



National Highways Authority of India



BHARATMALA
ROAD TO PROSPERITY



PRAGATI
KI NAYI GATI



JHARKHAND
JOURNEYS AHEAD



In the State of Jharkhand, till 2014, the length of National Highways was 2,402 km. In 2018, the length of National Highways has reached 7,791 km. 44 National Highway worth Rs. 29,000 Cr, spanning a length of 2,728 km have been announced and Detailed Project Reports are being prepared. Since 2014, works worth Rs. 9,847 Cr to develop a total of 939 km of National Highways are progressing at a faster pace. Languishing projects of 275 km length worth Rs, 2,803 Cr have been revived and fast tracked. In the coming years, investments worth Rs. 45,000 Cr will be made to develop road infrastructure in the State.



“When a network of good roads is created, the economy of the country also picks up pace. Roads are veins and arteries of the nation, which help to transform the pace of development and ensure that prosperity reaches the farthest corners of our nation.”

NARENDRA MODI

Prime Minister



“In the past four years, we have expanded the length of Indian National Highways network to 1,26,350 km. The highway sector in the country has seen a 20% growth between 2014 and 2018. Tourist destinations have come closer. Border, tribal and backward areas are being connected seamlessly. Multimodal integration through road, rail and port connectivity is creating socio economic growth and new opportunities for the people.

In the coming years, we have planned projects with investments worth over Rs 6 lakh crore, to further expand the world’s second largest road network.”

NITIN GADKARI

Union Minister, Ministry of Road Transport & Highways, Shipping and Water Resources, River Development & Ganga Rejuvenation



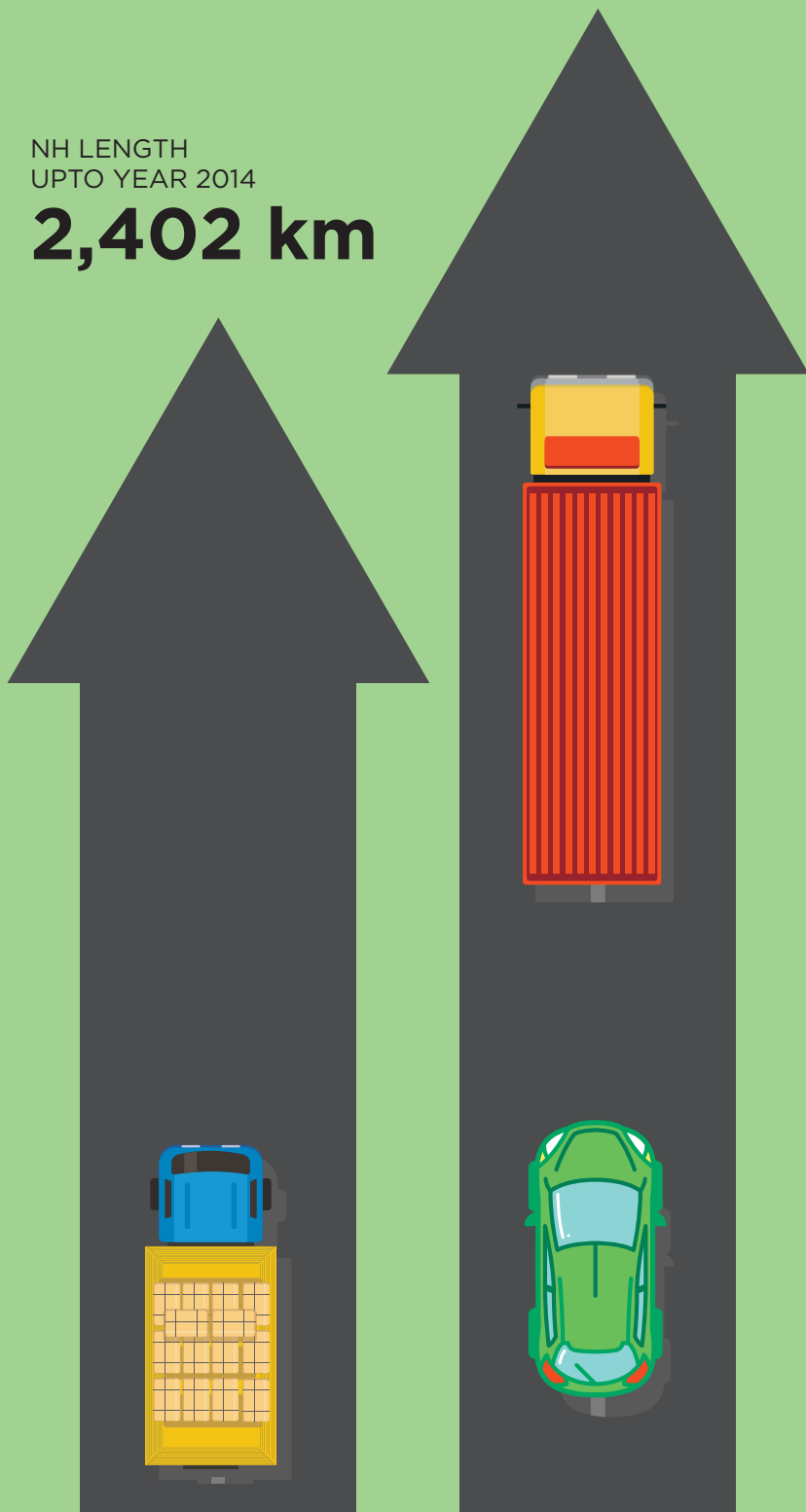
Fast tracking National Highway development in Jharkhand

