



Ministry of Road Transport & Highways
Government of India



National Highways Authority of India



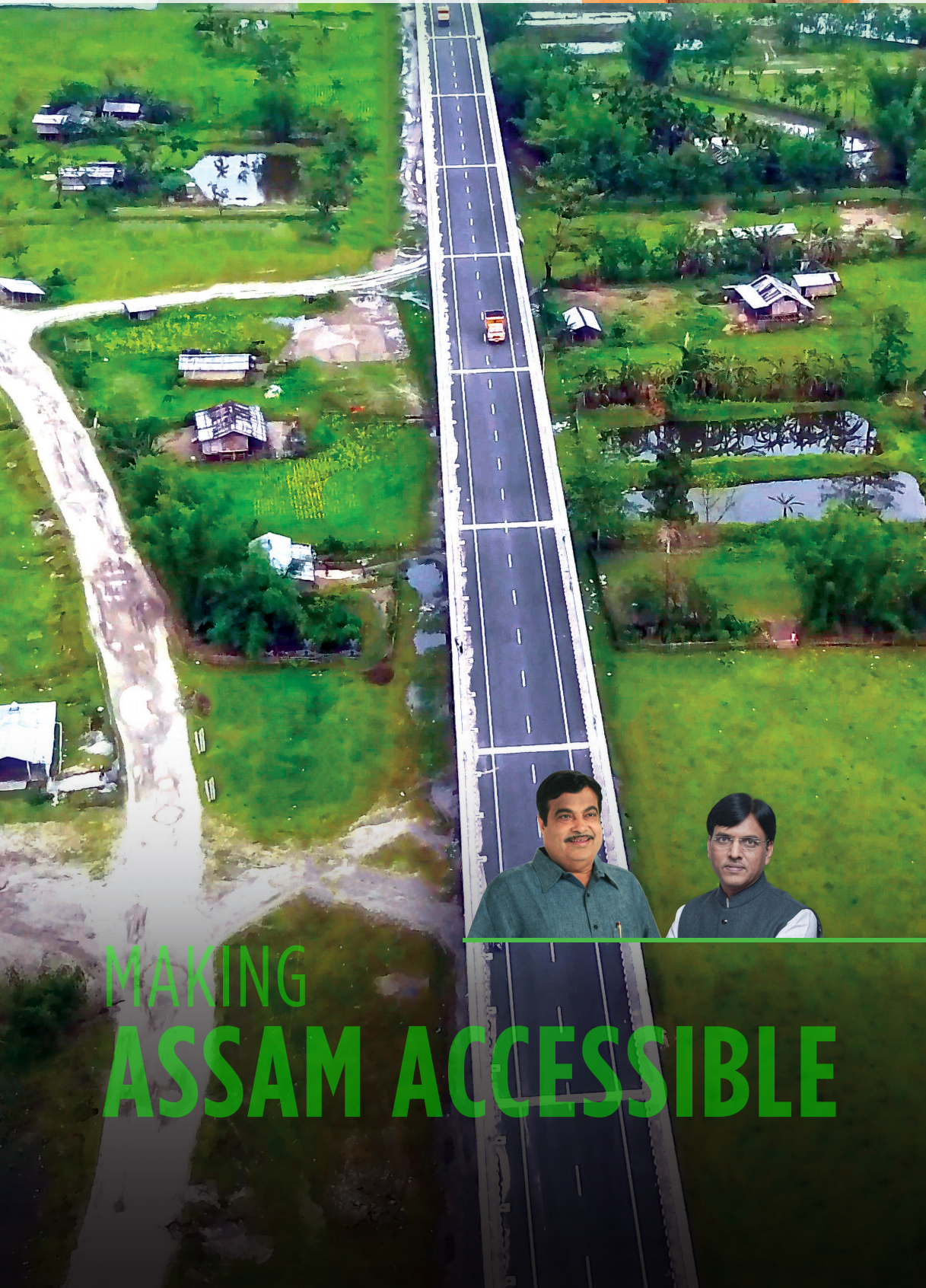
BHARATMALA
ROAD TO PROSPERITY



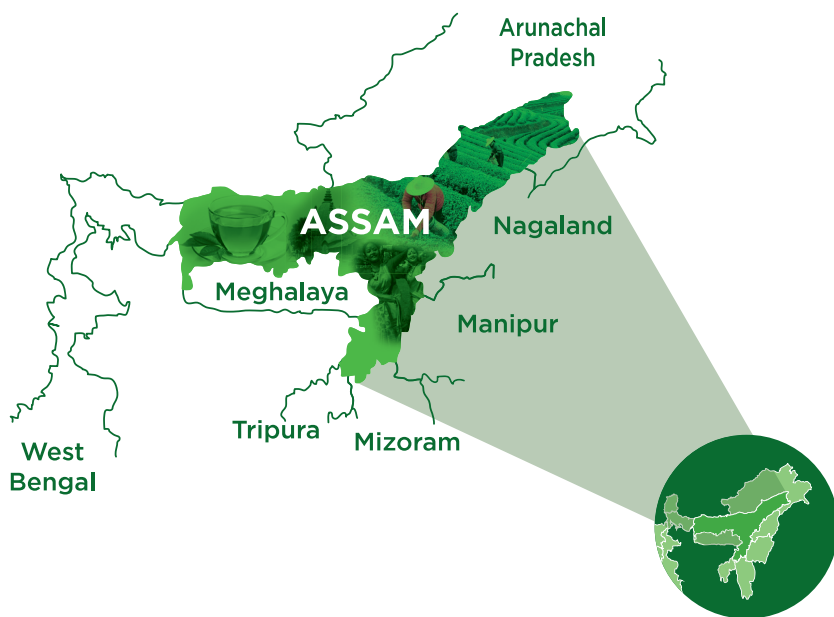
BUILDING INFRASTRUCTURE - BUILDING THE NATION



PRAGATI KI NAYI GATI



MAKING ASSAM ACCESSIBLE



The Gateway to the North East, Assam has seen rapid progress in road infrastructure development since 2014. The length of National Highways in the State has reached 3,909 km in 2018. India's longest bridge, the 9.15 km long Bhupen Hazarika Setu worth Rs. 876 Cr across River Brahmaputra, connecting the Dhola and Sadiya ghats of Assam and Arunachal Pradesh was dedicated to the nation by Prime Minister Narendra Modi in May 2017.

Over 300 km of National Highways are being upgraded to 4 lanes, at a cost of over Rs. 10,000 Cr. With engineering marvel projects like Dhubri-Phulbari Bridge & Gohpur-Tumligarh over Brahmaputra being built, the State's economy is destined to fast track in coming years.



