

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

**LOK SABHA  
UNSTARRED QUESTION NO. 1033  
ANSWERED ON 05<sup>th</sup> 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.**

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

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

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 Digamarru 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 - Davulaplly 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-Srisailem-Tokapalli road
52	NH-340C	73	131.4	58.4	Kurnool- Guntur road
53	NH-167K	137.03	154.2	17.17	Nallakaluva-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-Pasarlupudi
2	NH-216	128.503	254.556	126.053	Dhindi- Losari-Machavaram-Avanigadda

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

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

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

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

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