NH + IN PRINCIPLE NH LENGTH
UPTO YEAR 2018

7,791 km

NH LENGTH
UPTO YEAR 2014

2,402 km



Adding new National Highways in Jharkhand

2,402 km

Yr 2010 - 2014

New NH

5,389 km

Yr 2014 - 2018

New NH & In principle NH length



Construction of roads in Jharkhand



Yr 2010 - 2014

Constructed
length



Yr 2014 - 2018

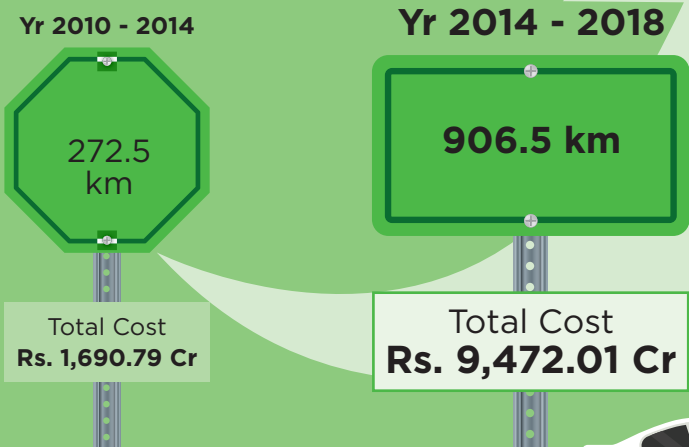
Constructed
length



357 km of National Highways have been built in 4 years



Road Projects awarded in Jharkhand



Growth of **460%** in the awarded cost of road projects over last 4 years with investments worth **Rs. 9,472.01 Cr**



Accelerated NH Development under Central Road Fund (CRF) in Jharkhand

Yr 2010 - 2014



Total Cost
Rs. 133.27 Cr

Yr 2014 - 2018



Total Cost
Rs. 307.63 Cr



Significant increase of **131%** in cost of CRF works sanctioned for the upgradation & improvement of roads & bridges in the State



Landmark Projects in Jharkhand





Sahibganj Bridge on River Ganga

A 6 km long bridge across the river Ganga has been proposed near Sahibganj, to ensure seamless inter-state connectivity between Jharkhand and Bihar. The foundation stone for the bridge has been laid by Prime Minister Narendra Modi in April 2017. Once constructed, the Sahibganj bridge will be one of the longest river bridges in India.

