



Ministry of Road Transport & Highways
Government of India



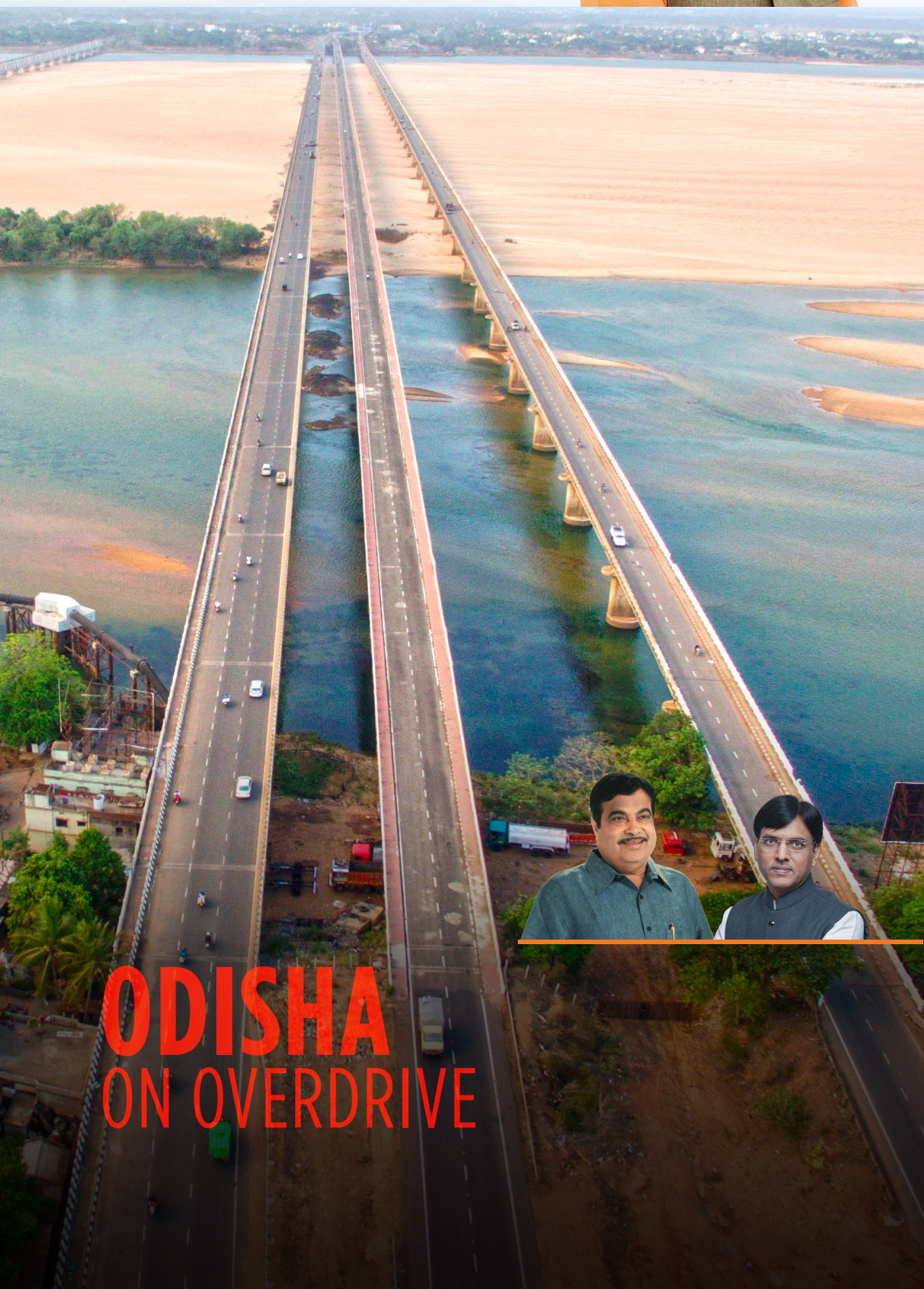
National Highways Authority of India



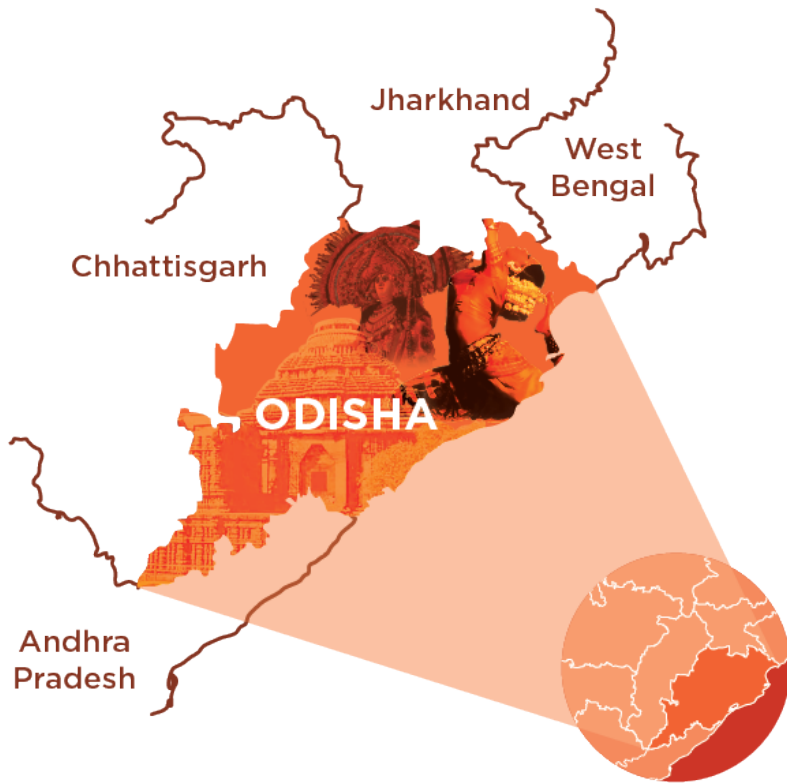
BHARATMALA
ROAD TO PROSPERITY



PRAGATI KI NAYI GATI



ODISHA ON OVERDRIVE



In the coastal State of Odisha, the length of National Highways has reached 6,968 km in 2018. Over 2,500 km of State Highways have been identified for upgradation to National Highways. This will further increase the length of National Highways in Odisha to 9,493 km. Projects worth Rs. 18,878 Cr, spanning 2,894 km have been awarded.

