

(c) whether the State Government has asked for any kind of help or assistance in the matter;

(d) if so, the details thereof; and

(e) how far would this help to cut transit-time and speed up commerce in this coastal region?

THE MINISTER OF SHIPPING, ROAD TRANSPORT AND HIGHWAYS (SHRI T.R. BAALU): (a) to (e) No such proposal of Government of Orissa has been received. However, Central Government has declared on 25.11.08, the East Coast Canal along with Brahmani River and Mahanadi delta (623 km in length) as a National Waterway, in consultation with State Government of Orissa. Central Government Proposes to undertake developmental activities in this waterway for navigational purpose at a cost of Rs 1526 crores (2002 prices).

#### **Development of NHs through PPP mode**

518. SHRI SANJAY RAUT:

SHRI BHARATKUMAR RAUT:

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

(a) whether there is any proposal to get the development work on National Highways/sections through Public Private Partnership (PPP) mode;

(b) if so, the details of the selected National Highways/sections with the estimated cost of each of the project, Statewise;

(c) whether the expenditure involved in the development projects is to be met from the toll collection on sharing basis; and

(d) if so, the details thereof alongwith the percentage share of Government and PPP in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF SHIPPING, ROAD TRANSPORT AND HIGHWAYS (SHRI K.H. MUNIAPPA): (a) to (b) Yes, Sir. The State-wise details of projects completed/under implementation through PPP mode are enclosed as Statement-I (See below).

(c) to (d) In the case of Build, Operate and Transfer (BOT) Projects which are tollable, the entire cost of construction, operation and maintenance is borne by the concessionaire who recovers his investment through collection of toll. In some projects, successful bidders have offered revenue sharing from a specified date with respect to Commercial Operations Date or Appointed Date, and the details thereof are enclosed in the given Statement -II.

**Statement-I**

*Details Regarding Development of NHs through PPP Mode.*

**Projects completed/under implementation under PPP mode State-wise**

Sl. No.	Station from to	NH No	Length (km.)	Completed Length (km.)	Total Project Cost (Rs. in cr.)	PPP mode	Present Status
1	2	3	4	5	6	7	8
<b>Andhra Pradesh</b>							
<b>NHDP Phase I</b>							
1.	Nellore Bypass	5	17.166	17.166	143.2	Annuity	4 Laned
2.	Ankapalli - Tuni	5	58.947	58.947	283.2	Annuity	4 Laned
3.	Tuni - Dharmavaram (AP-16)	5	47	47	231.9	Annuity	4 Laned
4.	Dharmavaram-Rajahmundry (AP-15)	5	53	53	206	Annuity	4 Laned
5.	Nandigama-Vijayawada	9	35	35	138.65	BOT (Toll)	4 Laned
6.	Nellore-Tada (AP-7)	5	110.51	110.51	621.35	BOT (Toll)	4 Laned
<b>NHDP Phase II</b>							
1.	Kadloor Yellareddy to Gund-la Pochampalli (NS-2/BOT/AP-2)	7	85.74	81	490	Annuity	Under Implementation
2.	MH/AP border to Islam Nagar (NS-2/BOT/AP-6)	7	55	17.25	360.42	Annuity	Under Implementation

1	2	3	4	5	6	7	8
3.	Islam Nagar to Kadial (NS-2/BOT/AP-7)	7	48	0	546.83	Annuity	Under Implementation
4.	Kadial to Armur (NS-2/BOT/AP-8)	7	31	21	271.73	Annuity	Under Implementation
5.	Hyderabad Bangalore section (NS-2/BOT/AP-5)	7	74.65	59.49	592	Annuity	Under Implementation
6.	Farukhanagar to Kotakatta (NS-2/AP-4)	7	55.74	53.78	302	BOT (Toll)	Under Implementation
7.	Farukhanagar to Kotakatta (NS-2/AP-3)	7	46.162	44.4	255	BOT (Toll)	Under Implementation
<b>NHDP Phase V</b>							
1.	Chilikaluripet-Vijayawada (Six lane)	5	82.5	0	572.3	BOT (Toll)	Under Implementation
<b>Bihar</b>							
<b>NHDP Phase II</b>							
1.	Kosi Bridge including approaches and Guide Bond and Afflux Bond (BR-5)	57	10	0	418.04	Annuity	Under Implementation
<b>Chattisgarh</b>							
<b>NHDP Phase I</b>							
1.	Durg Bypass	6	18	18	70	BOT (Toll)	2 Laned