Sahibganj Bridge

At a Glance

21.885 km Total length of Project

6 km length of Bridge

Rs. 2,598 Cr total cost

15 Minor bridges

1 Toll Plaza

2 ROBs

800 m viaduct on Sahibganj side

1,300 m viaduct on Katihar side

1 Bypass at Manihari

5 Underpasses for vehicles and pedestrians

24 Culverts



Sahibganj Bridge

Benefits

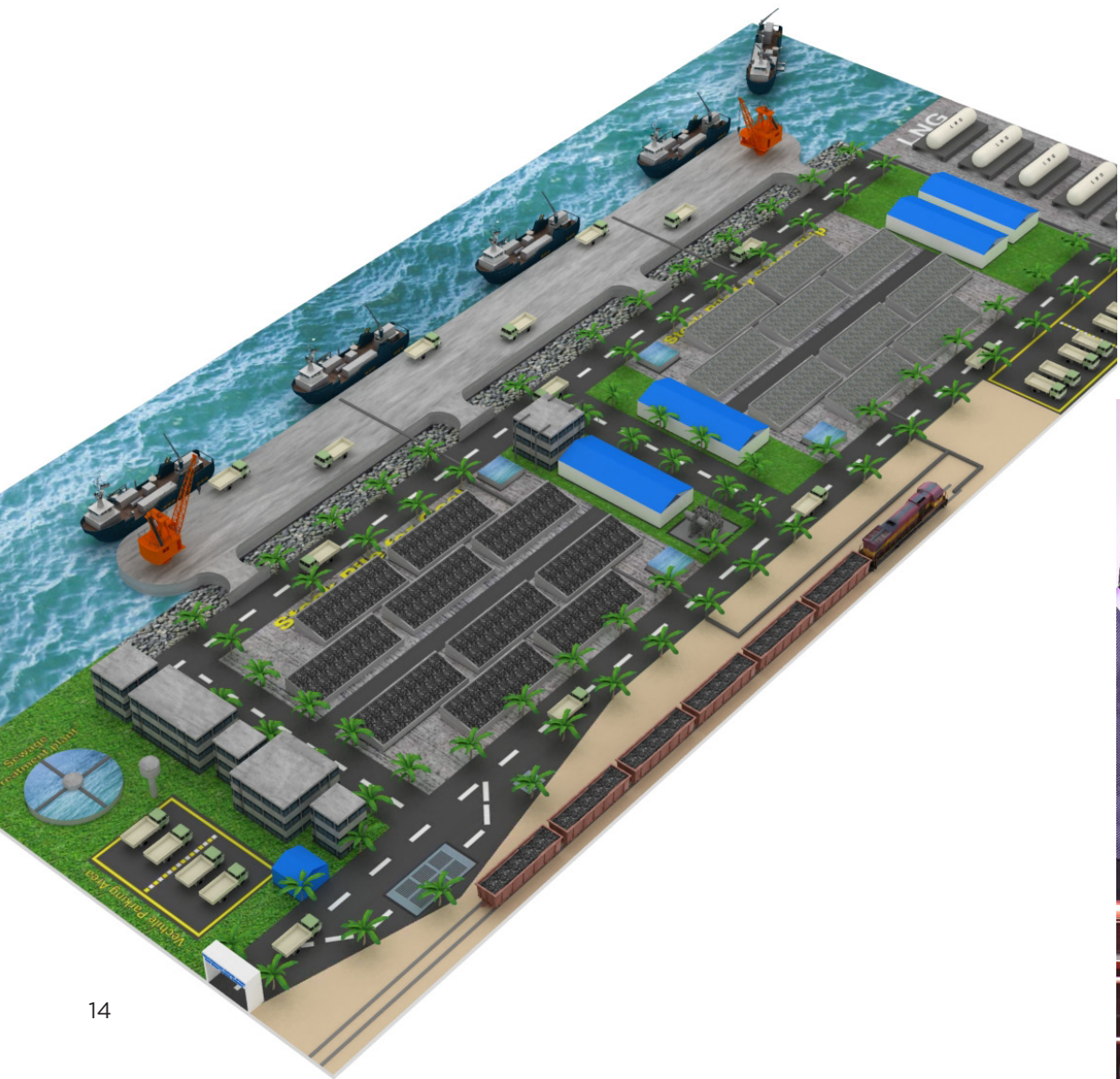
- Will reduce travel time
- Will reduce road distance from over 150 km of mainly 2 lane National Highway, to approximately 72 kms of 4 lane Carriageway
- Will open new employment opportunities for the people
- Will create economic growth through the proposed Inland Water Container Depot near Sahibganj
- Will help to decongest Jharkhand



Sahibganj Multimodal Terminal

A world class multimodal terminal, to be developed at a cost of Rs. 467 Cr, has been proposed at Sahibganj, along with Waterway development worth Rs. 5,369 Cr. On completion, the terminal will be a national asset, helping to transform India's logistics landscape. Works worth Rs. 280 Cr have been awarded. The terminal will be built with stockyard, hyper raised conveyor belt system, barge loaders, road, ramp, and parking facilities. It will have the capacity to dock two ships.

After the Varanasi-Haldia terminal, it will be the second multimodal terminal in the nation. The Multimodal Terminal will be completed by 2019. Once ready, it will ply 2.24 MTP Cargo vehicles every year.



Sahibganj Multimodal Terminal

At a glance

Rs. 467 Cr total development cost of Multimodal Terminal

Rs. 5,368 Cr allotted for Waterway development

To ply **2.24** MTP Cargo vehicles annually

Benefits

- The Sahibganj terminal will be connected to NH 80 and Sekri Gully station, thereby saving time and cost for load bearing vehicles
- Water transport will create new employment opportunities for over 1.5 lakh people, plus indirect employment for 10,000 people
- Faster transportation of coal, stone, cement and sugar will be possible
- Work on the third Haldia terminal will be started soon



Progress at a faster pace on Waterways

- In order to fast track water transport in the country, 2 intermodal terminals will be constructed at Ghazipur and Kalughat
- Rs. 2,254 Cr will be invested to develop 25 terminals across India
- Rs. 360 Cr will be invested to upgrade the Farakka lock gate
- Rs. 250 Cr will be spent on strengthening river banks
- Rs. 250 Cr will be spent on creating a river information system
- In the Ganges, from 2.5 meters to 3 meters depth, in the five years, Rs 1,600 crore Will be spent
- In the next 5 years Rs. 16,00 Cr will be invested for a depth of 2.5 m to 3 m in the river Ganga
- Water transport will give a massive boost to tourism in the nation
- Cargo transportation to Nepal will be initiated, which will be connected to Kolkata from Kaluwat to Patna



Hazaribagh-Ranchi Expressway

4 laning of Hazaribagh-Ranchi Section including Ramgarh & Kujju bypass on NH 33

Completed in 2015 on DBFOT basis, the project is part of NH 33 from Barhi junction on Delhi – Kolkata link of the Golden Quadrilateral NH 2 in Jharkhand, to Baharagora on Kolkata – Mumbai link of NH 6, on the Odisha border. This corridor is part of the most important route connecting Ranchi to Patna, the capital of Bihar. It passes through many urban and semi urban areas such as Morangi, Charhi Ghat, Kuju, Ramgarh and Ormanjhi.

At a glance

73.886 km

total length

Bypasses

Realignments

Grade separators

Intersections

Service roads

Truck lay byes

Wayside amenities

Bus bays

Benefits

- Hazaribagh-Ranchi section is a popular coal mining belt. The project has given a boost to national income by ensuring faster export of materials from this region
- Linking this region with NH-2, Delhi-Kolkata stretch has improved connectivity to backward areas
- It has uplifted the socio economic conditions of the people

Ranchi Outer Ring Road

4 laning of Ranchi-Jamshedpur Section including Ranchi bypass on NH 33

The project includes 4 laning of Ranchi- Jamshedpur section and developing the Ranchi Bypass. It is a part of the Ranchi Outer Ring Road project, connecting the existing NH-33 from Hazaribagh to Jamshedpur. On completion, it will be the lifeline of Jharkhand. The design speed of the project is 100 km per hour.