Construction of the 10 km Jagannath Puri bypass is underway. The 112 km long Cuttack-Angul Highway will be built with investments worth Rs. 1,500 Cr. In the next few years, Rs. 62,000 Cr worth investments will be made to expand the National Highway infrastructure of Odisha.



“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



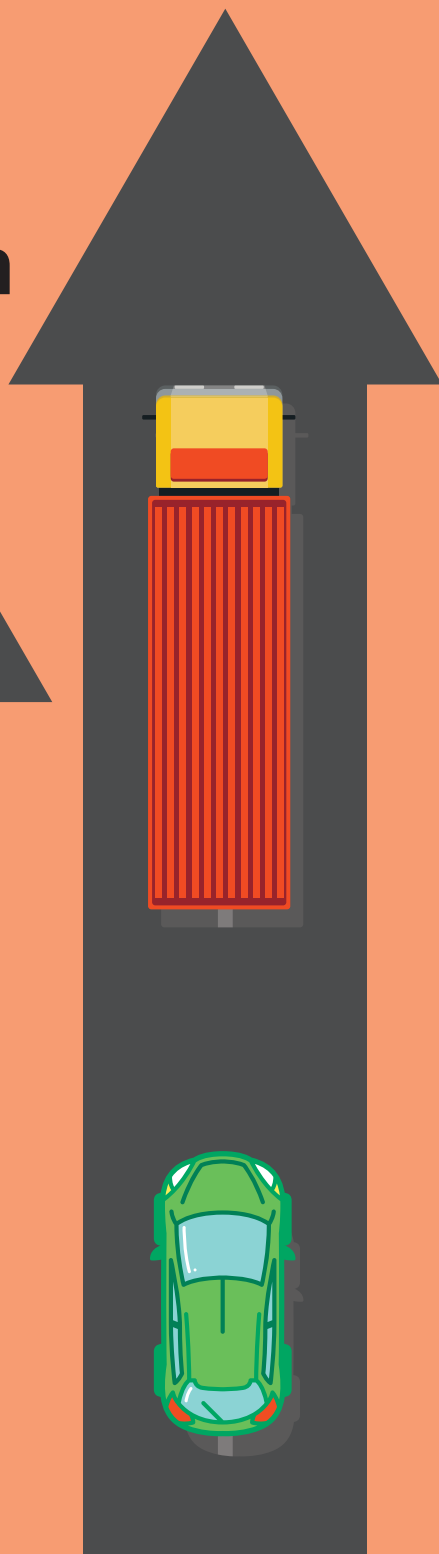
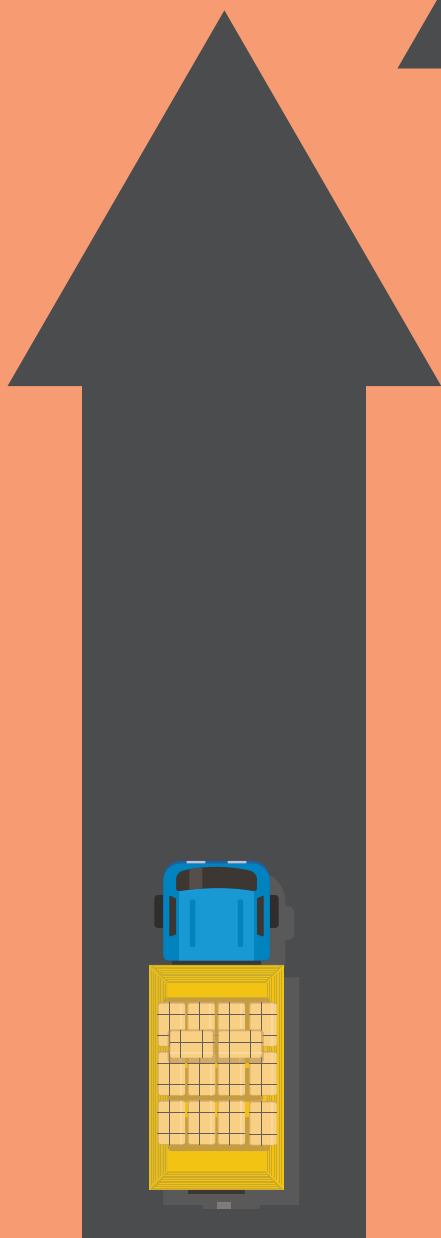
Fast tracking National Highway development in Odisha

