor & Rs. 20 Lakhs on AE	Contractor and AE blacklisted for 3 months
	2024	2	Total Rs. 90 lakhs on Contractors	Rectification done at Contractors own cost

State / UT	Projects involving caving in, major failures or major structural damage on NHs including on bridges and flyovers			
	Year	No. of projects	Penalty Imposed	Other penal action
Jammu & Kashmir	2022	1	1% of project cost on EPC Contractor	Contractor blacklisted
Gujarat	2025	1	Rs. 2.80 cr. on Contractor	
Karnataka	2024	1		Contractor debarred for 1 month
	2025	1		Rectification done at Contractors own cost
Kerala	2020	1	Rs. 1.00 Cr on Contractor, Rs. 20 lakhs on AE	Project Manager of Contractor and Team Leader and Bridge Engineer terminated from project
	2024	1		Rectification done at Contractors own cost
	2025	7	Total Rs. 31.245 Cr on Contractors and Rs. 5 lakhs on IE	Key personnel of Contractor and AE/IE suspended in 1 project Contractor and AE/IE debarred in 2 projects
Madhya Pradesh	2025	2	Rs. 119 Cr on Contractor	
Maharashtra	2020	1	Rs. 41.32 Cr on Contractor in 1 project	
	2021	1		Debarment of Contractor for 9 months
	2024	4	Rs. 3.94 Cr in total on Contractors Penalty of Rs. 20 lakhs on AE	Key Personnel of Contractor and AE suspended in 2 nos. projects
	2026	2	Rs. 75 lakhs on Contractor and Rs. 12.50 lakhs on AE	
Telangana	2022	1	Rs. 134.78 Cr on Contractor	
Tamil Nadu	2021	1	Rs. 3.0 Cr on Contractor	
	2023	1		Rectification done at Contractors own cost
	2025	1	Rs. 7.21 cr on contractors & Rs. 5 lakhs on IE	
Uttar Pradesh	2026	5		Termination of Contractor in 1 project; Project Manager of Contractor and Team Leader of AE for 1 no. of project;

State / UT	Projects involving caving in, major failures or major structural damage on NHs including on bridges and flyovers			
	Year	No. of projects	Penalty Imposed	Other penal action
				TL and RE of IE and Project Manager (Maintenance) of Contractor debarred for 2 years for 1 no. of project.
Uttarakhand	2023	1		Rectification done at Contractors own cost
West Bengal	2024	2	Rs. 4.19 Cr on Contractors & Rs. 5 lakhs on AE/IE	
	2026	1		Toll has been suspended, Key Personnel of IE and Concessionaire suspended
Odisha	2022	1		Keep personnel of AE/IE and Contractor suspended
	2023	1	Rs. 5.30 Cr on Contractor and Rs. 25 lakhs on IE	Debarment of DPR consultant for 1 year
Assam	2024	1		Contractor debarred for 4 months
Meghalaya	2025	1	Rs. 20 lakhs on Contractor	
Delhi	2023	1		Rectification done at Contractors own cost

Annexure-II

ANNEXURE REFERRED TO IN REPLY TO PART (d) OF LOK SABHA STARRED QUESTION NO. 280 ANSWERED ON 06TH AUGUST, 2026 ASKED BY SHRI CAPTAIN VIRIATO FERNANDES REGARDING DAMAGE TO ROADS AND FLYOVERS

**State / Union Territory (UT) – wise details of major incidents of flooding
of low-lying areas/ agricultural fields in NHs stretches due to faulty
construction reported since 2014:**

S. No.	State	Stretch / NH No.	Year	Incident / Finding	Repair / Action Taken
1	Telangana	Kandi–Ramsanpalle / NH-161	2025	Water stagnation over 150 m at Ch. 0+295, Trumpet Interchange.	Box culvert constructed at the location.
2	Maharashtra	Kagal–Satara, Package-I & II / NH-48	2019, 2021	Submergence at several locations due to flooding.	Raising of FRL considered in ongoing six-laning project; Elevated flyover under construction on Panchganga River.
4	Maharashtra	Paijarwadi–Yavaluj–Chokak (Kolhapur Bypass) / NH-166	2021, 2023, 2024, 2025	Submergence during heavy rainfall	Kolhapur Bypass under construction; Elevated corridor proposed at the location, DPR of which is initiated.