At a glance

163.5 km total length of project

Rs. 1,655 Cr total cost

25.5 km length of Ranchi Bypass

5 Major Bridges

6 Flyovers

3 ROBs

45 Minor Bridges

17 Underpasses

326 Box, Slab and Pipe culverts

4 Toll Plazas

6 Truck lay-byes

57 bus-bays & bus shelters

Benefits

- Will increase national income by ensuring faster export of goods and materials from Jamshedpur, home to the Tata factory, and a key industrial and coal mining region
- Will improved connectivity to backward areas
- Will create socio economic benefits for the people



Ongoing MoRTH Projects in Jharkhand

Sl. No.	Lok sabha constituency	Project Name	NH No. (New)	Sanctioned Cost/TPC (In Rs. Cr.)	Total length in km	Date of Start	Estimated date of completion
1	Chatra	Construction of 4 bridges (in Jabra & Gonja)	22	13	-	Aug-16	Jul-18
2	Chatra	Construction of bridge. (in Piri)	522	4	-	Apr-15	Dec-18
3	Chatra	Construction of 2 bridges (in Sanghri Ghati)	22	10	-	Dec-15	Dec-18
4	Chatra	Construction of 3 bridges. (in Hunterganj)	22	18	-	Aug-16	Jul-18
5	Dumka	Strengthening work from West Bengal border to Dumka	114A	60.23	50.44	Apr-18	Jan-19
6	Palamu	Construction of 3 bridges (in Nagar Utari & Halwanta)	39	8	-	Nov-15	Dec-18
7	Palamu	Balance work of Constn. Of Bridge over Terki Nalla	39	3	0	Dec-15	Dec-18
8	Giridih/ Koderma	Widening and Strengthening to 2-lane with paved shoulder & geometric improvement from Dakbanga to Siodih	114A	166	28.48	Jan-16	Dec-18
9	Giridih, Hazaribagh, Chatra	work of 13 bridges in Hazaribagh road between Bagodar & Chatra via Hazaribagh	522	31	-	Oct-14	Dec-18
10	Lohardaga	Construction of bypass around Gumla town	143	84	13	Feb-16	Aug-18
11	Lohardaga	Remaining work of Widening to intermediate lane and improvement of Sisai Basia Road	State Road	38	38	Apr-17	Aug-19
12	Chatra	Construction of 3 bridges (in Udaipura and Latehar)	39	7	-	Jul-16	Dec-18
13	Chatra	Construction of 2 Bridges (in Domuhan and Latehar)	39	6	-	Apr-16	Dec-18
14	Chatra	Construction of 3 bridges (in Makaiya tand, Nagar and Bhusad)	22	7	-	Feb-15	Dec-18
15	Lohardaga	Widening and Strengthening of 2 Lane & Improvement of Lohardaga Kisko More to Richuguta Road	State Road	46	32	Oct-17	Apr-19
16	Palamu	Construction of bridge over river Durgavati river	39	4	-	May-15	Dec-18
17	Palamu	Strengthening work from Hariharganj to Sildag via Chhatarpur	139	40.87	23.52	Apr-18	Jul-19
18	Ranchi	Construction of bridge in Katabil Nala	39	3	-	Jan-15	Dec-18
19	West Singhbhum	Construction of ROB including viaduct and approaches with RE wall (Excluding Railway Portion) in Chakradharpur	20	35	-	Mar-16	Sep-18

Ongoing MoRTH Projects in Jharkhand

Sl. No.	Lok sabha constituency	Project Name	NH No. (New)	Sanctioned Cost/TPC (In Rs. Cr.)	Total length in km	Date of Start	Estimated date of completion
20	West Singhbhum, Khunti	Widening & Strengthening in Badgaun to chakradharpur	20	94	55	Sep-10	Dec-18
21	Palamu	Construction of bridge over Local Nala in Hurdag	343	4	0	Nov-16	Jul-18
22	Chatra	Widening and Strengthening of Road work and reconstruction of culverts in Jori to Lamta via Chatra	22	109	31	Jan-17	Jan-19
23	Palamu	Strengthening work from Bishrampur to Garhwa via Ranka	343	47	33	Nov-16	Jul-18
24	Godda	Widening and Strengthening work from Godda to Bihar border)	333A	64	13	Jun-17	Dec-18
25	Palamu	Construction of HL bridge over Local Nala in Lohwa Pool	343	3	0	Nov-16	Nov-18
26	Palamu	Construction of HL bridge over Local Nala in Khardiha	343	3	0	Nov-16	Jul-18
27	Palamu	Construction of HL bridge over Local Nala in Bhauri	343	3	0	Nov-16	Dec-18
28	Palamu	Construction of HL bridge over Local Nala in Kutwa More	343	3	0	Nov-16	Nov-18
29	Palamu	Widening to two lane with paved shoulder & Improvement in Km 57 to 79.147 on NH-98 (Sildag to parwa More)	139	90	22	Apr-17	Oct-18
30	Palamu	Construction of Major bridge over River Annraj River	343	5.14	0	Apr-17	Oct-18
31	East Singhbhum	Strengthening work from Gipilipi to Hata	220	40.72	33.05	Feb-18	Feb-19
32	East Singhbhum	Widening to 2-lane with paved shoulder & improvement from Hata to Tiring	220	55.99	12.99	Jan-18	Jul-19
33	Giridih	Widening to 2-lane with paved shoulder & improvement from Giridih to Dumri	114A	96.47	39.06	Jan-18	Jul-19
34	Chatra	Construction of new bridge over Durangi Nala	39	6.11	0	Jun-18	Nov-19