NH + IN PRINCIPLE NH
LENGTH UPTO YEAR 2018

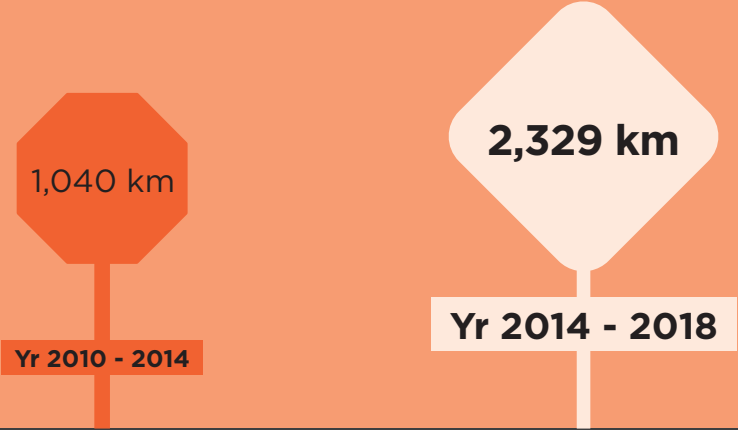
6,968 km

NH LENGTH
UPTO YEAR 2014

4,639 km



Adding new National Highways in Odisha

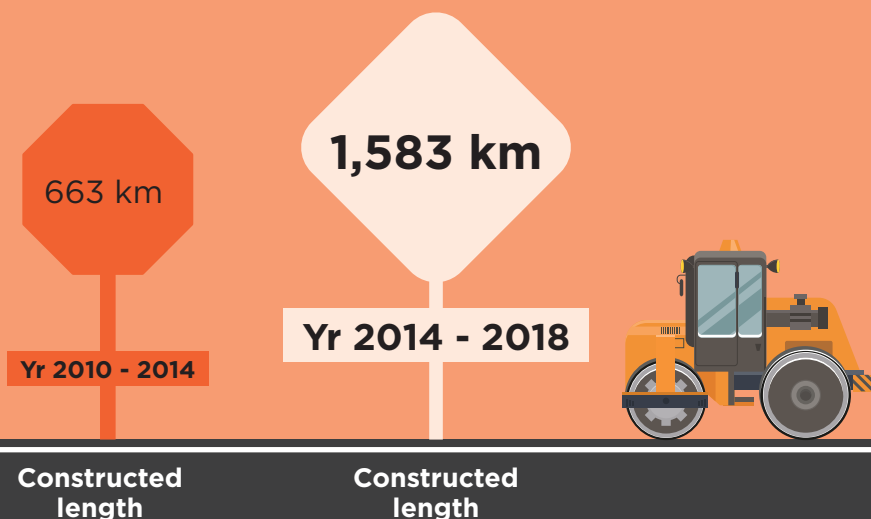


New NH

New & In principle NH length



Construction of roads in Odisha



1,583 km of National Highways have been built in 4 years



Road Projects awarded in Odisha

Yr 2010 - 2014

2,439.62 km

Total Cost
Rs. 9,999 Cr

Yr 2014 - 2018

2,894 km

Total Cost
Rs. 18,878 Cr



Growth of **89%** in the awarded cost of road projects over last 4 years with investments worth **Rs. 18,878 Cr**



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

Yr 2010 - 2014



Total Cost
Rs. 365.81 Cr

Yr 2014 - 2018



Total Cost
Rs. 1,253.23 Cr



Significant increase of **242%** in cost of CRF works sanctioned for the upgradation & improvement of roads & bridges in the State



Landmark Projects in Odisha



Bhubaneswar – Chandikhol

The project involves upgradation of Bhubaneswar-Chandikhol section of NH-16 to 6 lanes with paved shoulders. Part of the “Golden Quadrilateral” connecting Kolkata with Chennai, this section takes off from Bhubaneswar, the capital of Odisha and runs through the silver city of Cuttack. The Project road spans through three districts viz. Khurda, Cuttack and Jajpur. The project will lead to the creation of a network of stronger, all weather Highways in Odisha.

At a Glance

67 km total length	10 flyovers
Rs. 1,047 Cr total project cost	30 Vehicle Underpass & Pedestrian Underpass
5 major bridges	
12 minor bridges	

Benefits

- Will result in smooth and safe traffic movement
- Will reduce Vehicle Operating Cost (VOC) and travel time resulting in greater gains for commuters
- Additional grade separators and service road on either side of main carriageway will reduce accidents, ensuring safer movement of traffic
- Will lead to economic growth for the people of this region
- Will promote interstate goods and passenger movement



Cuttack-Angul-Sambalpur

Work is in progress for 4-laning of road on the Cuttack-Angul-Sambalpur Section of NH-42. This route connects the coal and industrial hub of Angul- Talcher with NH-5 on one side and NH-6 on the other.

At a Glance

275 km Project length

Industrial Corridor linking Eastern Coastal and Western Odisha

Benefits

- Will accelerate movement for mining and industrial traffic
- Will ensure uninterrupted connectivity to the ports of Paradip, Dhamra and Gopalpur on the Eastern coast of Odisha
- Will enhance the socio economic conditions of the area
- Will boost cultural and tourism in Western Odisha

Baharagora - Sambalpur

NH-6 (New NH-53 & 49) connects the Western and Eastern parts of the country, traversing through Gujarat, Maharashtra, Chhattisgarh, Odisha, Jharkhand and West Bengal. It is a very important corridor catering to interstate traffic, carrying various industrial products apart from the local mining traffic.

4 laning of Baharagora-Sambalpur section will significantly decongest traffic along this route.

Benefits

- Will ensure faster movement of vehicles
- Greater relief for road users, particularly, the traffic from Kolkata to Raipur and further to Maharashtra and Gujarat
- Will fast track interstate passenger and freight movement between the States
- Will enhance socio-economic conditions of the people
- Will ensure greater savings of fuel consumption
- Will reduce wear and tear of vehicles, travel time, accidents etc.
- Will enhance the industrial and mining activities in backward regions
- Will boost tourism

Birmitrapur – Barkote

4 laning of Birmitrapur-Barkote section of NH-23 is in progress. This route connects Ranchi to Rourkela, the pre-eminent steel city of Odisha and goes further up to Angul-Talcher belt, the coal, power and industrial hub.

