

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

**LOK SABHA
UNSTARRED QUESTION NO. 1879
ANSWERED ON 31ST JULY, 2025**

HYBRID ANNUITY MODEL PROJECTS

**1879. SMT. BHARTI PARDHI:
SHRI SHRIRANG APPA CHANDU BARNE:
SHRI OMPRAKASH BHUPALSINH ALIAS PAVAN RAJENIMBALKAR:
SHRI SANJAY HARIBHAU JADHAV:**

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

- (a) the number of Hybrid Annuity Model (HAM) projects awarded along with the number of projects currently under construction, successfully completed and made operational till date in the country, State-wise especially in Madhya Pradesh and district-wise in Maharashtra;**
- (b) the average time taken for a HAM project from the date of award to the date of its Commercial Operation;**
- (c) whether the Government has recently tightened the eligibility criteria/qualification requirements for HAM project bidders, and if so, the specific reasons/issues which have triggered tightening the said criteria/norms;**
- (d) the manner in which the Government expect the likely impact of these changes on the pace and quality execution of HAM project in the future; and**
- (e) the details regarding the proposal for construction of Palkhi road connecting Ter to Shri Kshetra Pandharpur in Dharashiv district?**

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) 406 projects awarded under Hybrid Annuity Mode(HAM) is under implementation/Operation & Maintenance stage in the country. Further, the list of projects awarded and under implementation/completed in the State of Madhya Pradesh and Maharashtra in Annexed.

(b) After award of the HAM Project, a Special Purpose Vehicle (SPV) is formed by the Selected Bidder for signing of the Concession Agreement and thereafter time period of about 150 days is provided for achievement of Financial Close.

After fulfillment of conditions precedent by Government (availability of land & clearances etc) and the concessionaire(Financial close, permits etc) , Appointed Date is declared for execution of the project as per provisions of Concession Agreement and the time line for completion of the project is usually 2-3 years from the Appointed Date.

(c) and (d) Yes Sir. Government, in July 2025, has issued modification in Standard Request for Proposal(RFP) related to qualification criteria for HAM Projects. The modifications made inter-alia include the minimum requirement for Standard Highway Project as well as Stand Alone Specialized Project such as Tunnels, Major Bridge, ROB etc. and are envisaged to improve the quality of construction and more accountability to the bidders.

(e) The section of road connecting Ter to Shri Kshetra Pandharpur is not a National Highway.

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 1879 ANSWERED ON 31st JULY, 2025 ASKED BY SMT. BHARTI PARDHI, SHRI SHRIRANG APPA CHANDU BARNE, SHRI OMPRAKASH BHUPALSINH ALIAS PAVAN RAJENIMBALKAR AND SHRI SANJAY HARIBHAU JADHAV REGARDING 'HYBRID ANNUITY MODEL PROJECTS'.

Projects completed/operationalized/under implementation in HAM mode in the state of Madhya Pradesh

S · N o ·	Age ncy	State	District	Project	Len gth (Km)	Co st (in Rs · C r.)
1	NHAI	Madhya Pradesh	Indore, Khar gone (West Nimar)	Indore - Edlabad (Pkg-II) [Tejainagar to Balw ara]	33	1163
2	NHAI	Madhya Pradesh	Khandwa (E ast Nimar), Khargone (West Nimar)	Dhangaon - Borgaon section (km 81.000 to km 139.000) [Indore - Edlabad Pkg IV]	58	866
3	NHAI	Madhya Pradesh	Burhanpur, Khandwa (E ast Nimar)	4L Boregaon Buzurg to Shahpur (Pkg I of Boregaon Buzurg to Muktainagar) of NH 753L	47	1504
4	NHAI	Madhya Pradesh	Burhanpur, Jalgaon	4L Shahpur to Muktainagar from Km. 186.000 to 216.278 of NH 753L (Pkg II of Boregaon Buzurg to Muktainagar)	30	784
5	NHAI	Madhya Pradesh	Vidisha, Raisen	(i) 4L Vidisha to Hinotiya from km 0.000 to Km 27.000 (Vidisha – Mehulwa-Talbehat Pkg-I) Section of NH- 346 and (ii) 4L Vidisha to Morikori from Km 39.000 to 59.476 section of NH-146	47	1004
6	NHAI	Madhya Pradesh	Mahoba	4 -Laning of MP/UP Border to Kabarai section of NH- 34&35 from km 197.000 to km 242.991 (Length= 45.991 Km) (Sagar-Kabrai Package-5) under Bharat Mala Pariyojana (EC) in MP & UP on HAM	46	1633
7	NHAI	Madhya	Dewas	Indore - Harda (Pkg-II) [Raghavgarh to Nanas	64	108