“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



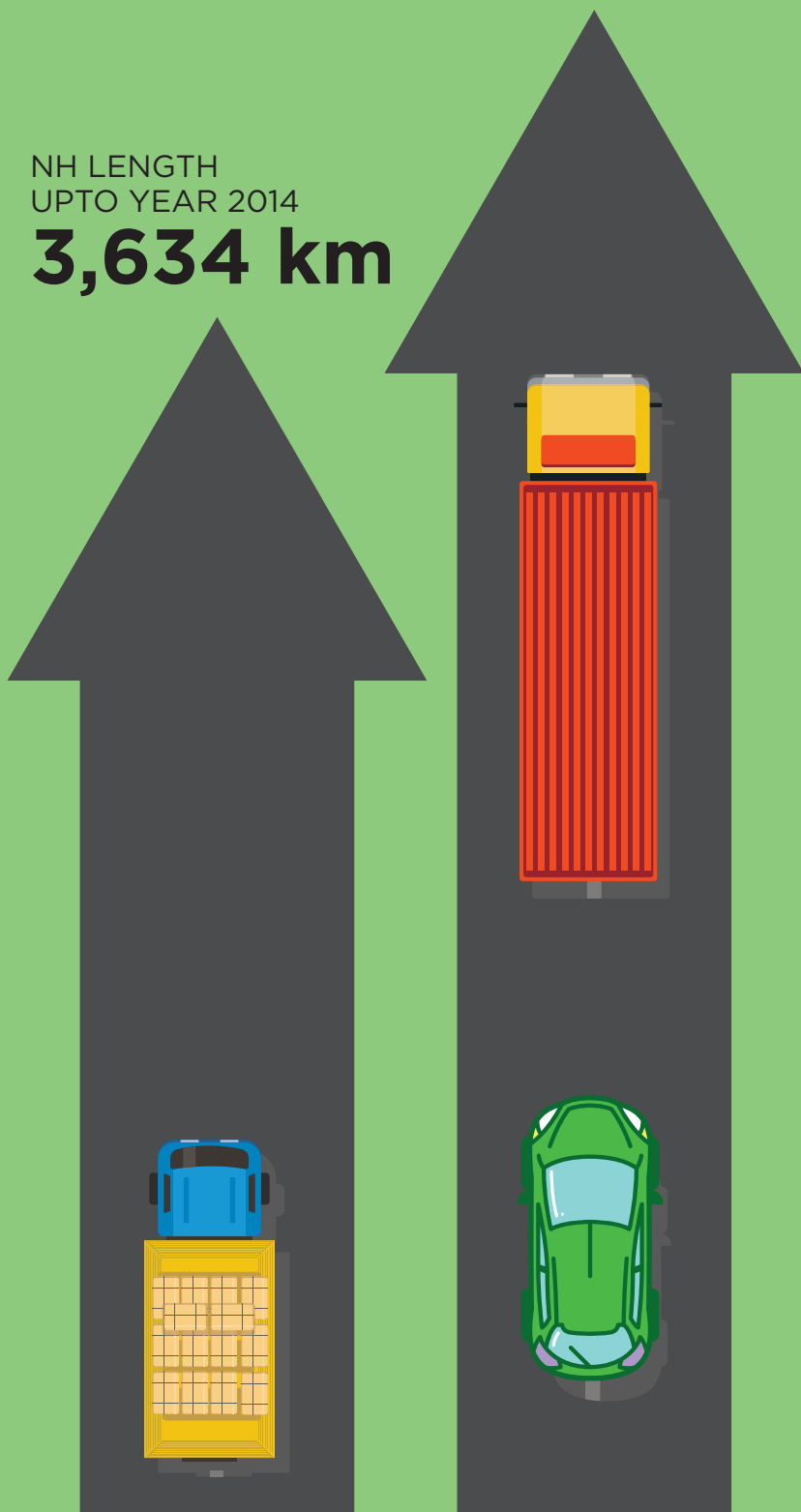
Fast tracking National Highway development in Assam

