

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

**LOK SABHA
UNSTARRED QUESTION NO. 1033
ANSWERED ON 05th FEBRUARY, 2026**

MAINTENANCE OF NATIONAL HIGHWAYS

**1033. SHRI MAGUNTA SREENIVASULU REDDY:
SHRI PRABHAKAR REDDY VEMIREDDY:**

**Will the Minister of ROAD TRANSPORT AND HIGHWAYS
सड़क परिवहन और राजमार्ग मंत्री**

be pleased to state:

- (a) the details of National Highway stretches in Andhra Pradesh presently under maintenance, including length, location and executing agency;**
- (b) the details of accidents reported on National Highway stretches in Andhra Pradesh under maintenance during the last five years, including the number of incidents, fatalities and injuries;**
- (c) the measures taken by the Government to reduce maintenance timelines, minimise traffic disruption and enhance safety during maintenance of National Highways;**
- (d) whether action has been initiated against contractors for deliberate or avoidable delays in maintenance works;**
- (e) if so, the details of penalties imposed, contracts terminated or other remedial steps taken; and**
- (f) whether the Government has considered or adopted the use of advanced technologies such as satellite mapping, artificial intelligence, and real-time monitoring systems to expedite maintenance and improve safety of national highways, if so, the details thereof?**

ANSWER

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

- (a) The details of National Highway stretches in Andhra Pradesh presently under maintenance, including length, location and executing agency are at Annexure-A.**
- (b) The details of accidents occurred on National Highway stretches in Andhra Pradesh under maintenance during the last five years are as follows:**

1. No. of Accidents/ Injuries = 31,652

2. No. of Fatalities = 4,383

(c) The Government in the Ministry of Road Transport & Highways undertakes maintenance of National Highways on a continuous basis to ensure traffic-worthy conditions with minimum disruption to road users. Maintenance is carried out through Performance-Based Maintenance Contracts (PBMC) and Short-Term Maintenance Contracts (STMC) with defined response timelines. For NH stretches under maintenance, responsibility rests with the Contractor during the defect liability period. Regular condition assessments, advance planning, and use of appropriate modern technologies are adopted to reduce maintenance timelines. Traffic management measures, including phased execution and off-peak works, are implemented to minimise inconvenience and enhance operational efficiency.

(d) & (e) There is no report of deliberate or avoidable delays in maintenance works by the contractors during last three years.

(f) Government has considered advanced technologies/equipment during maintenance of National Highways, for improving the safety. Some of the measures are as under:

(i) Advanced Traffic Management System (ATMS): ATMS is a technology-driven, intelligent transportation framework that uses real-time data from cameras, sensors, and AI to optimize traffic flow and enhance safety on roads and highways. It integrates components like adaptive signals, incident detection, and Variable Message Signs (VMS) to reduce congestion, emissions, and improve emergency response on National Highways.

(ii) Network Survey Vehicle (NSV): NSV is a specialized vehicle equipped with advanced sensors including LiDAR, 3D laser scanners, high-resolution 360-degree cameras, and DGPS, used to automatically map road conditions and inventory at highway speeds, assess pavement distress, roughness, road safety, and assets, with data crucial for maintenance management.

(iii) Drone Analytics Monitoring System (DAMS): DAMS is an AI-powered, end-to-end platform used to transform raw aerial drone footage into actionable, geotagged 2D/3D insights. It automates monitoring for infrastructure projects, detecting defects like potholes, cracks, and encroachments, while generating analytical dashboards for project management.

ANNEXURE-A REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 1033 ANSWERED ON 05-02-2026 ASKED BY SHRI MAGUNTA SREENIVASULU REDDY, SHRI PRABHAKAR REDDY VEMIREDDY REGARDING MAINTENANCE OF NATIONAL HIGHWAYS.

A. Details of National Highway Stretches under Maintenance by executing agency State PWD					
S. No .	NH No.	Stretch under Maintenance		Length (Km)	Location
		From (Km)	To (Km)		
1	NH-342	0	32	32	Mudigubba- Puttaparthi
2	NH-42	4.35	76	71.65	KA/AP Border- Ananthapuramu
3	NH-42	0	9.2	9.2	Urban link road of Ananthapuramu Town
4	NH-42	76	137.049	61.05	Rapthadu- Bathalapalli - Mudigubba
5	NH-42	134	159	25	Mudigubba - Kadiri
6	NH-544D	0	5.4	5.4	Ananthapuramu Town limits
7	NH-544DD	0	102.22	102.22	Ananthapuramu - Kalyanadurg - Molakalmur
8	NH-544E	0	99.179	99.179	Kodikonda Checkpost - Hindupur - Madakasira - Sira
9	NH-67	368.92	467	98.09	KA/AP Border - Gooty - Tadipatri
10	NH - 340	0	60.025	60.03	Rayachoti - Angallu