Annexure-III

ANNEXURE REFERRED TO IN REPLY TO PART (e) OF LOK SABHA STARRED QUESTION NO. 280 ANSWERED ON 06TH AUGUST, 2026 ASKED BY SHRI CAPTAIN VIRIATO FERNANDES REGARDING DAMAGE TO ROADS AND FLYOVERS

State / Union Territory (UT) – wise details of major incidents of landslides in NHs stretches reported since 2014:

State	S. No.	Stretch / Project	Year(s)	Details of Incident	Corrective Action
Arunachal Pradesh	1	Lalpul-Manmao-Changlang – NH-215	2025, 2026	Landslides occurred at Ch. 67+200, 19+200 and 7+800, with affected lengths up to 100 m.	Debris cleared and road opened to traffic.
	2	Khonsa-Tissa-Longding Section (LTK Road) – NH-215	2024	Landslide-prone locations at Ch. 21.440, 24.690 and 28.295 (Luthong Point), including pavement sinking.	Slope protection and landslide mitigation work taken up.
	3	Hukanjuri-Khonsa Road (HK Road) – NH-315A	2025	Flash flood washed out road formation from Ch. 10.088 to 10.170 and major landslide occurred at Ch. 12.900 to 12.990.	Slope protection and landslide mitigation taken up.
	4	Changlang-Khonsa Road (CK Road) – NH-215	2025, 2026	Major landslide-cum-sinking area at Ch. 41.495–41.540 and landslide at Ch. 7.000.	DPR prepared for permanent slope protection/mitigation; temporary restoration and clearance undertaken.
	5	Pasighat-Pangin Road Section – NH-13	2024, 2025, 2026	Landslide-prone locations reported at several points along the Pasighat-Pangin Road; formation breaches also occurred at Km 6.100, 7.200, 20.200, 43.200 and 47.100, with approach breach at Km 57.300.	Slope protection/mitigation completed.
	6	Pasighat-Singer Section – NH-513	2023, 2025, 2026	Landslide-prone locations reported at several points between Km 3.900 and 18.000.	Temporary restoration completed, slope protection and landslide mitigation taken up.
	7	Singer-Sijhon Section – NH-513	2025, 2026	Landslide locations reported at Km 22.500,	Temporary restoration completed, slope protection