NH + IN PRINCIPLE NH LENGTH
UPTO YEAR 2018

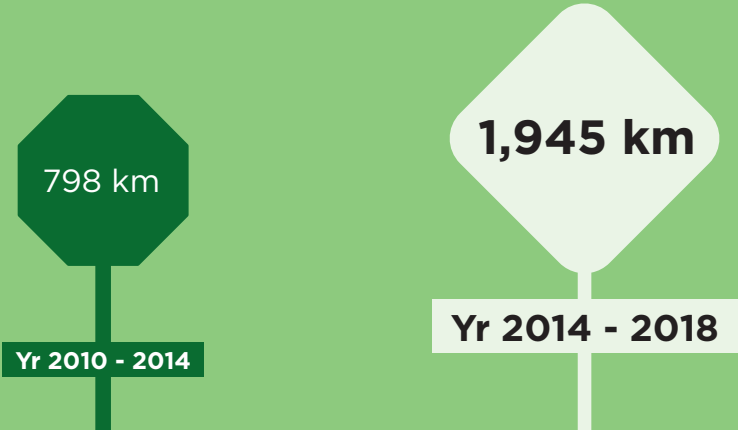
3,909 km

NH LENGTH
UPTO YEAR 2014

3,634 km



Adding new National Highways in Assam



New NH

New NH & In principle NH length



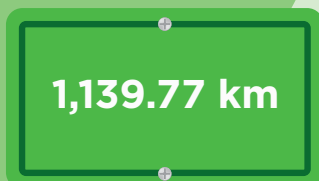
Road Projects awarded in Assam

Yr 2010 - 2014



Total Cost
Rs. 7,128.04 Cr

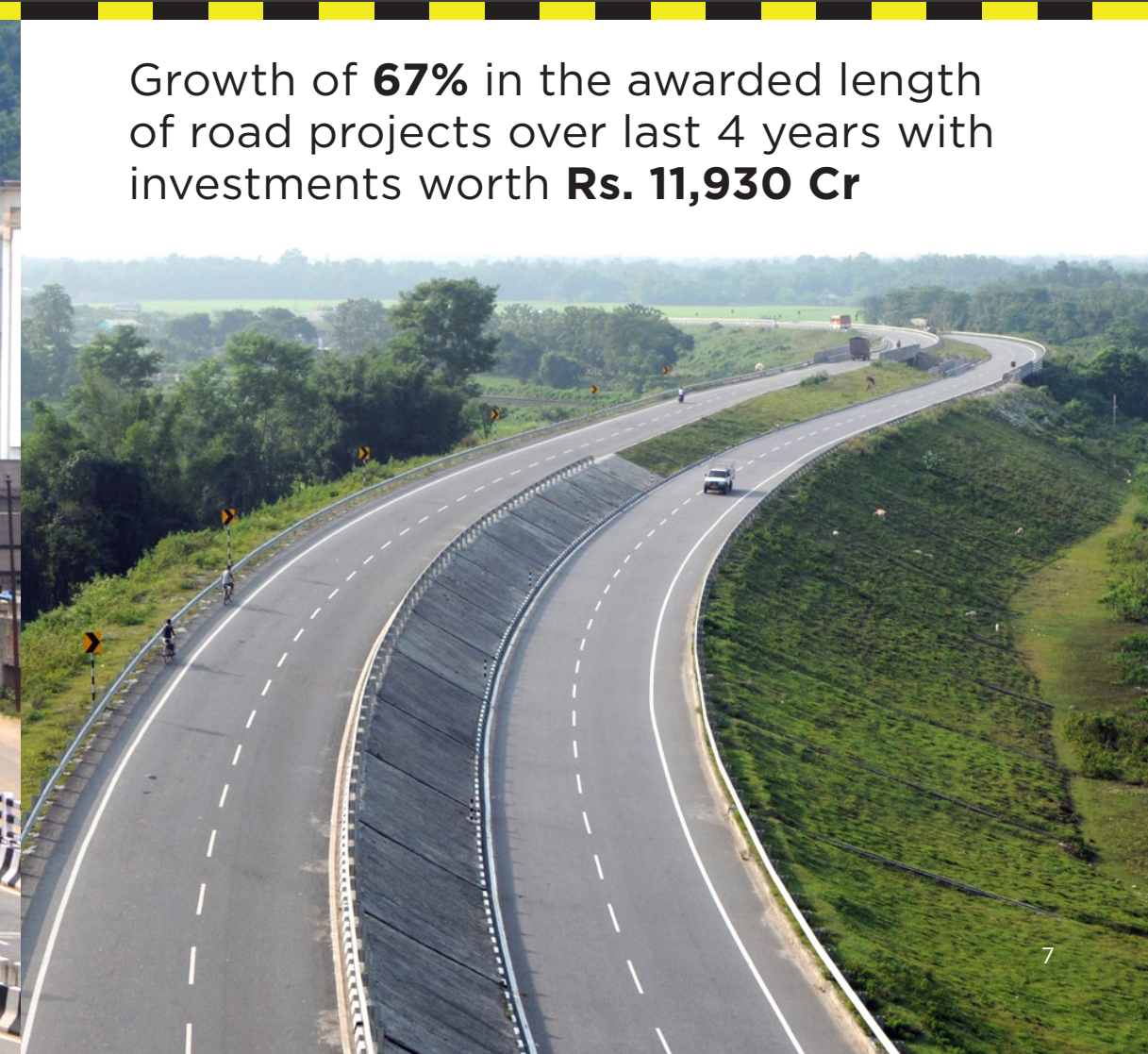
Yr 2014 - 2018



Total Cost
Rs. 11,930 Cr



Growth of **67%** in the awarded length of road projects over last 4 years with investments worth **Rs. 11,930 Cr**