		Pradesh		a from km. 29.30 to km. 92.30]		2
8	NHAI	Madhya Pradesh	Dewas, Harda	Indore - Harda (Pkg-III) [Nanasa to Pidgaon Section from km 95.000 to km 142.445]	47	1146
9	NHAI	Madhya Pradesh	Harda	4L of Harda - Betul (Pkg-I) from Km.0 to Km.30.20 [Harda - Temagaon]	30	774
10	NHAI	Madhya Pradesh	Betul	Harda - Betul (Pkg-III) from Km. 81.00 to Km. 121.248 [Chicholi - Betul]	40	854
11	NHAI	Madhya Pradesh	Ujjain	4L of Chandesara to Khedakhajuriya from Km. 0.000 to (-) 750 & Km 0.000 to km 41.400 of NH-148NG (Pkg-I)	42	910
12	NHAI	Madhya Pradesh	Ujjain, Agar-Malwa	4L of Khedakhajuriya to Suhagadi from Km. 41.400 to Km. 89.200 of NH-148NG (New NH 752D) (Pkg-II)	48	876
13	NHAI	Madhya Pradesh	Mandsaur, Jhalawar	4L of Suhagadi to Bardiya Amra from Km. 89.200 to Km. 135.351 of NH-148NG (Pkg-III)	46	823
14	NHAI	Madhya Pradesh	Dewas, Ujjain	4L of Dewas - Ujjain from km. 0.0 to km. 19.76 of Old SH 18 (New 752D) including Ujjain Bypass (Km. 19.76 to km. 26.9) & Dewas Bypass (Km. 0.0 to km. 14.52)	41	843
15	NHAI	Madhya Pradesh	Ujjain, Dhar	4L of Ujjain to Badnawar from km 26.900 to km 96.00 of NH-752D	69	1353
16	NHAI	Madhya Pradesh	Niwari, Jhansi	Jhansi - Khajuraho(PKG-I)	77	1690
17	NHAI	Madhya Pradesh	Chhatarpur	Jhansi-Khajuraho from Km. 76.3 to Km. 161.7 near Bamitha Town	85	1781
18	NHAI	Madhya Pradesh	Sidhi, Rewa	Churhat Bypass of Rewa Sidhi Section	15	830
19	NHAI	Madhya Pradesh	Raisen	Construction work of 4-laning of Shahganj by pass end to Badi (Package-IV) of NH-146B from design km 102.000 to design km 142.357 (Design length 40.357 km)	40	784
20	Roads Wing	Madhya Pradesh		Construction of Rewa Bypass to 4-lane with paved shoulder along with service road from Ratahara Chowk to Chorhata Chowk Road section of NH-30 from km 00.000 to 19.200 in the State of Madhya Pradesh on Hybrid Annuity Mode (HAM).	19	648

Projects completed/operationalized/ under implementation in HAM mode in the state of Maharashtra