State	S. No.	Stretch / Project	Year(s)	Details of Incident	Corrective Action
				25.200, 25.780, 27.980, 33.780, 33.880, 34.500 and 37.485.	and landslide mitigation taken up.
	8	Sijhon-Gobuk Section – NH-513	2023, 2025	Landslide-prone locations reported at several points between Km 44.005 and 79.900; formation breach at Km 51.000.	Slope protection and landslide mitigation taken up.
	9	Gobuk-Yingkiong Section – NH-513	2023, 2025, 2026	Landslide locations reported at Km 87.824, 88.470, 90.774, 96.000, 101.814 and 112.500.	Slope protection and landslide mitigation taken up; debris cleared.
	10	NH-113 – Arrowa-Khupa-Hayuliang	2024, 2025, 2026	Landslides occurred at Ch. 77+500, 84+400, 82+600 and 87+650.	Repair work carried out at Ch. 77+500; road opened to traffic.
	11	NH-13 – Demwe-Brahmakund (OTI)	2026	Landslides occurred at Ch. 740+840 and 742+050.	Landslide cleared. Repair work underway after road washout.
	12	Nrimbanglo–Jatinga Junction–Harangajao, NH-27	2026	Multiple landslides at Ch. 24+300, 43+100 and 44+600 causing slope failures, debris deposition and traffic disruption.	Debris cleared; slope benching, pile and gabion retaining wall works undertaken.
	13	Hathikali–Nrimbanglo, NH-27	2024	Rainfall-induced mud/debris flow and hill slips at Ch. 97+280 and 122+500.	Debris removed; drains and pavement restored.
	14	Balachera–Silchar, NH-27	2025	Heavy landslide debris between Ch. 292+350–292+900 damaged drains and pavement.	Debris removed; drains and pavement restored.
	15	Tarajuli–Doloihat Tiniali–Lakhimpur–Charaimoria–Balijan–Gogamukh, NH-15	2025, 2026	Landslide, muck and mud flow at Km 308.800–310.000 causing partial traffic blockage.	Landslide removed.
	16	Km 315.315–344.000, NH-715 (Old NH-37)	2025, 2026	Landslide, muck and mud flow at Km 336.620–338.450 causing partial traffic blockage.	Landslide removed.
	17	NH-27 – Balachera to Harangajao	2025, 2026	Landslides occurred at multiple locations due to heavy rainfall, affecting LHS in 2025 and RHS in 2026.	Clearance of slush, earth and debris undertaken.
Goa	18	Patradevi–Karaswada, NH-66	2024	Landslide at Km 486+825–487+095 near Malpe, covering carriageway and	Stepped benching, hydroseeding, wire mesh with geosynthetic mat and U-pin anchors; drainage

State	S. No.	Stretch / Project	Year(s)	Details of Incident	Corrective Action
				damaging retaining wall.	provided.
	19	Zuari Bridge Approaches, NH-66	2024	Landslide at Km 532+300–532+600 near Zuari Bridge, covering service road with debris.	Gabion wall, geogrid, structural backfill, berm drains and perforated drainage provided.
	20	Km 84–143 of NH-748	2025	Landslide at Km 87 near Anmod Ghat; half lane dislodged and slipped into valley.	Retaining wall using micropiles and grouted soil nailing.
Himachal Pradesh	21	Parwanoo–Solan, NH-22	2023	Heavy rainfall damaged the highway at 29 locations.	Restoration works completed.
	22	Shimla–Daseran, NH-205	2025	Heavy rainfall damaged 8 retaining walls and 1 breast wall.	Restoration completed.
	23	Kiratpur–Nerchowk, NH-21 (Packages I & II)	2025	Natural calamity – landslides occurred along the Kiratpur–Nerchowk stretch.	Debris removed and traffic restored.
	24	NerChowk–Pandoh including Pandoh Bypass, NH-21	2023, 2025	Natural calamity – landslide.	Debris removed and traffic restored.
	25	Pandoh Bypass–Takoli, NH-21	2025	Natural calamity – landslide/flash flood/cloudburst.	Debris removed and traffic restored.
	26	Takoli–Kullu, NH-21	2023, 2025	Natural calamity – landslide/flash flood/cloudburst.	Debris removed and traffic restored.
	27	Kullu–Manali, NH-21 (New NH-3)	2023, 2024, 2025	Natural calamity – landslide/flash flood/cloudburst during the respective years.	Debris removed and traffic restored.
	28	Bhangbar–Kangra Bypass	2025	Heavy rainfall caused boulders to slip and damage slope stabilization works.	Debris removed and traffic restored; slope stabilization works taken up.
	29	Punjab/HP Border–Mo, NH-20 (New NH-154)	2021, 2025	2021: Heavy rain caused a large boulder to slide onto the road at Niazpur. 2025: Heavy rainfall washed out road shoulders at Ch. 23+500 LHS and 32+050 RHS.	Debris removed and traffic restored.
	30	Thanpuri–Paror, NH-20 (New NH-154)	2023	Landslide occurred at old Ch. 85+300 during monsoon.	Restoration completed by providing gabion wall.