National Highways Authority of India

Ongoing NHAI projects in Jharkhand

Sl. No.	Lok Sabha Constituency	Project Name	NH No (New)	Project Cost (Rs Cr)	Total Length in km	Date of Start	Estimated date of completion
1	Giridih & Hazaribagh	Gorhar to Khairatunda Section	2	917	40.2	Awarded	-
2	Giridih & Dhanbad	Khairatunda to Barwa Adda	2	860.1	40.3	Awarded	-
3	Dhanbad & Giridih	Govindpur (Raigunj) - Chas - WB border section	32	486	56.88	Dec-17	Dec-19
4	Hazaribagh	Bihar - Jharkhand Border (Chordaha) - Gorhar section	2	999	71.28	Awarded	-
5	Hazaribagh & Kodarma	Barhi-Koderma	31	276.17	28	Awarded	-
6	Hazaribagh	Barhi - Hazaribagh	33	337	41.34	Feb-17	Nov-18
7	Jamshedpur	Mahulia - Baharagora - Jharkhand / WB border	33 & 6	674	71.9	Sep-16	Mar-19
8	Ranchi	Piska More to Palma	23	172.2	23.1	Dec-17	Jun-19
9	Ranchi, Singhbhum & Jamshedpur	Ranchi - Rargaon - Jamshedpur	33	1,479	163.5	Dec-12	Dec-19
10	Ranchi & Lohardaga	Biju Para to Kuru	75	144.1	21	Dec-17	Jun-19
11	Ranchi	Kutchery Chowk to Biju Para	75	235.9	34	Dec-17	Jun-19
12	Rajmahal & Katihar	Sahibganj Bypass to Manihari Bypass	133B	2,598	21.85	Awarded	-

Bharatmala Pariyojana Projects under DPR in Jharkhand Total cost Rs. 2,594 Cr

Sl. No.	Name of Project	Length (Km)
01	DPR of Economic Corridor, Inter Corridor and Feeder Roads From Ranchi-Sambalpur movement (LOT-3/Odisha & Jharkhand/Package-1)- Ambapani (Start point of Jharkhand) to Joram	6.50
02	Inter Corridor and Feeder Roads From Ranchi-Sambalpur movement (LOT-3/Odisha & Jharkhand/Package-1)- Joram to Jamtoli (Litibera)	48
03	Inter Corridor and Feeder Roads From Ranchi-Sambalpur movement (LOT-3/Odisha & Jharkhand/Package-1)- Jamtoli (Litibera)- Khunti	78
04	Inter Corridor and Feeder Roads From Raipur-Dhanbad movement (LOT-/Odisha & Jharkhand/ Package-1) Ormanjhi-Gola section of NH-320	30
05	Inter Corridor and Feeder Roads From Raipur-Dhanbad movement (LOT-/Odisha & Jharkhand/ Package-1) Gola-Bokaro (Jaina More) section of NH-320.	36
	Total	198.50 KM