The corridor crosses NH-6 (New NH No. 49) at Barkote. The project is a vital link to the mineral rich belt of Sundargarh district. It passes through Birmitrapur, Kuarmunda and Rourkela, which has been identified as smart city by MoUD. The stretch also connect many important tourist destinations in this region.

Benefits

- Will decongest traffic on the existing Brahmani Bridge near Panposh, opening it to passenger thoroughfare
- Will result in safer, comfortable and faster journeys
- Will create great relief for the mining and industrial vehicles which export goods and materials through the ports of Paradip and Dhamra
- Will enhance mining and industrial activities in Sundargarh district, which is home to many tribal communities
- Will create new jobs and improve socio-economic conditions for the people of this region
- Will reduce travel time, resulting in greater fuel savings
- Will reduced wear and tear of vehicles and road fatalities
- Will boost tourism in the region



Chandikhol – Balasore

NH-16 (old NH-5) connects Kolkata to Chennai, traversing through West Bengal, Odisha, Andhra Pradesh and Tamil Nadu. Part of Golden Quadrilateral, it serves as a key economic corridor along the Eastern coast, catering to interstate traffic carrying manufactured goods, agricultural & industrial products and the local mining traffic.

The stretch is being upgraded to 6 lanes in two packages from Balasore to Bhadrak and Bhadrak to Chandikhol.

Benefits

- Will ensure smooth and safe traffic flow
- Will result in greater gains by reducing Vehicle Operating Cost (VOC) and travel time
- Additional grade separators and service road on either side of main carriageway will reduce accidents
- Will create socio-economic growth for the people and this region
- Will improve interstate logistics and passenger movement



Bhubaneswar-Puri

4-laning of Bhubaneswar-Puri Section of NH-203 (New NH-316) has been completed in 2017.

At a glance

67.25 km length of project

4 lane ROB

Rs. 500.29 Cr total project cost

2 Vehicular Underpasses

4 Bypasses

1 Toll plaza

Major Bridge with **4** lanes

10 Bus Bays

2 Minor Bridges of **2** lanes each

2 Truck laybys

Bhojpur- Chhatabar

The Bhojpur Chhatabar section has been proposed to be upgraded to 2 lanes with paved shoulders.

The project road connects Kuchinda-Deogarh via Bhojpur, Deorah -Riamal-Chhatabar, going further up to Talcher and Angul.

Predominantly an agricultural stretch, this region needed effective modes of communication and public services. Providing an efficient means of connectivity was an imperative.

The proposed project will improve connectivity to this region, leading to socio-economic growth of the people.

At a glance

61 km length of project

Rs. 251.92 Cr total cost

3 Major Bridges

Benefits

- Will improve connectivity
- Will generate new employment opportunities for people
- Will improve avenues of trade and industrial growth

Nabarangpur - Koksara

The Nabarangpur - Koksara Section of NH-201 has been strengthened and upgraded to 2 lanes with paved shoulders.

NH-201, the lifeline of this naxal prone region was in need of massive upgrade. The newly constructed road has given a boost to economic activity and created new employment opportunities for the people of this region.