State	S. No.	Stretch / Project	Year(s)	Details of Incident	Corrective Action
	31	Km 284.00 to 286.00 of NH-05	2023	Washing out of road due to cloudburst.	Restoration works completed and traffic restored.
Jammu & Kashmir	32	Udhampur–Ramban, NH-44	2025, 2026	2025: Cloudbursts/heavy rainfall caused landslides at Bali Nallah and Tharad, and muck/slush accumulation at Karol and Kowbagh. 2026: Massive landslide at Dewal near Samroli, Km 79, blocked both carriageways and damaged retaining wall.	Restoration/clearance completed.
	33	Ramban–Banihal, NH-44	2025, 2026	2025: Cloudburst caused heavy slush/debris at Seri, muck in Tunnel T-2 and a slide at Kela Mor. 2026: Landslide blocked both carriageways.	Restoration/clearance completed.
	34	Marog–Digdol, Ramban–Banihal, NH-44	2025	Landslide at Marog due to cloudburst.	Restoration/clearance completed.
	35	NH-244 – Chenani-Sudhmahadev Road	2025	Landslides occurred at multiple locations between Km 1+650 and Km 14+200 due to rainfall, flash floods and cloudbursts.	Landslides cleared and traffic restored.
	36	NH-1 – Sonamarg Tunnel Project	2023	One landslide incident was reported.	Audit conducted and slope protection measures installed.
Karnataka	37	Hassan–Maranahally, NH-48	2024	Landslide at Km 227+900 during monsoon, with minor slope failures at other locations.	Debris cleared; slope protection works taken up.
	38	Goa-Karnataka Border–Kundapur, NH-66	2024	Landslide due to heavy mass collapse at Shirur, Km 147+900 LHS.	Gabion wall construction taken up.
Kerala	39	Existing NH-85	2025	Landslide at Km 96+500 LHS due to heavy rainfall;	Rectification completed.
Maharashtra	40	Vadape–Gonde	2023	120 m valley-side embankment subsidence.	Piling, rock anchoring and gabion wall constructed.
	41	Mirya–Hathkhamba & Pali–Ambaghat, NH-166	2021, 2025, 2026	2021: Landslide between Ch. 60.000–72.000 at Amba Ghat. 2025: Minor landslide at Ch. 61+650–61+700. 2026: Minor landslides at Ch. 63+700	Debris cleared; retaining walls and breast wall construction taken up.

State	S. No.	Stretch / Project	Year(s)	Details of Incident	Corrective Action
				and 64+100.	
	42	Ratnagiri-Kolhapur, NH-166	2026	Heavy rainfall caused distress and cracking in the vulnerable valley section between Km 69.500-69.700.	Area barricaded; traffic diverted; heavy vehicles proposed for diversion to alternate routes.
	43	Varunapuri-Sada Junction & MPT Connectivity, NH-566	2024	Landslide due to rainfall and unstable slope.	100 m gabion wall constructed and slope protection works completed.
	44	Autram Ghat, NH-52	2021	Landslide from upper hilly area due to heavy rain.	Cross drainage works and retaining wall constructed.
	45	Ahmednagar Bypass-Kharvandi Kasar, NH-61	2025	Landslide in ghat section causing failure of one lane.	Retaining wall construction taken up.
	46	Lonand-Shirval-Bhor-Mandangad-Pachral, Hirdoshi-Varandha Ghat, NH-965DD	2021, 2023, 2024, 2025, 2026	Landslides at various locations in Varandha Ghat due to heavy rainfall; debris deposition.	Debris cleared; slope mitigation/ construction of retaining structures taken up.
	47	Indapur-Wadpale, NH-66	2016, 2017, 2018, 2019, 2021, 2023, 2024, 2025, 2026	Recurrent landslides in Kashedi Ghat due to heavy rainfall.	Debris cleared; Immediate traffic management and slope protection measures undertaken.
	48	Kashedi Ghat, NH-66	2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025	Recurrent landslides in old and new alignment due to heavy rainfall.	Debris cleared; Immediate traffic management and slope protection measures undertaken.