11	NH-42	168.45	299.78	131.21	Kadiri- Mulakalacheruvu- Madanapalle- Punganuru- Palamaneru Section
12	NH-42	300	382.08	82.08	Palamaneru- Krishangiri road
13	NH-75	506.1	508.7	2.6	Mangalore- Thiruvannamalai Road
14	NH-75	518.7	534.35	15.65	
15	NH-40	250	299.85	49.85	Kurnool-Chittoor- Ranipeta road
16	NH-40	300.2	337.7	37.5	Kurnool-Chittoor- Ranipeta road
17	NH-40	350.2	351.542	1.34	Kurnool-Chittoor- Ranipeta road
18	NH-40	354.662	356.062	1.4	Kurnool-Chittoor- Ranipeta road
19	NH-40	337.7	354.831	17.13	Kurnool-Chittoor- Ranipeta road
20	NH- 716A	0	40.2	21.2 (Selected stretches)	Putturu-Uttukottai road
21	NH- 516B	19.2	59.4	40.2	Pendurthi - Bowdara
22	NH- 326A	0	41.979	41.98	Pathapatnam - Narasannapeta
23	NH-26	473.284	486	12.71	Saluru ghat - jeegram
24	NH-26	537.6	552	17.2	Vizianagaram Bypass
25	NH-26	486.831	491.42	5.92	Salur Bypass
26	NH-26	491	525.2	32.2	W&S from 491/000 to 525/200
27	NH-26	525.2	537.6	12.4	Overlay from 525/200 to 537/600
28	NH-26	514.775	516.775	2	ROB-Manapuram

29	NH-216E	0	31.7	31.7	Amalapuram - Ravulapalem Road
30	NH-516E	0	43.7	43.7	Rajamahendravaram - Vizianagaram road
31	NH-40	189.1	248	58.9	Kurnool-Ranipet Road
32	NH-67	476.7	588	111.3	Hubli - Krishnapatnam road
33	NH-716	123.6	153.6	30	Renigunta - Kadapa - Muddanur
34	NH-716	168.1	171	2.9	Renigunta - Kadapa - Muddanur
35	NH-440	56.6	143.5	86.9	Rayachoty - Chagalamarri Road
36	NH-365BB	22.6	46	23.4	Jeelugumilli Kovvur road
37	NH-365BB	60.7	86.7	26	Jeelugumilli Kovvur road
38	NH-516D	0	56.23	56.23	Devarapalli- Jeelugumilli Road
39	NH-165	61.54	107.76	46.22	Pamarru Digamaru Road
40	NH-544D	322.84	417	94.16	Ananthapur-Guntur Road
41	NH-167A	0	81.69	81.69	Vodarevu- Chilakaluripet - Nekerekal Road
42	NH-167A G	0	49.917	49.92	Kondamodu- Perecherla Road
43	NH-565	86.562	133.922	47.36	Nagarjunasagar - Davulapilly Raod
44	NH-167AD	0	43.659	43.66	Macherla-Dachepalli Road
45	NH-216H	0	119.95	119.95	Pedana - Nuzveedu - Vissannapeta - Lakshmipuram Road

46	NH-167B G	0	36.4	36.4	Seethramapuram - Duttaluru
47	NH-167B	58.635	189.05	130.72	Mydukur - Singarayakonda
48	NH-565	360.156	402.468	42.31	Dornala T Junction - Penchalakona
49	NH-67 link	1.05	3.47	2.42	Link road between NH67 to NH16
50	NH-544D	74.427	213	138.57	Ananthapur - Guntur road
51	NH-765	191	244	53	Hyderabad- Srisailam-Tokapalli road
52	NH-340C	73	131.4	58.4	Kurnool- Guntur road
53	NH-167K	137.03	154.2	17.17	Nallakaluvu- Velugodu
54	NH-167	70	125.15	55.15	Adoni- Yemmiganur - Maadavaram section
55	NH-167	62.7	71.4	7.303	Adoni Bypass
Total Length (Km)			2562.62		