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

Yr 2010 - 2014



Total Cost
Rs. 90.73 Cr

Yr 2014 - 2018



Total Cost
Rs. 950.34 Cr



Significant increase of **947%** in cost of CRF works sanctioned for the upgradation & improvement of roads / bridges in the State

Landmark Projects in Assam



Landmark Projects in Assam





Dhola Sadiya Setu

Bhupen Hazarika Setu **India's longest bridge**

The Bhupen Hazarika Setu, bridging Dhola and Sadiya Ghats on the river Lohit, a tributary of the Brahmaputra, is the longest bridge in India. The 9.15 km bridge connects the states of Assam and Arunachal Pradesh. The project, worth Rs. 876 Cr, has been completed and dedicated to the nation by Prime Minister Narendra Modi on 26th May 2017. Earlier, Kaliabomra Bridge in central Assam was the only bridge for transportation across the mighty river Brahmaputra. All transport across the river between the Assam and Arunachal Pradesh was via water only. The Dhola Sadiya Bridge project will enhance the entire transport system of North Assam. This project is also important for the Indian Military personnel stationed at the Indo-China border in Arunachal Pradesh.



At a Glance

9.15 km length of bridge	Upgrading to 2 lane with paved shoulder on Sadiya side
12.9 m width	of 12.065 km.
Rs. 876 Cr total cost	2 other Bridges of 60 m length on river Dhola and 35 m length on Bhandarkhal
Realignment of the existing road on Dhola side of 7.297 km	

Benefits

- Reduction in travel time of 165 km from 5.5 hours to 30 mins
- Decongesting traffic on the existing transport network
- Socio economic development
- Better supply chain management
- Enhanced production activities
- Fast tracked Investments
- Improved access to health and educational facilities
- Boost to the tourism industry
- Increased border trade between Arunachal and other ASEAN Countries



New Saraighat Bridge

The New Saraighat Bridge, inaugurated by Union Minister Nitin Gadkari in January 2017, is the first rail-cum-road bridge over the mighty Brahmaputra located near Guwahati in Assam. The 1.4 km long river bridge connects both banks of the Brahmaputra at Saraighat and has been built at a cost of Rs. 475 Cr.

Included in the project are a 47 km National Highway connecting Guwahati to Mangaldoi via Kuruwa, a new bridge across the Brahmaputra and a 27 km National Highway being built at Lowarpara in Karimganj district.

The Saraighat bridge has not only connected the Northeast with the rest of the country, but has also strengthened the bond among the North Eastern states.

At a Glance

1.4 km length

Rs. 475 Cr
total cost

47 km NH connecting
Guwahati-Mangaldoi

27 km NH at Lowarpara



National Highways Authority of India

Ongoing Projects of NHAI in Assam

Sl. No.	Lok Sabha Constituency	Project Name	NH No (New)	Project Cost (Rs. Cr)	Total Length in km	Date of Start	Likely date of completion
1	Kokrajhar	Balance work of AS-12 Package in Assam (Bijni-AS / WB Border)	27	123	2.4	Oct-17	-
2	Barpeta , Mangaldai & Kokrajhar	Nalbari to Bijni (AS-6)	31	195	25	Nov-05	Aug-18
3	Barpeta	Nalbari to Bijni (AS-7)	31	230	27.3	Oct-05	Dec-18
4	Guwahati	Brahmaputra Bridge (AS-28)	31	360.84	5	Oct-06	Jun-18
5	Guwahati	Dharamtul to Sonapur (AS-20)	37	149	22	Nov-05	May-18
6	Guwahati	Sonapur to Guwahati (AS-3)	37	167	19.1	Sep-05	May-18
7	Autonomous District	Maibong-Lumding section (AS-24)	27	280.13	15.45	Jan-11	Mar-18
8	Nagaon	Maibang to Lumding (AS-27)	54	199	21	Oct-06	Oct-18
9	Autonomous District	Maibang to Lumding (AS-26)	54	255	23	Jul-11	Sep-18
10	Autonomous District	Maibang to Lumding (AS-25)	54	373	28	Jan-11	Mar-19
11	Autonomous District	Harangajo to Maibang (AS-22)	54	497	24	Nov-11	Feb-19
12	Autonomous District	Harangajo to Maibang (AS-23)	54	480	16	Aug-06	May-18