State	S. No.	Stretch / Project	Year(s)	Details of Incident	Corrective Action
	49	Kashedi–Parshuram Ghat, NH-66	2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026	Recurrent landslides in Parshuram Ghat due to heavy rainfall.	Debris cleared; HT wire mesh and rock nailing undertaken. Retaining/slope protection works proposed.
	50	Rajewadi–Mandangad, NH-965DD	2021, 2026	Landslide and damage to roadside railing.	Debris cleared; railing temporarily restored; retaining wall and cladding proposed.
	51	Varandh–Varandha Ghat, NH-965DD	2023, 2024, 2025, 2026	Recurrent landslides due to heavy rainfall; debris deposition.	Debris cleared; retaining structures and slope protection proposed.
	52	Kalyan–Murbad–Malshej Ghat, NH-61	2014, 2015, 2016, 2017, 2019, 2020, 2021, 2022, 2023, 2024, 2025	Recurrent landslides at various locations in Malshej Ghat.	Landslide debris removed
	53	Mokhada–Jawhar–Vikramgad–Manor–Palghar, NH-160A	2022, 2023, 2025	Landslides at various locations.	Debris removed.
	54	Arawali–Kante, NH-66	2023, 2024, 2025, 2026	Landslide and rockfall.	Debris removed; DPR for landslide protection taken up.
	55	Talere–Gaganbawda Ghat, NH-166G	2024, 2025, 2026	Landslide and rockfall.	Debris removed; DPR for landslide protection taken up.
Meghalaya	56	NH-51 – Tura-Dalu Section	2025	Landslide occurred	Protection work taken up.
	57	NH-206 – Shillong-Dawki Section, Package-II	2026	Landslides occurred between Ch. 10.670 and 37.550 due to incessant rainfall, resulting in	IIT Guwahati appointed for vulnerability assessment, detailed investigation and long-term remedial

State	S. No.	Stretch / Project	Year(s)	Details of Incident	Corrective Action
				downward flash-flood type conditions.	measures.
	58	Jowai–Meghalaya/Assam Border, NH-44	2022, 2025	2022: Heavy rainfall caused severe deterioration of the Jowai–Ratacherra stretch. 2025: Recurrent major and minor landslides affected the roadway during monsoon.	Landslide mitigation and slope protection works taken up.
Mizoram	59	NH-102B – Keifang-Tuivai (Packages I & II)	2026	Landslides at multiple locations including Ch. 03+230–03+270, 17+100–17+150, 24+450–24+500, 38+650–38+700 and 57+420–57+480.	Landslide clearance taken up.
	60	NH-302 – Lunglei-Tlabung (Packages A & B)	2026	Landslides/slope failures at Ch. 2+600–2+730, Ch. 3+700 and Ch. 70+600–70+700.	Landslide clearance taken up.
	61	NH-02 – Aizawl-Tuipang (Packages 2, 5, 6 & 7)	2026	Landslides at multiple locations including Ch. 107+480, 227+600–227+710, 230+700–230+780, 262+920, 280+900, 328+540–328+590 and 328+960–329+080.	Landslide clearance taken up.
	62	NH-54/6	2025	Road fully blocked due to landslide.	Landslide fully cleared.
	63	NH-44A / NH-108	2026	Road fully blocked due to landslide.	Landslide fully cleared.
	64	Km 0–38, NH-502A	2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024	Recurrent landslides blocking road.	Landslides cleared.
	65	Km 38–71, NH-502A	2016, 2017, 2018, 2019, 2020, 2021,	Recurrent landslides blocking road.	Landslides cleared.