At a glance

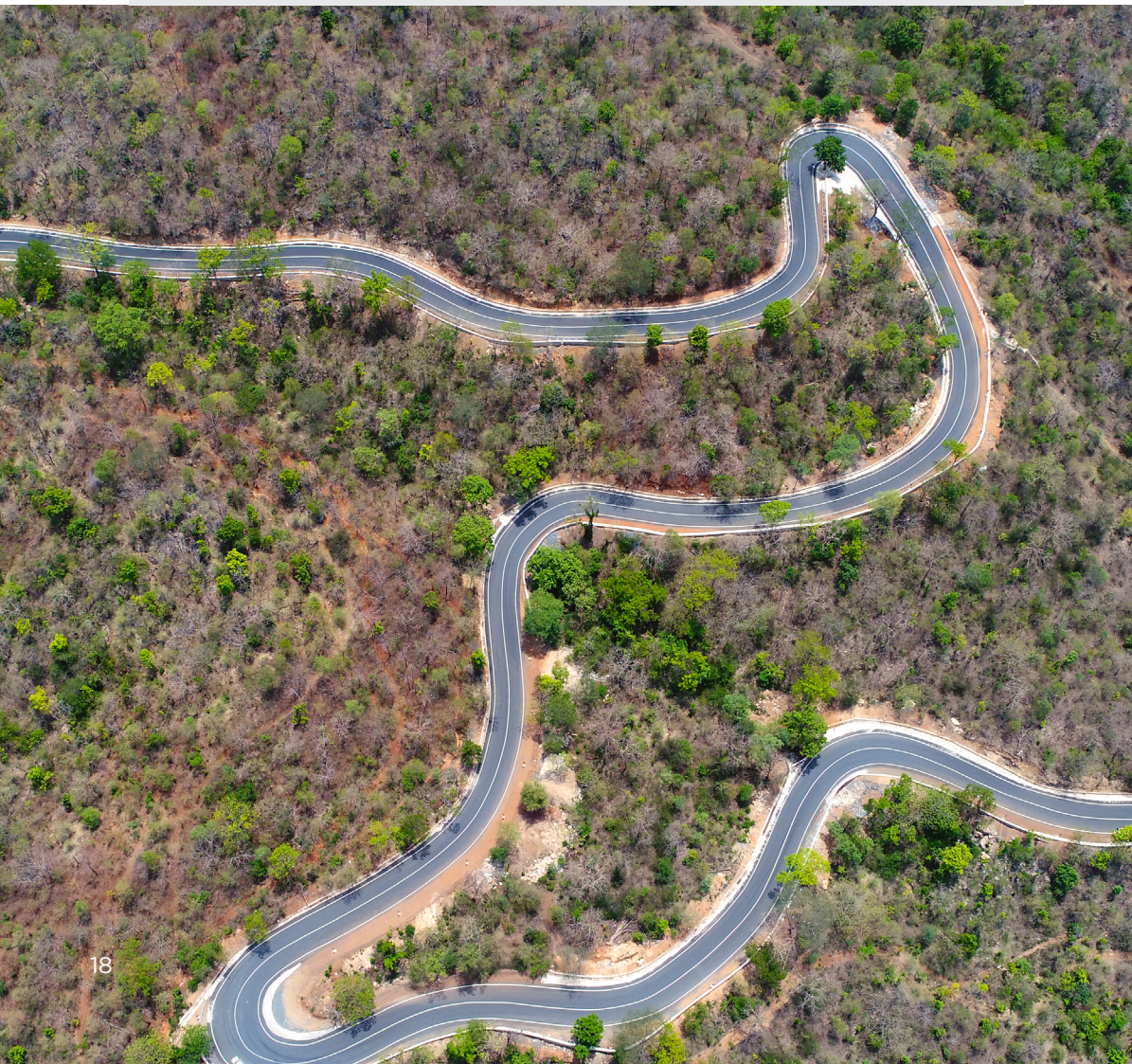
55.276 km total length

2 Major bridges

Rs. 265.35 Cr total cost

13 Minor bridges

51 Traffic Diversions



Kanaktora - Jharsuguda

The Kanaktora - Jharsuguda Section of NH-49, is being upgraded to 2 lanes with paved shoulders. The project includes construction of the Belpahar bypass.

Part of the Raigarh-Belpahar-Jharsuguda stretch on NH-49, the most vital link between Chhattisgarh and West Odisha, this road connects Jharsuguda, to Rourkela, the steel city. It is also an important link between Sambalpur-Jharsuguda-Rourkela stretch of SH-10.

The project stretch traverses through Belpahar and Gandhi Chowk in Odisha and Chhattisgarh. It passes through the commercial city of Lakhanpur, transporting coal and mining traffic to Vedanta.

At a glance

66.9 km total length

13 Minor Bridges

Rs. 194.5 Cr total cost

ROB

Bypass at Belpahar

Toll Plaza

2 Major Bridges

Benefits

- Will serve as a key industrial corridor
- Will open avenues to socio economic growth
- Will create new job opportunities for people



Mandal Padar-Baliguda

The Mandal Padar-Baliguda section of new NH-59 is being widened to 2 lanes with paved shoulders.

At a glance

55 km length of project **106** minor junctions

Rs. 237.6 Cr total cost **3** major Bridges

1 major junction **7** minor Bridges





Chandili-Borigumma

The Chandili-Borigumma section is being widened to 2 lane with paved shoulders.

At a glance

41.055 km length
of project

Landscaping and tree
plantation

Rs. 77.35 Cr total cost

Way side amenities

2 Major bridges

Rainwater harvesting

9 Minor bridges

4 Bus Bays

Vijaywada Ranchi Corridor

The Vijayawada Ranchi Corridor on NH-326 in Odisha is being widened to 2 lanes.

At a glance

86 km total length

Rs. 199 Cr total cost

Benefits

- Will create a strong road network between tribal areas and urban areas in Odisha
- Will provide access to Andhra Pradesh, Chhattisgarh and Jharkhand
- Will serve the strategic needs of the nation by facilitating movement of troops in naxal affected areas



Coastal Highway under Bharatmala Pariyojana

A Coastal Highway has been proposed under the Bharatmala Pariyojana in Odisha. The project, being undertaken by NHAI will start from Gopalpur in South Odisha and terminate at Digha, a popular tourist destination in West Bengal.

The proposed Highway will pass through 6 districts in Odisha i.e. Ganjam, Puri, Jagatsinghpur, Kendrapara, Bhadrak, Balasore and East Medinipur district in West Bengal.

As a key economic corridor, it will seamlessly connect important centres of trade and tourism such as the Gopalpur Port, Satapada, Konark, Astaranga, Paradip Port, Satabhaya, Dhamra, Basudevpur, Talapada, Chandipur, Chandaneswar and Digha.

At a glance

415 km estimated length

37 Major bridges

130 Minor bridges

5 ROBs

Benefits

- Will bolster economy in coastal pockets of Odisha
- Will boost tourism
- Will pave the way for alternative economic opportunities for people in these areas
- Will play a vital role in handling rescue and relief operations in case of natural disasters

