

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

**LOK SABHA
UNSTARRED QUESTION NO. 3202
ANSWERED ON 16TH DECEMBER, 2021**

REVIEW OF ROAD PROJECTS UNDER PPP MODEL

3202. SHRI KUNWAR PUSHPENDRA SINGH CHANDEL:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

(a) whether the Government has taken any initiative to review the PPP Model in the construction of National Highways (NH);

(b) if so, the details thereof;

(c) the details of pending projects under PPP model as on date along with the reasons therefor, State-wise including Bundelkhand region; and

(d) the details of investment made by the private sector in road construction during the last five years, State-wise?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) to (b) Yes, Sir. Review of Model Concession Agreement (MCA) documents of various modes of road construction under PPP is a continuous exercise and changes are made to address the concerns of the stakeholders, as and when required. Considering the key challenges of PPP projects faced by stakeholders, following major changes have recently been made:

(i) BOT (Toll) Model: MCA for BOT(Toll) Model has been amended to reduce risk exposure for concessionaire through measures such as removal of capacity augmentation requirement for concessionaire, introduction of Dispute Resolution Board, changing bid parameter from Premium to Revenue Share, protection from the traffic variation risk by

prescribing projected traffic at every 5-year interval during concession period.

(ii) **Hybrid Annuity Model (HAM):** MCA for HAM has been made investor friendly by modification of operation parameters such as increase in number of milestone payments, 100% exit allowance after 6 months (as compared to 2 years earlier), declaration of O&M expenditure in bid documents, introduction of dispute resolution board, protection of the concessionaires from interest rate risk by linking interest on balance annuities to average of one-year MCLR of TOP 5 Scheduled Commercial Banks plus 1.25 %.

(c) A total length of 6722.31 Km has been completed out of 7245.07 Km of NH projects under BOT (annuity) and BOT (Toll) mode. The details of ongoing NH projects at various stage of BOT (Toll/Annuity) are placed at Annexure. The delay in completion of projects is mainly on account of delay in acquisition of land, shifting of utilities, statutory clearances and the issue of availability of funds with the Concessionaire.

(d) During last five years and current financial year (upto Nov 21), private sector expenditure (Investment) is given as under:

(Rs. in cr.)

Financial Year	Private sector Investment
2016-17	15,453.64
2017-18	16,413.64
2018-19	21,605.32
2019-20	21,925.98
2020-21	12,475.53
2021-22 (upto Nov 2021)	15,164.25

ANNEXURE REFERRED TO IN REPLY TO PART (C) OF LOK SABHA UNSTARRED QUESTION NO. 3202 ANSWERED ON 16TH DECEMBER, 2021 ASKED BY SHRI KUNWAR PUSHPENDRA SINGH CHANDEL REGARDING 'REVIEW OF ROAD PROJECTS UNDER PPP MODEL'

Summary of NH Projects under BOT (Annuity) and BOT (Toll)

Sr. No	Mode of Delivery	No. of Projects	Total Length (km)	Completed Length (km)	Under Implementation Length (km)	Length Under Construction (km)	Construction yet to commence (km)
1	BOT Annuity	9	687.72	646.7	41.02	41.02	0
2	BOT Toll	65	6557.35	6075.61	481.74	350.16	131.58
Total		74	7245.07	6722.31	522.76	391.18	131.58

Detail of Ongoing NH projects [BOT (Annuity/Toll)]

S.No	State	Project Name	NH No	LOA Date	Start/ Appointed Date	Total Length (Km)	Cumulative Physical Progress till last Month (Km)
1	Bihar	Chhapra - Hajipur from km. 143.200 to km. 209.200	31	13/05/2010	27/01/2011	66.74	49.66
2	Bihar	4L of Hajipur-Muzaffarpur Section of the existing NH-77 from Km. 0+000 (Ramashish Chowk) to Km. 46+300 and new bypass starting at Km. 46+300 and connecting NH-28 of E-W Corridor at Km. 515+045	22	18/11/2009	12/08/2010	63.17	54.1
3	Bihar	Muzaffarpur - Sonbarsa Section of NH-77 from km 2.800 to km 89.000	77	05/07/2010	30/05/2011	86.2	82.69
4	West Bengal	Krishnagar - Berhampore section from km 115.00 to km 193.00 of NH-34	12	21/02/2011	10/01/2012	78	67.54
5	Bihar	Six Laning of Varanasi to Aurangabad from km. 786.00 to km. 978.40 of Old NH-2	19	29/04/2010	12/09/2011	192.4	110.16
6	Haryana	8L of Mukarba Chowk in Delhi to Panipat in Haryana from km 15.500 to km 86.000 of NH-44 (Old NH-1)	44	24/07/2015	27/10/2016	70.7	57.36
7	Karnataka	Goa / Karnataka (Km.93.700) to Kundapur (Km.283.30)	66	31/07/2012	03/03/2014	187.24	171.21
8	Madhya Pradesh	Indore -Dewas km 577.550 to km 610.000 and km 0.000 to km 12.600 of NH-3 in MP	52	28/07/2010	10/11/2010	45.05	44.23
9	Madhya Pradesh	Indore - Gujarat / MP Border from km. Km 9.500	47	30/12/2009	20/08/2010	161.5	139