State	S. No.	Stretch / Project	Year(s)	Details of Incident	Corrective Action
			2022, 2023, 2024		
	66	Km 71–99.83, NH-502A	2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024	Recurrent landslides blocking road.	Landslides cleared.
	67	Km 89–105, NH-06	2025	Landslides blocking road at Ch. 95.720 and 97.300.	Landslides cleared.
Manipur	68	NH-129A – Maram-Peren Section (Packages 1A, 1B, 2A, 2B & 3)	2024, 2025	Multiple landslides occurred between Ch. 0.000 km and 109.494 km due to incessant rainfall and weak geological strata.	Clearance of landslides completed.
	69	NH-129A – Maram-Peren Section (Package-2B)	2026	Landslide occurred from Ch. 67+080 to 67+400 (320 m) due to continuous rainfall and recurring slides.	Clearance completed and repair works taken up.
	70	NH-02 – Mao-Senapati Section	2024	Multiple landslides occurred between Ch. 212.325 km and 260.000 km due to incessant rainfall and weak geological strata.	Clearance of landslides completed.
	71	NH-02 – Imphal-Kohima Road, Taphukuki-Daili, Daili-Kuraopokpi & Kuraopokpi-Sekmai Sections (Packages 4A, 4B & 5A)	2024	Multiple landslides occurred between Ch. 262+175 and 297+700 due to incessant rainfall and weak geological strata.	Clearance of landslides completed.
	72	NH-102A – Ukhrul-Tolloi-Tadubi Section (Packages III & IV)	2024, 2025	Multiple landslides occurred between Ch. 50.850 km and 105.825 km due to incessant rainfall and weak geological strata.	Clearance of landslides completed.

State	S. No.	Stretch / Project	Year(s)	Details of Incident	Corrective Action
	73	NH-137 – Tamenglong-Mahur (Packages 3 & 5)	2025, 2026	Multiple landslides occurred due to unprecedented rainfall.	Clearance completed and repair works taken up.
	74	NH-37 – Imphal-Jiribam (Package-4)	2024	Multiple landslides occurred due to unprecedented rainfall; locations affected under COS.	Clearance completed and repair works taken up.
Nagaland	75	NH-29 – 4-lane Dimapur-Kohima Road	2024	landslide occurred from Km 164+000 to Km 164+060 due to seepage and dislodging of saturated hill mass.	Damaged stretches restored.
	76	NH-702 – 2-Lane Changtongya-Longleng Road	2024	Landslides with mudslides occurred in Packages-I and II.	Damaged stretches restored.
	77	Jotsoma Bypass Junction–Lerie Welcome Gate, NH-29	2026	Recurrent landslides.	Landslide cleared.
	78	Km 185–220, NH-02	2026	Major landslide caused carriageway heaving/buckling, debris obstruction and pavement failure.	Restoration taken up.
Odisha	79	Singara–Binjabahal, NH-49	2025	Landslides at multiple locations between Ch. 382+000–384+750 due to continuous rainfall.	Debris cleared and slope protection measures taken up.
Rajasthan	80	Beawar–Gomti, Package-III, NH-58	2022, 2023, 2024, 2025, 2026	Recurring monsoon landslides in high rock-cut sections (25–35 m high).	Debris cleared.
	81	Kundal–Jhadol, Package-I, NH-58E	2021	Recurring landslides between Km 12+850–14+100.	Restoration of affected section (Km 12.800–14.220) taken up.
Sikkim	82	NH-717A – Rhenock-Rorathang-Pakyong	2022, 2023, 2024, 2025, 2026	Multiple landslides reported annually. 05 locations during 2022 to 2024, 07 during 2025 and 09 during 2026.	Clearance of landslides undertaken. DPR work for mitigation measures for landslide/sinking zones taken up.
	83	NH-717A – Ranipool-Pakyong	2026	02 landslides occurred at Km 1+520 and Km 15+010.	Landslides cleared and road opened to traffic.