Ongoing projects of MoRTH in Odisha

Sl. No.	Lok sabha constituency	Project Name	NH No (New)	Sanctioned Cost / TPC (Rs. Cr)	Total Length in km	Start Date	Likely date of completion
1	Kalahandi	Widening and strengthening of existing single lane to 2 lane with paved shoulder	59	50	192	Jun-14	Apr-16
2	Kalahandi	Construction of 2 lane with paved shoulder including 4 lane with drain at Naupada town	353	25	51	Sep-15	Nov-17
3	Kandhamal	Widening and strengthening to 2 lane with paved shoulder	59	55	327	Oct-15	Apr-18
4	Kalahandi	Widening and strengthening to 2 lane with paved shoulder	26	29	96	Sep-15	Sep-17
5	Dhenkanal & Sambalpur	Widening and strengthening of existing single lane to 2 lane with paved shoulder	53	51	240	Oct-15	Oct-17
6	Kandhamala	Widening to 2 lane with 1.5m wide paved shoulder and strengthening of Bolangir-Khurda Section	57	62	226	Oct-15	Oct-17
7	Koraput.	Widening to 2 lane with 1.5m wide paved shoulder and strengthening	326	30	114	Feb-15	Jan-17
8	Bolangir & Sonepur	Widening existing intermediate/ double lane to 2 lane with 1.5 m wide paved shoulder of Bolangir-Sonepur section	57	46	157	Nov-16	Nov-18
9	Dhenkanal	Rehabilitation and upgradation of Pallahara-Pitiri section to 2 lanes with paved shoulders	149	68	342	Jan-15	Jan-17
10	Malkangiri	Widening to 2-lane and improvement of Chitrakonda Janvai-Papermetla road	State Road	29.5	39	Feb-11	Jan-13
11	Malkangiri	Widening to 2-Lane and improvement of Govindipali Salimi-Chakabhuka road including bridge across Chakabhuka Nallah	State Road	46	81	Sep-11	-
12	Koraput & Malkangiri	Widening to 2- lane of Koraput-Malkangiri section on Vijayawada- Ranchi route	326	86	277	Nov-15	Nov-17
13	Koraput	Widening to 2-lane and improvement of Koraput-Laxmipur- Rayagada road) (SH-4) on Vijayawada- Ranchi route	326	71	229	Feb-15	Jan-17
14	Koraput & Berhampur	Widening 2-lane and improvement of of Koraput-Paralakhemundi road (SH-4) and Berhampur- Taptapani-Rayagada road (SH-17) on Vijayawada- Ranchi corridor	State Road	94	191	Aug-12	Aug-15
15	Boudh, Sambalpur & deogarh	Widening to 2-lane of Boudha-Kiakata- Rairakhol road, Nakeduli-Anuli road and Aunli bridge with approaches on Vijayawada- Ranchi Corridor	State Road	67	129	Sep-12	Sep-15
16	Deogarh & Keonjhar	Construction of 2-lane road from Tatakaposi to Deogarh including Gohira bridge and Patana Bypass on Dhenkikote-Saharapada road (SH-49) under Vijayawada- Ranchi Corridor	State Road	50	121.58	Dec-12	Dec-15

Ongoing projects of MoRTH in Odisha

Sl. No.	Lok sabha constituency	Project Name	NH No (New)	Sanctioned Cost / TPC (Rs. Cr)	Total Length in km	Start Date	Likely date of completion
17	Sambalpur	Rehabilitation and Upgrading to 2 lanes with paved shoulders and strengthening of Bhojpur - Chhatabar section	49 & 53	61	252	Dec-15	Dec-17
18	Nabarangpur & Kalahandi	Rehabilitation and upgrading to 2 lane with paved shoulders of Nabarangpur-Koksara Section	26	55	265	Feb-15	Jan-18
19	Kalahandi	Rehabilitation and upgrading to 2 lanes with paved shoulder of Nuapada-Bango Munda Section	59 & 353	68	176	Jun-14	Nov-16
20	Koraput & Nabarangpur	Widening to 2 lanes with paved shoulder of Chandili - Borigumma section including Kotpad Bypass	63	41	120.1	Aug-17	-
21	Sambalpur	Widening to 2 lanes with paved shoulder of Naktideuli-Rairakhol-Boudh section	153B	58.1	207	-	-
22	Puri & Bhubaneswar	Widening to 2 lanes with paved shoulder of Nayagarh-Khurda excluding Khurda bypass	57	54	223	-	-
23	Kandhamal	Widening to 2 lanes with paved shoulder of Sonepur-Madhapur section including Boudh bypass	57	90	296	Feb-17	Feb-19
24	kandhamal	Widening to 2 lanes with paved shoulder of Charichhak-Bhanja Nagar section excluding Kalinga Ghat	157	107	288	Feb-17	-
25	Keonjhar	Widening to 2 lanes with paved shoulder of Saharapada -Dhenkikote excluding Patna Bypass	220	29	63	Feb-17	-
26	Kalahandi	Construction of Major Bridge over river Mudra	26	-	8	May-014	Mar-17
27	Kalahandi	Widening to 2-Lane with paved shoulder of Bhawanipatna-Koksara section	26	58	165	Jan-16	Nov-18
28	Bolangir	Reconstruction of Bridges on NH-59 Bolangir section	59	-	16	-	Oct-18
29	Baripada	Widening to 2 lane with 1.5m paved shoulder with strengthening of Baripada section	220	35	93	Aug-16	Aug-18
30	Berhampur	Construction of 4 lane ROB including viaduct & approaches between Gopalpur Port & Chhatarpur	516	-	94	-	-
31	Berhampur	Construction of ROB and its approaches in lieu of existing unmanned level crossing at km 1.30 on NH-217 (new NH-516)	516	-	70	-	-
32	Kalahandi	Construction of ROB and approaches in lieu of existing level crossing No. RV71 at km 435 on NH-217	59	-	104	-	-
33	Kalahandi	Construction of ROB and approaches in lieu of existing level crossing No. RV168 at km 176 on NH-201	26	-	206	-	-



