

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

RAJYA SABHA
UNSTARRED QUESTION NO. 2808
ANSWERED ON- 12/08/2026

DIGITAL TOLL COLLECTION

2808. SHRI ASHOKRAO SHANKARRAO CHAVAN:

SHRI RAJESH PARMANAND SHUKLA:

SMT. REKHA SHARMA:

SHRI KESRIDEVSINH JHALA:

DR. MEDHA VISHRAM KULKARNI:

SHRI KANAD PURKAYASTHA:

DR. PARMAR JASHVANTSINH SALAMSINH:

SHRI LAHAR SINGH SIROYA:

SHRI SUBHASH BARALA:

SMT. MAYA NAROLIYA:

SHRI SHAMBHU SHARAN PATEL:

SHRI NAVEEN JAIN:

SHRI NARESH BANSAL:

SMT. SADHNA SINGH:

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

- (a) the status of the implementation of digital toll collection initiatives on the National Highways;
- (b) the information regarding measures undertaken to facilitate technology-enabled toll collection on the National Highway network;
- (c) whether the Ministry is planning to expand barrier-free electronic toll collection; and?
- (d) if so, the details thereof?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) The Government has taken significant measures towards the digitisation of user fee (toll) collection and improvement of toll operations on National Highways. In this regard, FASTag fitment has been made mandatory for all categories of motor vehicles to facilitate Electronic Toll Collection (ETC) at Fee Plazas on National Highways. Further, with effect from 16th February 2021, all lanes at National Highway fee plazas have been made FASTag lanes. Presently, approximately more than 98% of user fee collection takes place through FASTag under National Electronic Toll Collection (NETC) program.

(b) In order to further facilitate technology-enabled user fee collection and improve the efficiency and convenience of toll operations on the National Highway network, the following measures have been undertaken by the Government:

(i) Adoption of Multi-Lane Free Flow (MLFF) tolling: The Government has adopted a phased rollout of Multi-Lane Free Flow (MLFF) user fee collection on 4-lane and above National Highways, based on the outcomes and efficacy of the awarded projects. Under the MLFF tolling system, gantry-mounted high-performance Radio Frequency Identification (RFID) readers and Automatic Number Plate Recognition (ANPR) cameras are used for the deduction of user fees through the existing FASTag system, thereby eliminating manual intervention or cash handling at fee collection points.

(ii) Discontinuation of cash collection at NH fee plazas: With a view to ensuring smoother toll operations, enhancing transparency and promoting digital payments, the Government has discontinued cash collection at all National Highway fee plazas with effect from April, 2026. Accordingly, user fee is presently being collected through FASTag/UPI only.

(iii) Introduction of Annual Pass: The Government has introduced a FASTag-based Annual Pass scheme for non-commercial cars, jeeps and vans, which came into effect from 15th August, 2025. This scheme offers 200 NH fee plaza crossings or one year validity, whichever is earlier, by payment of Rs. 3000/- (Rupees three thousand) (Rs.3,075/- for Financial Year 2026-27). As of June, 2026, more than 77 lakh Annual Passes have been issued, accounting for approximately 63 crore transactions at National Highway fee plazas. At present, around 33% of the total Electronic Toll Collection (ETC) transactions undertaken by cars, jeeps and vans are through Annual Passes. The scheme has contributed to improved operational efficiency and greater convenience for road users.

(c) to (d) In an effort to enhance toll operations and enable seamless movement of vehicles, the Government has decided to implement MLFF through Automatic Number Plate Recognition (ANPR) with AI analytics and RFID-based Electronic Toll Collection (FASTag) which facilitates barrier-less tolling, where the user fee shall be charged from the vehicle users without having to stop, slow down or stay in a given lane. Multi-Lane Free Flow based barrier less tolling using existing FASTag (RFID)+ANPR/AI- Technology has been awarded on 17 fee plazas as per Annexure A. Out of 17 awarded fee plazas, 06 fee plazas have already gone Live i.e., (i) Choryasi Fee Plaza, Surat, Gujarat (w.e.f. 01.05.2026), (ii) Mundka Fee Plaza, Delhi (w.e.f. 11.05.2026), (iii) Daulatpura fee plaza, Rajasthan (w.e.f. 19.06.2026), (iv) Gharaunda fee plaza, Haryana (w.e.f. 25.06.2026), (v) Manoharpur fee plaza, Rajasthan (w.e.f. 01.07.2026) and (vi) Shahjahanpur fee plaza, Rajasthan (w.e.f. 01.08.2026). Further, additional 104 fee plazas have been identified for implementation of barrier free tolling as per Annexure B.

ANNEXURE REFERRED TO IN REPLY TO PART (c) to (d) OF RAJYA SABHA UNSTARRED QUESTION NO. 2808 FOR ANSWER ON 12.08.2026 ASKED BY SHRI ASHOKRAO SHANKARRAO CHAVAN, SHRI RAJESH PARMANAND SHUKLA, SMT. REKHA SHARMA, SHRI KESRIDEVSINH JHALA, DR. MEDHA VISHRAM KULKARNI, SHRI KANAD PURKAYASTHA, DR. PARMAR JASHVANTSINH SALAMSINH, SHRI LAHAR SINGH SIROYA, SHRI SUBHASH BARALA, SMT. MAYA NAROLIYA, SHRI SHAMBHU SHARAN PATEL, SHRI NAVEEN JAIN, SHRI NARESH BANSAL, SMT. SADHNA SINGH REGARDING DIGITAL TOLL COLLECTION.