In-Principle approval for NH declaration in Jharkhand

Sl. No.	Stretch	Tentative Length (km)
1	Chakradharpur- Sonua-Goelkera—Manoharpur-Jaraikela –JH/Odisha Border- upto Dhabaleswar on NH-143 (Length in Jharkhand =106 Km, Odisha = 36 Km)	106.00
2	Starting from Chandil (on NH-18) in Jharkhand - Patamda-Banduan - Jhilimili - Ranibandh- Khatra- Indpur- Bankura on NH-14 in West Bengal (Length in Jharkhand = 55 Km, West Bengal = 95 Km)	55.00
3	Hatgamahria-Balandia-Majhiaon-Benisagar upto junction with NH-49 near Singada (Lengthh in Jharkhand =58 Km, Odisha = 7 Km)	58.00
4	Inter Corridor and Feeder Roads From Raipur-Dhanbad movement (LOT-/Odisha & Jharkhand/ Package-1) Ormanjhi-Gola section of NH-320	72.00
5	Govindpur (on NH-19, new)- Tundi—Giridih (on NH-144 A) - Jamua—Khorl Mahua- Doranda-Domchach- Koderma (on NH-20, new)	157.00
6	Garhwa (NH-39, new) - Majhiaon- Kandi joining before the proposed SONE Bridge	56.00
7	Bhawnathpur- Kharauindi upto Jharkhand /UP border	27.00
8	Purulia- Chandankiyari- Jharia -Dhanbad Road (Length in Jharkhand = 48 Km , West Bengal = 9 Km)	48.00
9	Ranchi-Tatisilwai- Silli-Muri-Jhalda- Jaipur and ending at junction with NH-18 in West Bengal (Length in Jharkhand = 57 Km, West Bengal = 40 Km)	57.00
10	Silli- Banta Hazam- Tikar- Rangamati Road	49.00
11	Starting at junction on NH-39 near Ratu - Thakurgaon- Piparwar- Tandwa- Simaria at junction with NH-522	98.00
12	Bagra(on NH-22, new) - Lawalong-Rampur Rimi-Dwarika-Panki-Sagalim - Leslieganj	64.00
13	Dubiakhand-Betla-Garu-Mahuadanr-Kusumi-Rajpur (Length in Jharkhand = 85 Km, Chhatisgarh = 70 Km)	85.00
14	Jaspur-Govindpur-Dumri-Mahuadanr (Length in Jharkhand = 54 Km, Chhatisgarh = 12 Km)	54.00
15	Godda-Sunderpahari-Pakur	90.00
16	Madhupur-Margomunda-Laharjori-Jamtara	51.00
17	Ghagra-Bishunpur-Netrahat-Mahuadanr	65.00
18	Hatgamahria-Jagannathpur-Baraiburu-Saddle-Manoharpur-Anandpur-Bano-Kolebira	185.00
19	Stretch from Chatra (on NH-99)-Itkhorl-Chouparan (on NH-2)	49.20
20	Stretch from Jihu (on NH-33)-Itkhorl	29.10
21	Stretch from Pataldhi-Tisri-Gawan-Satgawan-Govindpur (Bihar/JH Border)- Fatehpur-extended upto Gaya in Bihar (Length in JH=78km, In Bihar=75km)	78.00
22	Stretch from Jamu-Kharagdiha-Chatro-Sarwan-Chakai Road (Length in JH=42km, In Bihar=18 km)	42.00
23	Stretch from Daltonganj (NH-75)-Chainpur-Ramgarh-Ramkanda-Bhandaria-Ramanujanj (NH-343)	68.20
24	Stretch from Chhatarpur (NH-98)-Japla-Dangwar-Navinagar-Barun (NH-2) (Length in JH=38 km, In Bihar=34 km)	38.00
25	Stretch from Petarwar (on NH-23)-Tenughat-gomia-Narki-Budgadda-Penk-dumri (on NH-2)	66.00
26	Stretch from Panki-Herhanj-Blumath Road	38.00
27	Stretch from Jorikalan (on NH-99) - Pratappur-Chak-Manatu)New NH)	53.00
28	Stretch from Tamar (on Nh-33) - Arki-Kunti-(NH-75E) - Dorma-Kamdara-Tapara-Kolibera(on NH-23)	125.00
29	Stretch from Simdiga-Jaldega-Hurda-Girda-Manoharpur	56.70
30	Simdiga-Rengari-kersai-Bolba-Odisha Border.	48.20
31	Stretch from Simdiga (NH-23)-Kinkel-Kurudeg-Kutmakatchar-Jharkhand/ Chhatisgarh Border-Kunkuri(on NH-78 in the Jaspur District in Chhattisgarh) (Length in JH=62km, In Chhattisgarh=25 km)	62.00
32	Stretch from Godda (NH-133) Ramgarh-Guhijajori-Dumka (NH-114A)	75.60
33	Stretch from Khunti-Karra-Bero-Bhandra-Lohardagga.	84.50
34	Stretch from Dumka (NH-114A) - Masalia-KundhitNala - MaheshmundaGhat (Jharkhand)-Asansol in west Bengal (Length in JH=65.20 km, In WB =15 km)	65.20

In-Principle approval for NH declaration in Jharkhand

Sl. No.	Stretch	Tentative Length (km)
35	Stretch from Semra (NH-133) - Boarijore - Borio - Tinpahar - Rajmahal (NH-80)	53.80
36	Stretch from Bagodar (on NH-2 - Dhanware - Khirimahua (on new NH)	50.00
37	Stretch from Bundu (on NH-33) - Sonahatu-Jamudag - Jariya - (on New NH) Road	30.00
38	Stretch from Gola (on NH-23 Chas - Ramgarh) - Muri(on new NH)	26.00
39	Stretch from Saraikela - KharsawanKuchal - Dalbhanga - Arki	76.00
40	Stretch from Junction with NH-119 - Panduka (in Bihar) - Bridge on SONE river- Srinagar (Jharkhand) - Dagar- Chaura - Makundpur - Bhawanathpur - Nagar Untari (on NH-39) (Total length= 58 km; Bihar = 6 km; Jharkhand= 52 km)	52.00
41	Stretch from Katuria (Bihar) at NH-333A - Chandan- Bihar/ Jharkhand Border- Deoghar (Jharkhand) at NH-333 (length in Bihar= 30 km; Jharkhand= 14 km)	14.00
42	Stretch from Hunterganj on NH 22- Pandeyapura - Raniganj- Imamganj-Dumaria- Bela-Sultani ghati-NH-139 (Total length=80 km; Bihar=74 km; Jharkhand= 6 Km)	6.00
43	Stretch from Dhakamor in state of Bihar- Hansdiha in State of Jharkhand (Total length= 36 Km; Bihar= 26 Km; Jharkhand= 10 Km)	10.00
44	Jharsuguda (on NH-49) - Karamdihi- Subdega- Balishankara - up to junction with NH-43 near Ludang (Pathalgaon) (on NH-43) (Odisha= 77 km; Jharkhand= 55 km)	55.00
	Sub Total	2,728.50