National Highways Authority of India

Ongoing NHAI projects in Odisha

Sl. No.	Lok Sabha Constituency	Project Stretch	NH No.	Project Cost (Rs. Cr)	Length in km	Start Date	Likely date of completion
1	Balasore, Mayurbhanj	Jharpokharia - Baripada - Baleshwar section	5	700	80.6	Jan-17	Jul-19
2	Jajpur, Bhadrak	Chandikhole-Bhadrak section	5	1522	75	appointed date pending	-
3	Bhadrak, Baleshwar	Bhadrak-Baleshwar section	5 (New NH 16)	999	63	appointed date pending	-
4	Mayurbhanj, Jimeshedpur	Baharagora - Singhara section	6	744	111.6	Oct-17	Apr-20
5	Bhubaneswar, Berhampur, Aska	Puintola-Tangi section	16 (Old 5)	505.22	71	appointed date pending	-
6	Bhubaneswar, Puri	Tangi-Bhubaneswar section	16 (Old 5)	806.11	59	appointed date pending	-
7	Puri	Balance Work of 4-Laning Puri Bypass Road of Bhubaneswar-Puri section	316	52	11	Apr-18	-
8	Bhubaneswar, Cuttack, Jajpur	Chandikhol-Jagatpur-Bhubaneswar section	5	1047	67	Dec-11	Jun-18
9	Bhubaneswar	Khandagiri Chowk Grade Separator	NH-5 new NH-16	73.29	2.3	appointed date pending	-
10	Dhenkanal	Talcher to end of Kamakhyanagar Bypass	23 (New NH 149) & 200 (New NH 53)	503.3	42	appointed date pending	-
11	Cuttack, Dhenkanal	Cuttack-Angul section (Pkg-I)	42	583	60	Jan-18	-
12	Dhenkanal	Cuttack Angul section (Pkg-II)	42	529	52	Mar-18	-
13	Dhenkanal Jajpur	Kamakhyanagar Bypass-Duburi	53	479.27	51	appointed date pending	-
14	Jajpur	Duburi-Chandikhole section	53 (Old NH 200)	577	39	appointed date pending	-
15	Jajpur, Keonjhar	Panikholi-Rimoli section	215	1410	163	May-13	May-18
16	Keonjhar	Singhara - Binjabahal section	6	1097	103.79	appointed date pending	-
17	Sambalpur, Dhenkanal	Binjabahal - Telebani section	6	1161	78.31	Jan-18	Jul-20
18	Sundargarh	Biramitrapur - Brahmani section	143	389.86	29.1	appointed date pending	-
19	Sundargarh	Brahmani Bypass-Rajmunda section	143 (old 23)	366.56	47	appointed date pending	-
20	Keonjhar, Sundargarh	Rimuli-Koida section	215 (New NH 520)	540	43	appointed date pending	-
21	Sundargarh,	Koida- Rajamunda section (Pkg-II)	215 (New NH 520)	843.43	53	appointed date pending	-
22	Sundargarh, Sambalpur	Rajamunda-Barkote section	23	394	50	appointed date pending	-
23	Dhenkanal, Sambalpur	Angul - Sambalpur section	42	1255	153	Mar-17	Aug-19
24	Sambalpur	Talebani -Sambalpur section	6	752	50.74	May-17	Nov-19

In-Principle declared NH in Odisha

Sl. No.	Stretch	Tentative Length (km) As on 30/11/2017
1	Palsa - Parlakhemundi-Ramanaguda-Bissamcuttak-Muniguda-Bhabanipatna-Kharial-Bangomunda-Patnagarh-Padmapur-Odisha / Chhattisgarh Border- Junction with NH- 6 in Chattisgarh	359.00
2	Naranpur (kheonjhar)-Kaliahata-Kankadahada-Kamakhyanagar	100.00
3	Junction with NH-5A (new NH 53) near Kndrapara-Chandbali-Dharma-Junction of NH-5 (GQ) (New NH-16) near Bhadrak	110.00
4	Badakera (Angul)-Hindol- Ganja-Daspallah-Bhanjanagar	120.00
5	Junction of NH-5 (GQ) (New NH No. 16) near Jankia-Chandanpur	40.00
6	Balangir-Patnagarh-Harishankar-Nrusinghnath-Paikamal-Nuaparha	130.00
7	Bhubaneswar- Athgarh- Samarpur- Majdherpur (Mahidharpur)	115.00
8	Digapahandi (at NH- 326) - Haridakhandi (on NH-59)	25.00
9	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)	77.00
10	Khalikote - Kodala- Budhamba- Boirani- Koinphulia- Aska	52.00
11	Sohela-Bijepur-Barpali-Naikenpali-Binka-Sardhanpali-Sonepur	84.00
12	Chakradharpur- Sonua-Goelkera- Manoharpur-Jaraikela - upto Dhabaleswar on NH-143 (Length in Jharkhand =106 Km, Odisha = 36 Km)	36.00
13	Hatgamahria-Balandia-Majhiaon-Benisagar upto junction with NH-49 near Singada (Length in Jharkhand =58 Km, Odisha = 7 Km)	7.00
	Sub Total	1,255.00
14	Sambalpur Bypass	9.50
15	Cuttack - Kandarpur	14.10
16	Kandarpur - Tarapur	23.30
17	Tarapur - Kandhatari	5.40
18	Kandhatari-Junction With Nh-53	34.00
19	Kainsir - Jharsuguda	46.50
20	Jharsuguda - Kerai	28.00
21	Karei-Sundargarh	7.00
22	Litibeda - Joram	35.30
	Sub Total	203.10
23	Anandpur on NH-20-Satkosia-Thakumunda-Kaplipada-Udala-Baripada on NH-18 (Satkosia)	141.00
24	Khordha (NH-57) -Chandka- Cuttack	37.00
25	Baleswar on NH-18 extend to Chandipur	11.00
26	Sundargarh-Ujalpur-Sarapgarh-Tildega-Konpara-Bagbahar-Ludang on NH-43. (Total Length= 146 km; Odisha= 102 km; Chhatisgarh= 44)	102.00
27	Malkangiri on NH 326- Chintapalle- Narsipattanam- Waddadi-Chodavaram- Sabbavaram (Total length=233 km; Andhra Pradesh= 165 km; Odisha= 68 km)	68.00
	Sub Total	359.00
	Total	1,817.10