The details of fee plazas for which Request for Proposal (RFP) has been awarded for implementation of barrier less tolling:

S. No.	Fee Plaza	NH/ State
1.	Choryasi	NH-48 in Gujarat
2.	Mundka	UER-II in Delhi
3.	Daulatpura	NH-48 in Rajasthan
4.	Manoharpura	NH-48 in Rajasthan
5.	Shahjahanpur	NH-48 in Rajasthan
6.	Gharaunda	NH-44 in Haryana
7.	Nemili / SriPerumbadur	NH-48 in Tamil Nadu
8.	Chennasamaduram	NH-48 in Tamil Nadu
9.	Paranur	NH-45 in Tamil Nadu
10.	Kasepalli	NH-44 in Andhra Pradesh
11.	Amakthadu	NH-44 in Andhra Pradesh
12.	Marur	NH-44 in Andhra Pradesh
13.	Chalakhwadi	NH-50 in Maharashtra
14.	Hiwargaon Pavasa	NH-50 in Maharashtra
15.	Badarpur Faridabad	NH-19 in Haryana
16.	Boraich	NH-48 in Gujarat
17.	Madanpur	NH-31 in Assam

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The details of fee plazas for which Request for Proposal (RFP) have been invited for implementation of barrier less tolling:

Sl. No.	Fee Plaza Name	NH Number
1.	Sirohi Bahali	148B
2.	Kathuwas	11
3.	Ghamroj Sohna Road	248A
4.	Kiranj	148NA
5.	Bhanera	34
6.	Chota Mawana	34
7.	Mujhera	709AD
8.	Chandlana	152D
9.	Mohna	152D
10.	Kheri Sharaf Ali	152D
11.	Bahri	152D
12.	Amrawali Khera	152D
13.	Kilazafargarh	152D
14.	Bainsi	152D
15.	Kharkhara	152D
16.	Kherari	152D
17.	Dadri	152D
18.	Buchawas	152D
19.	Bhalkhi	152D
20.	Jat Guwana	152D
21.	Pabnawa	152D
22.	Jamni NH 152D	152D
23.	Chabri	152D
24.	Kurana	334
25.	Jiwana	709B
26.	Tamsabad	709AD
27.	Patnipratapur	709AA
28.	Bhuni	709A
29.	Jagaheri	709AD
30.	Dabhedi	709B
31.	Sivaya	334
32.	Dakan kotra	48
33.	Jaswantgarh (Gogunda)	27
34.	Malera	27
35.	Kishorepura	52

Sl. No.	Fee Plaza Name	NH Number
36.	Beermendi	52
37.	Mandana	52
38.	Biratiya Kalan	25
39.	Binawas	25
40.	Dangiyawas	125A
41.	Manaklao-TP-02	125A
42.	Tankla	62
43.	Netra	62
44.	Hingonia	148C
45.	Sitarampura	148C
46.	Kishangarh	48
47.	Thikariya	48
48.	Tatiawas	52
49.	Akhepura	52
50.	Thirpali Badi	709 Extn.
51.	Titoli	11A Extn.
52.	Rabawata	11A Extn.
53.	Pipili	316
54.	Pudapada & Nildungri	53
55.	Dakuamunda	55
56.	Hatibari	55
57.	Jharpokharia	49
58.	Padmanavapur	18
59.	Sukhuapada	18
60.	Khairamunda	53
61.	Hasanpur (Sainkul)	20
62.	Khantaghar (Dhenkikote)	20
63.	Banajodi (Padmapur)	20
64.	Khireitangiri	49
65.	Jansanpur	49
66.	Kandra	520
67.	Darjing	143
68.	Jamudihi	520
69.	Balani	143
70.	Bharthana	48
71.	Mandva	48
72.	Bhadbhid	751
73.	Kobadi	51
74.	Rohisa	51
75.	Nageshri	51
76.	Velva	51
77.	Sundarpara	51
78.	Pithai	47
79.	Vavadikhurd	47
80.	Vantada	48
81.	Kathpur	48
82.	Bhagwada	48
83.	Bharudi	27
84.	Pithadiya	27
85.	Kuchadi	51

Sl. No.	Fee Plaza Name	NH Number
86.	Okhamadhi	51
87.	Dharampur-Danta	151A
88.	Gadoi	151
89.	Dari	151
90.	Gorsar	51
91.	Tarana	151A
92.	Varshamedi	341
93.	Kukma	341
94.	Panthangi	65
95.	Korlaphadu	65
96.	Chillakallu	65
97.	Komatipalli	163
98.	Komalla	163
99.	Painampalli	365A
100.	Singarenipally	365BB
101.	Mandamarri	363
102.	Sarandi	363
103.	Taddanpally	161
104.	Dharmaram	161