In-Principle approval for NH declaration

Sl. No.	Stretch	Tentative Length (km)
1	Dubiakhand-Betla-Garu-Mahuadanr-Kusumi-Rajpur (Length in Jharkhand = 85 Km, Chhatisgarh = 70 Km)	85.00
2	Jaspur-Govindpur-Dumri-Mahuadanr (Length in Jharkhand = 54 Km, Chhatisgarh = 12 Km)	54.00
3	Godda-Sunderpahari-Pakur	90.00
4	Madhupur-Margomunda-Laharjori-Jamtara	51.00
5	Ghagra-Bishunpur-Netrahat-Mahuadanr	65.00
6	Hatgamahria-Jagannathpur-Baraiburu-Saddle-Manoharpur-Anandpur-Bano-Kolebira	185.00

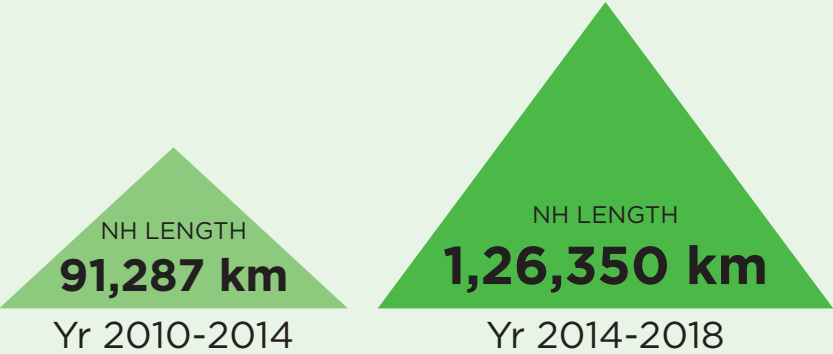
Key Indian National Highways



National Highways - India Story

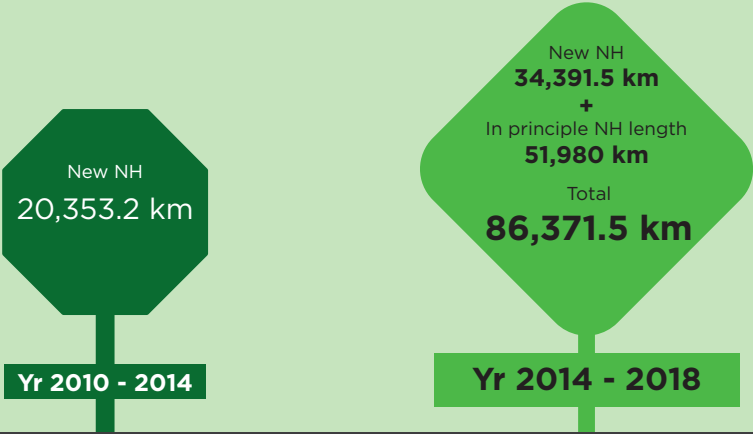
Fast tracking National Highway Development