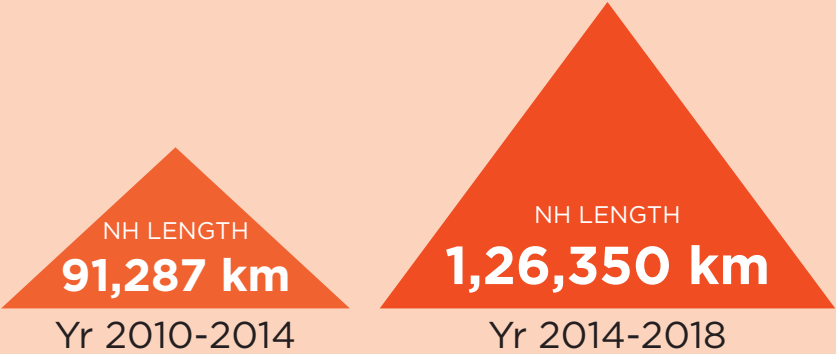
Key Indian National Highways



National Highways - India Story

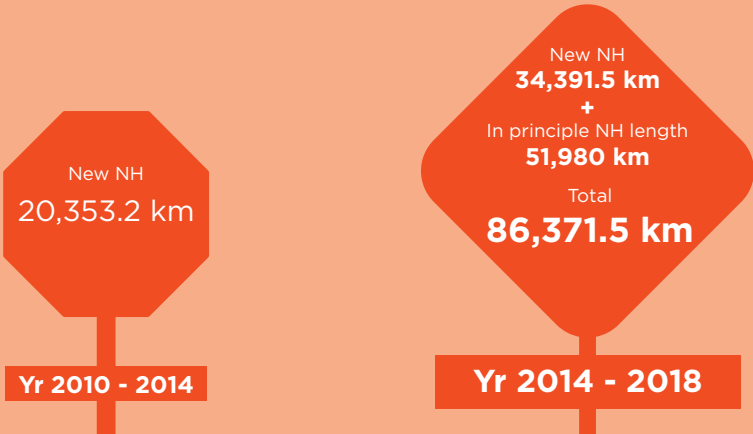
Fast tracking National Highway Development

Building National Highways A new Pace of Progress



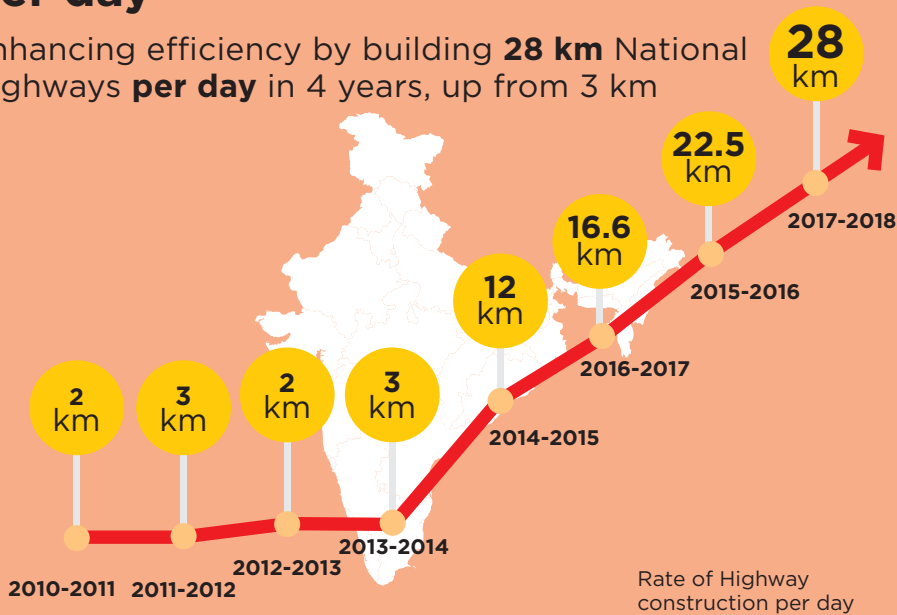
New National Highways being built

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



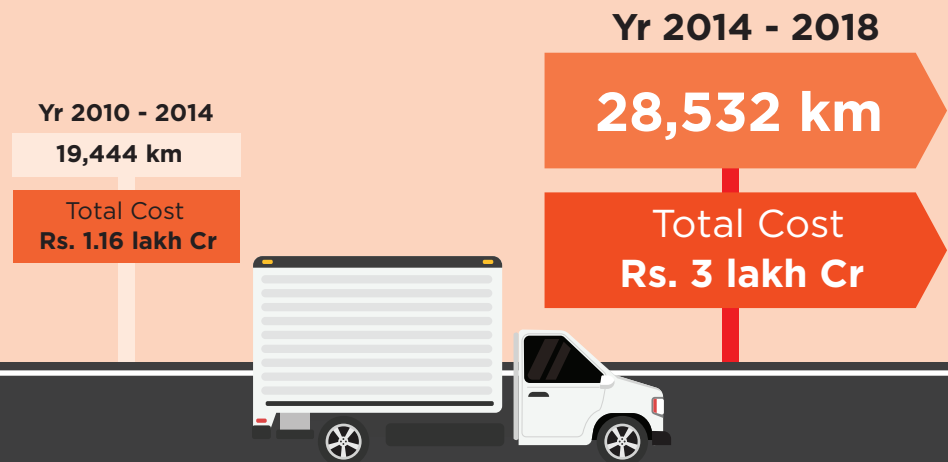
Adding more National Highways per day

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

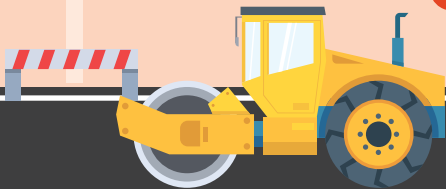
935
Projects

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



www.nitingadkari.org



www.facebook.com/ningadkary



www.twitter.com/nitin_gadkari