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	84	NH-717B – Rongli Bazar to Rongli Bypass	2023, 2024, 2025, 2026	Landslides reported under Packages-IIA and IIB at various locations. 01 in 2023, 01 in 2024, 01 in 2025 and 04 in 2026.	Landslides cleared and road opened to traffic.
	85	NH-717B – New Rolep to Barapathing	2023, 2024, 2025, 2026	01 landslide in 2023 and 2024; 02 each in 2025 and 2026.	Landslides cleared and road opened to traffic.
	86	NH-510 – Singtam-Tarku	2024, 2025, 2026	05 landslides reported annually at Km 3+800, 4+200, 7+810, 7+925 and 15+820.	Clearance of landslides undertaken. DPR work for mitigation measures taken up.
	87	NH-510 – Ravangla to Legship	2024, 2025	01 landslide reported at Km 60+400 in each year.	Landslides cleared and road opened to traffic.
	88	NH-510 – Legship to Gyalshing	2024, 2025	03 landslides reported at Km 55+400, 58+200 and 88+200 in each year.	Landslides cleared and road opened to traffic.
	89	NH-10 – STMC Rangpo-Ranipool	2023, 2024, 2025	01 landslide in 2023, 03 in 2024 and 02 landslide/sinking locations in 2025.	Clearance undertaken; mitigation works taken up at identified locations.
	90	Old NH-510 – One Time Maintenance of Existing 510	2026	02 landslides occurred at Km 5+540 and Km 6+647.	Landslides cleared and road opened to traffic.
	91	Melli–Manpur–Namchi Road, NH-710	2019, 2020, 2021, 2022, 2023, 2024, 2025	Recurrent landslides at several locations during monsoon.	Restoration completed and road opened to traffic.
	92	Tarku–Damthang–Namchi Road, NH-710	2019, 2020, 2021, 2022, 2023, 2024, 2025	Recurrent landslides at several locations during monsoon.	Restoration completed and road opened to traffic.
Tamil Nadu	93	Dindigul–Theni–Kumili, NH-183	2018	Landslides at three ghat locations caused deep valley-side slope failures and traffic closure.	Gabion wall construction completed.
	94	Burliyar, NH-181	2021	Landslide at Km 60/6 causing 30 m road slip over 4 m width.	Retaining wall constructed and damaged road restored.

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Tripura	95	Churaibari–Agartala section, Km 397.00–422.00 (Design Km 388.650–410.439), NH-08	2024	Subsidence of formation and landslide.	Restoration completed and road opened to traffic.
Uttarakhand	96	NH-07 – Lameri-Karanprayag Section (Package-1)	2023	At Kameda, about 100 m of road from Km 384+650 to 384+750 was washed out during cloudburst. At Chitwapipal, massive debris flow damaged road from Km 393+600 to 393+650.	Restoration works completed.
	97	NH-07 – Karanprayag-Chamoli Section (Package-2)	2024, 2025	2024: Cloudburst/excessive rainfall/landslides at Nandprayag, with debris accumulation at Km 418+900 to 419+150. 2025: Heavy landslide at Umatta (Badrish).	Temporary restoration completed. DPR for permanent restoration taken up.
	98	NH-07 – Chamoli-Paini Section (Package-3)	2023	Landslides at Banerpani-1, Pagalnallah and Tangani-1 & 2; road washed out at Gadora due to flooding and debris flow.	Hill-side treatment at Banerpani completed; valley-side restoration taken up. Temporary restoration at Pagalnallah taken up. Tangani and Gadora restoration completed.
	99	NH-07 – Patalganga Landslide / Slope Protection & Tunnel Work	2024	Tunnel breached at Patalganga landslide location.	Restoration work completed.
	100	NH-58 – Nandprayag, Maithana, Birahi & Gulabkoti Landslide Treatment	2023, 2025	Recurring sinking reported at identified locations.	Temporary restoration completed. DPR for permanent restoration taken up.
	101	NH-07 – Mitigation Measures for 5 Landslides & 5 Sinking Zones (SPW-II)	2025	Heavy landslide and road washout at Banerpani-2.	Restoration work taken up.
	102	Gangotri–Uttarkashi, NH-34	2020, 2021, 2022, 2023, 2024, 2025, 2026	Landslide near Netala (Km 87) with major hill-side slope failure.	Debris cleared and permanent slope protection work taken up.