<b>NHDP Phase III</b>							
1.	End of Durg Bypass-Chattisgarh/ Maharashtra Border	6	82.685	0	464	BOT (Toll)	Under Implementation
2.	Aurang-Raipur	6	45	0	190	BOT (Toll)	Under Implementation
<b>Delhi [9.7]/Haryana [18]</b>							
<b>NHDP Phase I</b>							
1.	Delhi-Gurgaon Section (Access Controlled 8/6 Lane)	8	27.7	27.7	710	8 Laned	Under Implementation
<b>Gujarat</b>							
<b>NHDP Phase II</b>							
1.	Rajkot Bypass and Gondal Jetpur (Package-VII) 8B	36	36	388.09	BOT (Toll)	4 Laned	
<b>NHDP Phase V</b>							
1.	Bharuch to Surat Package BOT-II (Six lane)	8	36	30.52	492	BOT (Toll)	Under Implementation
2.	Vadodara to Bharuch Package BOT-I (Six lane)	8	83.3	47.27	660	BOT (Toll)	Under Implementation
<b>Gujarat [118.2]/Maharashtra[120.77]</b>							
<b>NHDP Phase V</b>							
1.	Surat-Dahisar (Six lane)	8	239	0	1405.57	BOT (Toll)	Under Implementation

1	2	3	4	5	6	7	8
<b>Haryana</b>							
<b>NHDP Phase II</b>							
1.	Panipat Elevated Highway	1	10	10	270	BOT (Toll)	4 Laned
<b>NHDP Phase III</b>							
1.	Delhi/Haryana Border to Rohtak	10	63.49	0	486	BOT (Toll)	Under Implementation
<b>Haryana [11.6]/Punjab[17.5.1]</b>							
<b>NHDP Phase V</b>							
1.	Panipat -Jalandhar (Six lane)	1	291	0	2288	BOT (Toll)	Under Implementation
<b>Haryana[20]/Himanchal</b>							
<b>NHDP Phase III</b>							
1.	Zirakpur-Parmanoo	22	28.69	0	295	BOT (Toll)	Under Implementation
<b>Haryana [6]/Punjab[30]</b>							
<b>NHDP Phase III</b>							
1.	Ambala-Zirakpur	21,22	36	36	298	BOT (Toll)	Under Implementation
<b>Haryana [64.3]/Rajasthan[161.3]</b>							
<b>NHDP Phase V</b>							
1.	Gurgaon-Kotpuli-Jaipur (Six lane)	8	225.6	0	1673.7	BOT (Toll)	Under Implementation

## Karnataka

### NHDP Phase I

1. Maharashtra Border-Belgaum 4 77 77 332 Annuity 4 Laned
2. Tumkur-Neelamangala 4 32.5 32.5 155 BOT (Toll) 4 Laned

### NHDP Phase II

1. AP/Karnataka border-Nandi Hill crossing and Deyenhalli to Meenu Kunte Village 7 61.38 41 402.8 Annuity Under Implementation

### NHDP Phase III

1. Neelamangala Junction on NH 4 with NH 48 to Devihalli 48 81 0 441 BOT (Toll) Under Implementation
2. Bangalore-Hoskote-Mudbagal Section 4 79.724 6 565 BOT (Toll) Under Implementation
3. Bangalore-Neelamangala 4 19.5 0 445 BOT (Toll) Under Implementation
4. Elevated Highway from silk board Junction to electronic city junction 7 9.98 9 450 BOT (Toll) Under Implementation

## Kerala

### NHDP Phase II

1. Thrissur to Angamali (KL-1) 47 40 26 312.5 BOT (Toll) Under Implementation

1	2	3	4	5	6	7	8
<b>Madhya Pradesh</b>							
<b>NHDP Phase II</b>							
1.	Lakhnadon to MP/MH Border (NS-1/BOT/MP-2)	7	49.35	25	263.17	Annuity	Under Implementation
2.	Gwalior Bypass (NS-1/BOT/MP-1)	75.3	42	0	300.93	Annuity	Under Implementation
3.	Lakhnadon to MP/MH Border (NS-1/BOT/MP-3)	7	56.475	5	407.6	Annuity	Under Implementation
<b>NHDP Phase III</b>							
1.	Guna Bypass	3	14	14	46	BOT (Toll)	4 Laned
2.	Indore-Khalighat	3	80	37	472	BOT (Toll)	Under Implementation
3.	Khalighat-MP/Maharashtra Border	3	82.8	0	549	BOT (Toll)	Under Implementation
<b>Madhya Pradesh[68.5]/Uttar Pradesh</b>							
<b>NHDP Phase II</b>							
1.	Gwalior-Ujhansi	75	80	0	604	Annuity	Under Implementation
<b>Maharashtra</b>							
<b>NHDP Phase I</b>							
1.	Satara-Kagal	4	133	133	600	BOT (Toll)	4 Laned