B. Details of National Highway Stretches under Maintenance by executing agency PIU, MoRTH					
S.No	NH No.	Stretch under Maintenance		Length (Km)	Location
		From (Km)	To (Km)		
1	NH-216	46.725	107.725	61	Gurajanapalli- Polekuru- Komaragiri- Pasarlapudi
2	NH-216	128.503	254.556	126.053	Dhindi- Losari- Machavaram- Avanigadda

3	NH-216	260.581	380.585	120.004	Repalle-Eepurupalem-Ongole
4	NH-516E	2.4	27.48	24.9	Paderu-Gondiguda
5	NH-516E	0	26.937	25.777	Bowdara-Vizianagaram
Total Length (Km)			357.734		

C. Details of National Highway Stretches under Maintenance by executing agency NHAI

S. No.	NH No.	Length (Km)	Location
1	NH- 16	13.41	Vijayawada Bypass from Gollapudi to Chinnakakani in Vijayawada - Gundugolanu Section
2	NH- 16	16.384	Chilkararupet bypass section
3	NH-544D	112.797	Giddalur – Vinukonda section
4	NH-16	68.204	Chilakaluripet - Vijayawada section
5	NH-44	83	Hyderabad – Bangalore section
6	NE-7	29	Bangalore – Chennai Expressway (Bangarupalem - Gudipala (phase-II) section
7	NH-716B	40.6	Varadharajula- Kumarajapet of Chittoor – Thatchur Section
8	NH-716B	30.585	Veera Kaveri Raja Puram - Pondavakkam of Chittoor-Thatchur Section
9	NH-18	188.752	Kadapa - Kurnool section
10	NH-67	45.14	Mydukur - Badvel section
11	NH-340C	30.6	Kurnool - Mandlem section (Package-1)
12	NH-340C	35.151	Mandlem - Atmakur section (Package-2)

13	NH-16 & NH-67	40.811	Nellore Bypass section & Badvel - Chunculuru section
14	NH-16	110.8	Tada - Nellore section
15	NH-67	86.32	Chunculuru - Nellore section
16	NH-565	66.156	Vaggampalle - Dornala T Junction section
17	NH-565	138.366	Davulapalli - Vaggampalle section
18	NH-16	183.62	Chilakaluripet – Nellore section
19	NH-16	89.27	Ankapalli - Annavaram (Tuni) section
20	NH-16	70.975	Annavaram - Diwancheruvu section
21	NH-216A	49.042	Diwancheruvu - Siddhantham section
22	NH-216A	71.952	Siddhantham - Gundugolanu section
23	NH-216A	27.5	Kakinada bypass
24	NH- 16	69.884	Gundugolanu Devarapalli Kovvuru
25	NH-565	84	Penchalakona - Yerpedu section
26	NH-44	47.687	Nalagampalli - AP/Karnataka Border Section
27	NH-71	57.046	Renigunta - Naidupeta section
28	NH-71	53.07	Madanapalli - Pileru section
29	NH-16	27.4	Gundugolanu - Kalaparru section
30	NH-16	27.4	Kalaparru - Chinna Avutupalli section
31	NH-65	13.46	Nandigama Bypass and Kanchikacherla
32	NH-16	28.74	Vijayawada bypass from Chinna Autupalli - Gollapudi section

33	NH-65	35.684	Nandigama - Vijayawada section
34	NH-16	23.774	Chinna Avutupalli - Kanaka Durgamma Varadhi of Vijayawada-Gundugolanu Section
35	NH-16	64.061	Vijayawada – Machilipatnam section & Eastern side Benz Circle Flyover
36	NH-30	70.19	Ibrahimpatnam – Chandragudem – AP/Telangana Border section
37	NH-16	50.38	Anandapuram – Pendurthi – Anakapalli section
38	NH-16	47	Ranasthalam – Anadapuram section
39	NH-16	49.63	Narasannapeta -Ranasthalam section
40	NH-16	96.7	Icchapuram – Narasannapeta Section
41	NH-16	58.276	Anandapuram- Visakhapatnam and Ranasthalam Town
42	NH-130CD	24.2	Aluru - Jakkova Section under Raipur-Visakhapatnam Economic Corridor [Package-1(AP)]
43	NH-130CD	23.955	Jakkova – Korlam Section under Raipur-Visakhapatnam Economic Corridor [Package-2(AP)]
44	NH-130CD	22.465	Korlam - Kantakapalle under Raipur-Visakhapatnam Economic Corridor [Package-3(AP)]
45	NH-130CD	16.598	Kantakapalle – Sabbavaram Section under Raipur- Visakhapatnam Economic Corridor [Package-4(AP)]
Total Length (Km)		2620	