State	S. No.	Stretch / Project	Year(s)	Details of Incident	Corrective Action
	103	Uttarkashi–Rishikesh, NH-34	2015, 2016, 2017, 2018, 2021, 2022, 2023, 2024, 2025	Landslides at Barethi, Nalupani, Bandarkot, Raturisera, Jaskot, Dhuandhar, Bagaddhar, Narendranagar and Jajal, causing slope failures, debris flow and traffic disruption.	Debris cleared; tunnel and slope protection works taken up.
	104	Rishikesh–Mana, NH-7	2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026	Heavy landslides/debris at Sirobagad, Totaghati, Farasu, Teendhara, Singtoli, Lambagarh, Devprayag, Saknidhar and Hatipahad; river-induced valley-side slope instability at Hatipahad.	Debris cleared; tunnel and slope protection works taken up.
	105	Tanakpur–Pithoragarh, NH-9	2021, 2022	Heavy landslides near Swala (Km 106) and Ghat Bend.	Landslide mitigation and slope protection works taken up.
	106	Jyolikot–Karnaprayag, NH-109	2021, 2022, 2023	Heavy landslide near Qwarab (Km 55) on hill and valley sides.	Debris cleared; landslide mitigation and slope protection works taken up.
	107	Herbertpur–Barkot, NH-507	2021, 2022, 2023, 2024, 2025	Heavy landslide near Bosan (Km 25) on hill and valley sides.	Debris cleared; landslide mitigation and slope protection works taken up.
	108	Tyuni–Maletha, NH-707A	2023, 2024, 2025	Heavy landslide and sinking near Jeevan Ashram (Km 138) and Mussoorie Bend (Km 136).	Debris cleared; landslide mitigation and slope protection works taken up.
	109	Kotdwar–Pauri, NH-534	2022, 2023, 2024, 2025	Heavy landslide near 5th Mile.	Debris cleared; slope protection work taken up.
	110	Dharasu Bend–Yamunotri, NH-134	2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025	Heavy landslides and boulders near Dabarkot (Km 79) and Dharasu Bend (Km 0).	Debris cleared; slope protection work taken up.

State	S. No.	Stretch / Project	Year(s)	Details of Incident	Corrective Action
	111	Rudraprayag–Gaurikund, NH-107	2020, 2021, 2022, 2023, 2024, 2025	Road washout near Kund and landslides near Medanpur, Kund Barrage, Munkutiya and Guptkashi.	Road and embankment restored; slope protection works taken up.
	112	Pithoragarh–Lipulekh, NH-9	2023, 2024, 2025, 2026	Heavy landslides near Elagad (Km 102), Tintola (Km 113) and Jumma (Km 101).	Debris cleared; slope protection taken up.
West Bengal	113	NH-717A – Package-IVA	2025	Landslide and road shrinkage affecting 0.210 km.	Restoration work taken up.
	114	NH-10 – STMC (Coronation Bridge-Rangpo) / Army Cantonment-Coronation & PBMC (Coronation-Rangpo)	2025, 2026	2025: 11 landslides at multiple locations between Km 0.900 and 45.500, affecting 1.640 km. 2026: 18 landslides at multiple locations between Km 3.7 and 51.80, affecting 3.530 km.	Restoration completed.
	115	NH-110 – PBMC/STMC, Darjeeling More-Kurseong-Kurseong-Darjeeling	2025, 2026	2025: 3 landslides at Km 46.00, 53.00 and 54.00, affecting 0.100 km. 2026: 4 landslides at Km 24.850, 25.500, 38.000 and 39.900, affecting 0.190 km.	Restoration completed.