### NHDP Phase III

1. Gonde-Vadape (Thane)	3	100	45	579	BOT (Toll)	Under Implementation
2. Pune-Khad	50	30	30	127.6	BOT (Toll)	4 Laned
3. Chhattisgarh/Maharashtra Border - Wainganga Bridge	6	80.055	0	424	BOT (Toll)	Under Implementation
4. Kondhali-Telegaon	6	50	50	212	BOT (Toll)	Under Implementation
5. Dhule-Pimpalgaon	3	118	105	556	BOT (Toll)	Under Implementation
6. Nagpur-Kondhali	6	40	14.8	168	BOT (Toll)	Under Implementation

### Punjab

### NHDP Phase III

1. Amritsar-Wagha border	1	36.22	0	205.88	Annuity	Under Implementation
2. Kurali-Kiratpur	21	42.9	0.5	309	BOT (Toll)	Under Implementation
3. Jalandhar-Amritsar	1	49	35	263	BOT (Toll)	Under Implementation



1	2	3	4	5	6	7	8
<b>Rajasthan</b>							
<b>NHDP Phase I</b>							
1.	Mahapura (near Jaipur)-Kishangarh (6 Lane)	8	90.38	90.38	644	BOT (Toll)	4 Laned
2.	ROB at Kishangarh	8	1	1	18	BOT (Toll)	4 Laned
<b>NHDP Phase III</b>							
1.	Mahua - Jaipur	11	108	103.4	483	BOT (Toll)	Under Implementation
2.	Bharatpur-Mahua	11	57	56.06	250	BOT (Toll)	Under Implementation
<b>Rajasthan[42]/Gujarat[34]</b>							
<b>NHDP Phase II</b>							
1.	Palanpur to Swaroopganj (Rajasthan-42 km and Gujarat-34 km)	14	76	70	498	Annuity	Under Implementation
<b>Tamil Nadu</b>							
<b>NHDP Phase I</b>							
1.	Tambaram-Tindivanam	45	93	93	375	Annuity	4 Laned
<b>NHDP Phase II</b>							
1.	Tindivanam-Ulundurpet (Pkg-VI-A)	45	71.25	62.89	480	BOT (Toll)	Under Implementation
2.	Salem to Kerala Border Section (TN-6)	47	53.525	27.88	469.8	BOT (Toll)	Under Implementation

3.	Krishnagiri to Thopurghat (NS-2/TN1)	7	62.5	62.5	372.7	BOT (Toll)	4 Laned
4.	Salem to Kerala Border Section (TN-7)	47	48.51	39	379.8	BOT (Toll)	Under Implementation
5.	Ulundurpet-Padalur (Pkg-VI-B)	45	92.75	76.96	460	BOT (Toll)	Under Implementation
6.	Karur to Madurai (TN-5)	7	53.025	32.7	283.5	BOT (Toll)	Under Implementation
7.	Karur to Madurai (TN-4)	7	68.125	28.85	327.2	BOT (Toll)	Under Implementation
8.	Salem to Karur (NS-2/TN-3)	7	33.48	24.7	205.6	BOT (Toll)	Under Implementation
9.	Padalur-Trichy (Pkg-VI-C)	45	40	29	320	BOT (Toll)	Under Implementation
10.	Salem to Karur (NS-2/TN-2)	7	41.55	24.7	253.5	BOT (Toll)	Under Implementation

#### NHDP Phase III

1.	Pondicherry-Tindivanam	66	38.61	4.5	285	BOT (Toll)	Under Implementation
2.	Salem-Ulundrupet (BOT-1/TN-06)	68	136.35	0	941	BOT (Toll)	Under Implementation

1	2	3	4	5	6	7	8
3.	Trichy-Dindigul	45	88.273	0	576	BOT (Toll)	Under Implementation
4.	Trichy-Karur	67	79.7	0	516	BOT (Toll)	Under Implementation
5.	Thanjarur-Trichy	67	56	6	280	BOT (Toll)	Under Implementation
6.	Madurai-Arupukottai-Tuticorin	45B	128.15	0	629	BOT (Toll)	Under Implementation
<b>NHDP Phase V</b>							
1.	Chennai-Tada (Six lane)	5	43.4	0	353.37	BOT (Toll)	Under Implementation
<b>Uttar Pradesh</b>							
<b>NHDP Phase II</b>							
1.	Gorakhpur Bypass	28	32.6	0	600.24	Annuity	Under Implementation
2.	Bara to Orai	2,25	62.8	23	465	Annuity	Under Implementation
3.	Jhansi to Lalitpur (NS-1/BOT/UP-3)	26	49.3	9	276.09	Annuity	Under Implementation