S. N o.	Age ncy	State	District	Project	Tot al L eng th (Km)	Tot al Cos t (i n R s. C r.)
1	NHAI	Mahara shtra	Palghar	Vadodara Mumbai Expressway (Phase II - Pkg XI) [Km. 77.000 to Km. 103.400] (Ganjad - Talsari)	26	1525
2	NHAI	Mahara shtra	Palghar	Vadodara Mumbai Expressway (Phase II - Pkg XII) [Km. 50.700 to Km. 77.000] (Masvan - Ganjad)	26	1711
3	NHAI	Mahara shtra	Palghar	Vadodara Mumbai Expressway (Phase II - Pkg XIII) [Km. 26.582 to Km. 50.700] (Shirsad - Masvan)	27	3537
4	NHAI	Mahara shtra	Thane, Palghar	Vadodara Mumbai Expressway (Phase II - Pkg XIV) [Km. 3.000 to Km. 20.200 of Spur] (Shirsad - Akloli)	17	2059
5	NHAI	Mahara shtra	Thane	Vadodara Mumbai Expressway (Phase II - Pkg XV) [Km. 20.200 to Km. 43.000 of Spur] (Akloli - Amne)	18	2611
6	NHAI	Mahara shtra	Thane	Vadodara Mumbai Expressway (Phase II - Pkg XVI) [Km. 43.000 to Km. 69.800 of Spur] (Amne - Bhoj)	25	4052
7	NHAI	Mahara shtra	Thane, Raigad	Vadodara Mumbai Expressway (Phase II - Pkg XVII) [Km. 69.800 to Km. 79.783 of Spur] (Bhoj - Morbe)	10	2209
8	NHAI	Mahara shtra	Nagpur	4 Lane Stand Alone Ring Road/ Bypasses for Nagpur City, Package - I from Km 0.500 to Km 34.000	34	685
9	NHAI	Mahara shtra	Nagpur	Ring road /Bypasses for Nagpur City, Package-2 from km 34.000 to km 62.035	28	763
10	NHAI	Mahara shtra	Thane	Vadape to Thane from km 539.202 to km 563.000 section of NH-3 new NH-848	21	1253
11	NHAI	Mahara shtra	Nashik	6L of Gonde (Km. 439.038) to Pimpri Sado (Km. 459.905) section of NH-848 (Old NH-3)	20	857

12	NHAI	Maharashtra	Pune	Four laning from Dive Ghat (Km. 220.900) to Hadapsar (Km. 234.150) of Mohol – Alandi section (Pkg – VI) of NH-965	13	820
13	NHAI	Maharashtra	Solapur	Four Laning of Akkalkot to Solapur (including Akkalkot Bypass of Length 7.35 km.) from km. 9.400 to km. 138.352 of NH-150 E	39	958
14	NHAI	Maharashtra	Solapur, Kalaburagi	Akkalkot – MH/KN border New Greenfield corridor from Km 512.000 to Km 548.400 of NH-150 C (part of Akkalkot – KN/TS Border section) (Package – XIV)	36	1371
15	NHAI	Maharashtra	Jalgaon, Dhule	Tarsod - Fagne section of NH-6	87	2268
16	NHAI	Maharashtra	Buldhana, Jalgaon	4L of Chikhli - Tarsod section of NH-6 from km 360.00 - km 422.700	63	1847
17	NHAI	Maharashtra	Amravati, Akola	Balance Works of 4L Amravati - Chikhli (Pkg - I) [Amravati - Kurankhed from km. 166.00 to km. 220.00]	54	713
18	NHAI	Maharashtra	Akola	Balance Works of 4L Amravati - Chikhli (Pkg - II) [Kurankhed - Shelad from km. 220.00 to km. 270.00]	50	634
19	NHAI	Maharashtra	Akola, Buldhana	Balance Works of 4L Amravati - Chikhli (Pkg - II) [Shelad - Nandura from km. 270.00 to km. 315.00]	45	580
20	NHAI	Maharashtra	Buldhana	Balance Works of 4L Amravati - Chikhli (Pkg - I) [Nandura - Chikhli from km. 315.00 to km. 360.00]	45	584
21	NHAI	Maharashtra	Ahmednagar	Ahmednagar Bypass	41	901
22	NHAI	Maharashtra	Ahmednagar	4L of Ahmednagar - Mirajgaon - Karmala - Tembhurni (Pkg-I) [Ahmednagar to Ghogargaon] from km. 0.00 to km. 38.775 of NH-516A	39	980
23	NHAI	Maharashtra	Ahmednagar	4L of Ahmednagar - Mirajgaon - Karmala - Tembhurni (Pkg-II) [Ghogargaon to Ahmednagar- Solapur District Border] from km. 38.775 to km. 80.390 of NH-516A	42	1032
24	NHAI	Maharashtra	Dharashiv, Latur	Four Laning of Tuljapur to AUSA section (including Tuljapur Bypass of 11.593 km.) of NH-361 from Km 0.000 to Km 55.835	67	1564