Building National Highways A new Pace of Progress



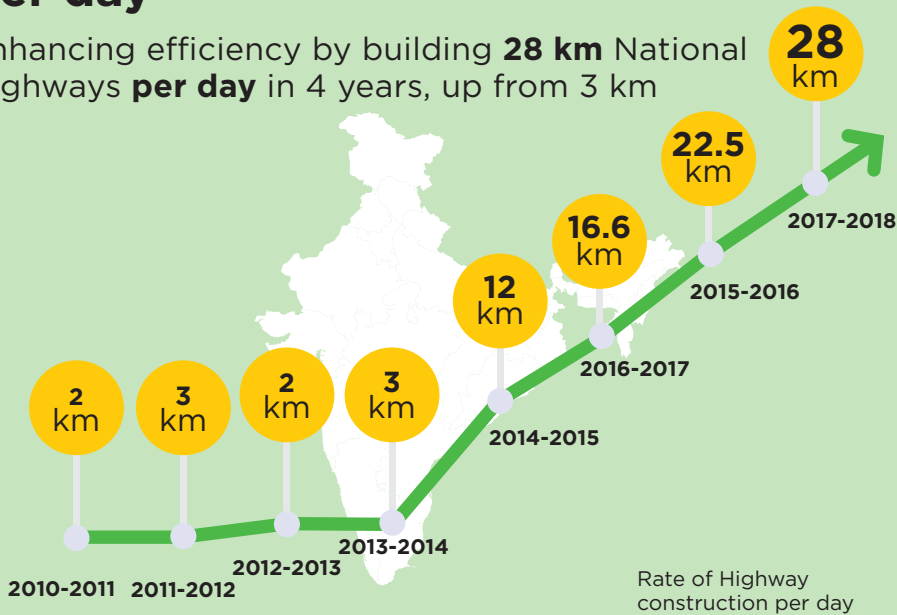
New National Highways being built

86,371.5 km of New and In-Principle National Highways added in 4 years



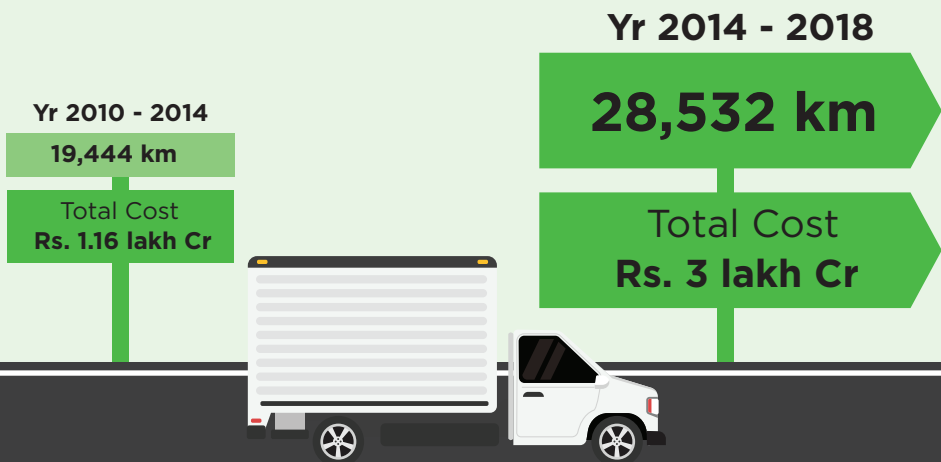
Adding more National Highways per day

Enhancing efficiency by building **28 km** National Highways **per day** in 4 years, up from 3 km



Construction of roads

Rs. 3 lakh Cr worth investments in the road sector in 4 years
Significant growth of 158%



Road Projects Awarded

100% increase in projects awarded with investments of over **Rs. 4.68 lakh Cr**

Yr 2010-2014

Road Length	Total Cost
25,609 km	Rs. 1.62 lakh Cr

Yr 2014-2018

Road Length	Total Cost
51,075.32 km	Rs. 4.68 lakh Cr

Accelerated NH development under Central Road Fund (CRF)

Significant increase of **207.6%** in cost of CRF works sanctioned for the upgradation & improvement of roads /bridges in the Nation

Yr 2010 - 2014

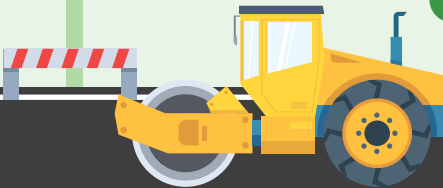
935
Projects

Total Cost
Rs. 8,613.51 Cr

2,876
Projects

Total Cost
Rs. 48,186.57 Cr

Yr 2014 - 2018



Transforming India's Transport Sector

Key initiatives in 2014 -2018

Over the past four years, various smart initiatives on Indian National Highways have resulted in transparent processes, last mile connectivity, safer roads, upskilling, new opportunities and employment for the people.



Motor Vehicle (Amendment) Bill 2017: To bring transparency, reduce corruption



E Toll - FASTag to enhance efficiency, and reduce long queues at Toll plazas



E-Rickshaws for last mile connectivity



Exemption from the requirement of commercial licence for LMV and LCV drivers



Driving training schools in every district for skill development



0.2%-15% decrease in road accidents and fatalities till 2017



Road Safety Annual Plan



Greater Compensation for accident victims of upto Rs. 5 lakhs



Partnering with NGOs to ensure road safety



Green buses and electric vehicles have been introduced. Emission standards have been upgraded for vehicles. BS VI norms along with bio fuel B-100, flex-fuel E-85 or E-100 & ethanol ED-95, methanol M-15 or M-100 and methanol MD-95 have been standardised

15% methanol blending can result in the replacement of around 31.9 million tons of crude oil. With crude oil prices at USD 54 per barrel, the use of clean energy biofuels will reduce fuel costs resulting in significant savings. Compared to neat gasoline, M-15 reduces CO and HC emission by 40%. Biofuels will help in reducing vehicle pollution levels in India



**Anti Lock Braking System
ensuring vehicle and
passenger safety**



**Model Automated
Centres for checking
fitness of vehicles**



**Vehicle Fleet modernization
programme**



**Simplified forms for
obtaining driving licences**



**Increasing Speed Limits from
100 km/h to 120 km/h, at par
with the global practices**



**Taxi Policy Guidelines to
ensure safe, secure and
affordable journeys, while
reducing congestion
as well as pollution in cities**



**Indian Bridge Management System (IBMS), the world's
largest inventory of bridges, has been created for proper
maintenance of these structures. Till date 1,72,519
bridges of all ages and structures have been inventoried
across India, and assigned GPS based Location Numbers,
Classification Numbers based on features, Structural Rating
& Socio-Economic Rating numbers**



**789 black spots have been identified and assigned unique
ID numbers. Guidelines have been prepared and notified for
investigation and rectification of these road accident-prone
black spots on National Highways. 265 spots have already
been rectified**

**Rectification measures at 318 spots have been sanctioned
and are in various stages of implementation. 139 spots are on
State Government roads or with other agencies. Remaining
67 spots would be taken up separately or rectified as part of
ongoing projects**

Manzilen Abhi Aur Bhi Hain







Saaf Niyat

Sahi Vikas



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