4. Jhansi to Lalitpur (NS-1/BOT/UP-2)	25,26	49.7	18	355.06	Annuity	Under Implementation
<b>NHDP Phase III</b>						
1. Sitapur-Lucknow	24	75	0	322	BOT (Toll)	Under Implementation
2. Meerut-Muzaffarnagar	58	79	63.5	359	BOT (Toll)	Under Implementation
<b>Uttar Pradesh</b>						
<b>NHDP Phase III</b>						
1. Agra-Bharatpur	11	45	33	195	BOT (Toll)	Under Implementation
<b>West Bengal</b>						
<b>NHDP Phase I</b>						
1. Palsit-Dankuni	2	65	65	432.4	Annuity	4 Laned
2. Panagarh-Palsit	2	64.457	64.457	350	Annuity	4 Laned
3. Vivekananda Bridge and Approach	2	6	6	641	BOT (Toll)	4 Laned

**Statement-II**

*Details Regarding Development of NHs through PPP Mode*

Sl. No.	Name of the project	Concessionaire	Revenue share to NHAI	
			Revenue Share from appointed date	Revenue Share from appointed date
1	2	3	4	5
1.	Chennai-Tada (km 11 to km 54.40)	Larsen and Toubro	17.07%	31.07%
2.	Gurgaon-Kotputli-Jaipur (km 42.70 to km 273)	Emirates Trading Agency LLC-KMC construction Ltd.	48.06%	59.06%
3.	Surat-Dahisar (km 263 to km 502)	IRB Infrastructure Developers Ltd.- Deutsche Banks AG	38%	49%
4.	Chilikaluripet-Vijaywada (km 355 to km 434.15)	IJM Corporation Berhad-IDFC Ltd.	2% from 4.65 Years after appointed date	12%
5.	Panipat-Jalandhar (km 96 to km 387.10)	Isolux Corsan Concessiones SA-Corsan-Corviam Constructions SA-Soma Enterprise Ltd.	20.14%	34.14%
6.	Delhi-Haryana Border to Rohtak	West Haryana Projects Pvt. Ltd	As per concession agreement NHAI will get a premium @ 2% of toll revenue 4692 days after Commercial Operations Date (COD) subject to an incremental increase of 1% for each subsequent year till end of the concession Period of 25 years.	
7.	Khalaghat- MP/MH Border	SEW Navyuga Barwani Tollways Pvt Ltd	As per Concession agreement NHAI will be paid a premium @ 3.11% of toll revenue 405 days after commercial operations Date (COD) subject to an incremental increase of 1% for each subsequent year till end of concession period of 18 years.	

1	2	3	4	5
8.	Pimpalgaon-Nashik-Gonde	L and T - Ashoka Buildcon Ltd. Consortium	As per concession agreement NHAI will be paid a premium @ 2% of toll revenue 1530 days before Commercial Operations Date (COD) subject to an incremental increase of 1% for each subsequent year till end of concession period of 20 years.	
9.	MP/Maharashtra Border-Dhule	NCC-John Laing-Sadbhav Consortium	As per concession agreement NHAI will be paid a premium @ 2% of toll revenue 2610 days after Commercial Operations Date (COD) subject to an incremental increase of 1% for each subsequent year till end of concession period of 18 years.	

In earlier concession agreements, sharing of toll revenue was not adopted as a concept. However, some agreements provided for transfer of a proportion of revenue to NHAI once toll revenue or vehicular traffic exceeded a specified threshold. In case of a stretch in Maharashtra, an agreement with a public sector undertaking (Maharashtra State Road Development Corporation) envisages revenue surplus sharing. The BOT (Toll) projects where such sharing of excess/surplus revenue is envisaged in the concession agreement are as following:—

(a)	Jaipur - Kishangarh on NH 8	Toll revenue in excess of projected fees for each accounting year to be shared between concessionaire (M/s. GVK Jaipur Kishangarh Pvt. Ltd.) and NHAI.
(b)	Sister Nivedita Bridge at Kolkatta	Toll revenue in excess of Projected fees for each accounting year to be shared.
(c)	Satara-Kagal on NH 4	Cash surplus for any year shall be shared equally between concessionaire (M/s. Maharashtra State Road Development Corporation and NHAI.
(d)	Delhi-Gurgaon Access controlled highway	Fee realized by the concessionaire (M/s Jaypee-DSC Ventures Ltd.) for vehicles in excess of 130000 PCUs per day shall be shared with NHAI.