S.No	State	Project Name	NH No	LOA Date	Start/ Appointed Date	Total Length (Km)	Cumulative Physical Progress till last Month (Km)
		to Km 171.000 of NH-59 in MP					
10	Maharashtra	Panvel (0.000) to Indapur (84.600) of NH-66	66	28/10/2010	19/12/2011	84.6	65.79
11	Maharashtra	Satara (Km 725.000) to Pune (Km 865.350) of NH - 4 (New NH - 48) in Maharashtra	48	20/01/2010	01/10/2010	140.35	135.9
12	Maharashtra	4/6L of Khed (42.00) to Sinnar (Km. 177.00) of Old NH - 50 (New NH - 60) in Maharashtra	60	28/03/2013	12/02/2014	137.94	109.5
13	Maharashtra	Solapur to Maharashtra - Karnataka Border Section of NH-9 from Km. 251.325 To 348.800	65	23/12/2011	03/06/2014	100.06	87.33
14	Rajasthan	Kishangarh (km 0.000) to Gulabpura (km 90.000) of NH-79A and NH-79 in Rajasthan	79 & 79A	27/12/2016	21/02/2018	90	79.89
15	Tamil Nadu	Tirupati - Tiruttani - Chennai Section of NH-205 in the State of Andhra Pradesh and Tamil Nadu	716	30/04/2010	07/04/2011	124.7	100.93
16	Tamil Nadu	Start of Karur Bypass - Dindigul from km. 292.600 to km. 305.600 (Contract Package No. NS2/BOT/TN-4)	44	21/11/2005	17/10/2006	81.125	77.72
17	Tamil Nadu	Krishnagiri (Km.0.000) to Walajahpet (Km.148.300)	48	31/03/2010	07/06/2011	148.3	142.87
18	Tamil Nadu	Namakkul - Karur section including Namakkul Bypass	44	29/07/2006	29/07/2006	41.37	34.57

S.No	State	Project Name	NH No	LOA Date	Start/ Appointed Date	Total Length (Km)	Cumulative Physical Progress till last Month (Km)
19	Tamil Nadu	Trichy (135.800) to Karur (218.000) section of NH-67 - Trichy Bypass	81	05/03/2007	19/07/2007	79.82	61.35
20	Uttar Pradesh	Six Laning of Delhi - Agra section from Km.20.500 to Km.200 in the State of Haryana and U.P.	19&44	19/05/2010	16/10/2012	179.5	171.04
21	Uttar Pradesh	Hapur Bypass -Moradabad including Hapur Bypass (km 50.00 - km 148.277)	9	28/03/2018	28/05/2019	99.86	74.55
22	Uttarakhand	4L of Kashipur Sitarganj Section of NH-74 from km. 175.000 to km. 252.200	74	26/11/2012	05/03/2014	77.2	66.73
23	West Bengal	6L of Palsit-Panagarh from Km. 521.120 to Km. 588.870 of NH-19	19	30/03/2021		67.75	0
24	West Bengal	Barwa Adda (Km. 398.240) to Panagarh (Km. 521.120)	19	05/04/2013	01/04/2014	122.88	107.14
25	West Bengal	6L of Palsit - Dhankuni from Km. 588.870 to Km. 652.870	19	30/03/2021		63.83	0
26	West Bengal	Berhampore (191.700) to Farakka (292.300) of NH-34 in the State of West Bengal	12	08/02/2010	03/02/2011	100.6	89.79