25	NHAI	Maharashtra	Latur	4L of Ausa-Chakur Section from km 55.835 to Km 114.345 of NH-361	59	1169
26	NHAI	Maharashtra	Nanded,Latur	Chakur Loha Section of NH-361 from km 114.600 to km 187.80	73	1241
27	NHAI	Maharashtra	Nanded, Hingoli	Loha-Waranga Section of NH-361 from km 187.800 to km 244.369	57	1236
28	NHAI	Maharashtra	Nanded, Yavatmal, Hingoli	4 laning of Waranga - Mahagaon from km 253.700 - km 320.580	67	1632
29	NHAI	Maharashtra	Yavatmal	Four Laning of Mahagaon to Yavatmal (Pkg- II) of NH- 361 from km. 320.580 to km. 400.575	80	2119
30	NHAI	Maharashtra	Yavatmal, Wardha	Four Laning of Yavatmal to Wardha (Pkg-III) of NH- 361 from Km 400.575 to Km 465.500	65	1876
31	NHAI	Maharashtra	Wardha, Nagpur	Four Laning of Wardha - Butibori of NH-361 (Pkg - IV) from km. 465.50 to km. 524.69	59	1834
32	NHAI	Maharashtra	Jalgaon, Dhule	Bodhre - Dhule	67	1345
33	NHAI	Maharashtra	Nashik, Ahmednagar	Sinnar-Shirdi (including Sinnar Bypass)	51	1331
34	NHAI	Maharashtra	Solapur	Four Laning of Sangli - Solapur (Pkg IV) [Mangalwedha-Solapur] from km 321.6 - km 378.10	57	1472
35	NHAI	Maharashtra	Solapur	Four Laning of Sangli - Solapur (Pkg III) [Watambare- Mangalwedha] from km 276.0 - km 321.60	46	1289
36	NHAI	Maharashtra	Sangli,Solapur	Four Laning of Sangli - Solapur (Pkg II) [Boregaon- Watambare] from km. 224.00 to km. 276.00	52	1414
37	NHAI	Maharashtra	Sangli	Four Laning of Sangli - Solapur (Pkg I) [Sangli - Borgaon km 182.556 - km 224.00]	41	1409
38	NHAI	Maharashtra	Ratnagiri	4L of Ratnagiri - Kolhapur section of NH-166 from km 0.000 to km 19.769 and km 31.000 to km 67.140 (Pkg - I)	56	1774
39	NHAI	Maharashtra	Ratnagiri, Kolhapur	4L of Ratnagiri - Kolhapur section from km 67.140 to km 112.340 of NH-166 (Pkg - II)	45	1985
40	NHAI	Maharashtra	Kolhapur	4L of Ratnagiri - Kolhapur section from km 112.340 to km 145.300 of NH-166 (Pkg-III)	33	1939
41	NHAI	Maharashtra	Chandrapur	4L of Rajura-Korpana-Adilabad Road upto M.S. Border from km 32.910 to km 89.090 of NH-353 B	56	1013

42	NHAI	Mahara shtra	Chandrap ur	4L of Bamni - Rajura - Warur - Devada upto M.S. Border of NH - 930D (from km 19.000 to km 51. 985)	33	968. 05
43	Road s Win g	Mahara shtra	Ratnagiri	Kashedi - Parshuram Ghat	42	1142
44	Road s Win g	Mahara shtra	Ratnagiri	Parshuram Ghat - Arawali	34	983
45	Road s Win g	Mahara shtra	Ratnagiri	Arawali - Kante	39	1102
46	Road s Win g	Mahara shtra	Ratnagiri	Kante - Wakad	47	1230
47	Road s Win g	Mahara shtra	Sidhudurg	Talegaon - Kalmath	38	904
48	Road s Win g	Mahara shtra	Sidhudurg	Kalmath - Zarap	34	1338