Ongoing Projects of NHIDCL in Assam

Sl. No.	Lok Sabha Constituency	Project Name	NH No (New)	Project Cost (Rs. Cr)	Total Length in km	Date of Start	Likely date of completion
1	Tezpur	Four laning from Gohpur to Holongi section	NH52 & NH52A	168.4	10.08	Nov-15	Dec-19
2	Dibrugarh	Construction of Dibrugarh By Pass / realignment from Bogibeel Junction	37	96.8	15.45	Feb-15	Jan-18
3	Silchar	Two laning with paved shoulders of Silchar Badarpur section	53	77	4.8	Jan-15	Dec-17
4	Kaliabor	Four Laning of Numaligarh to Jorhat section except Dergaon bypass	NH37	454.89	39.72	May-15	May-18
5	Dibrugarh	Four Laning of Demow to End of Moran Bypass	37	294	27	Aug-16	Dec-19
6	Kaliabor	Four laning of Kaliabor Tinali road junction to Dolabari road junction including construction of new Brahmaputra bridge	37A	589	17.3	Nov-14	Nov-18
7	Tezpur	Four lane highway connecting NH 37A and NH 52 between Dolabari and Jamuguri	37A & 52	1049.5	18.81	Jan-17	Feb-20
8	Tezpur	Four Laning of Jamugurihat to end of Biswanath Chariali by-pass	15	520	26	Dec-16	Jun-19
9	Tezpur	Four laning from Biswanath Chariali to Gohpur	52	1099	57.5	Jan-16	Jan-19
10	Silchar	Four laning of Balachera-Harangajao section	54E	818.4	25	Dec-17	Jun-20
11	Nowgong	Four laning from end of Nagaon bypass to Rangagara	37	225	18	May-16	Nov-18
12	Kaliabor	Four laning from end of Rangagara to Kaliabor Tinali	37	290	18	Oct-17	Apr-20
13	Jorhat	Four laning of Jorhat to Jhanji	37	407	37.8	Jan-18	Dec-20
14	Jorhat	Four laning of Jhanji Junction to Demow section	37	1369	44.08	Jan-18	Jan-21

Ongoing Projects of MoRTH in Assam

Sl. No.	Lok Sabha Constituency	Project Name	NH No (New)	Project Cost (Rs. Cr)	Total Length in km	Date of Start	Likely date of completion
1	Lakhimpur	Widening and Strengthening from Dubia Jarani-Kakila Jaran Section	15	59.04	16	May-17	Oct-18
2	Barpeta	Construction of civil works for installation of weigh-in-motion cum automatic traffic counter cum classifier in Tulungia-Rakhaldubi Section	17	6.32	0.84	Mar-16	Dec-18
3	Silchar	Two laning with paved shoulders of Silchar - Jiribam & Gonta Gram-Jirighat Section.	37	52	14	May-14	Jul-18
4	Silchar	Construction of Silchar bypass	37	197	20	Feb-11	Dec-18
5	Silchar	Improvement, Raising and Widening to two lane with paved shoulder and new construction of diversion road of Silchar-Jiribam Road (Madhurapool Point-Kashipur Section)	37	28	5.3	Apr-17	Jul-18
6	Silchar	Widening from intermediate lane to two lane with paved shoulder and strengthening of Kanakpur-Saidpur section including construction of drains	306	22.3	6	Aug-16	Aug-18
7	Silchar	Widening & strengthening of Silchar-Jiribam Section	37	29	2.6	Oct-17	Dec-18
8	Silchar	Strengthening and Widening from Malidhar-silchar-karimganj border section	6	100.49	17.6	Nov-16	Dec-18
9	Silchar	Construction of Major Bridge over River Barak	53	43.23	0	Mar-12	Dec-18
10	Mangaldai,	Strengthening with paved shoulders of Narikoli Mandir-Patabari section	15	92.34	16.87	Sep-17	Mar-19
11	Mangaldai	Srenghthening with Two lane paved shoulders of Aulachowka-Kharupetia Section	15	49.5	17	May-16	Dec-18
12	Mangaldai, Tezpur	Srenghthening with paved shoulders of Rowta Pathar-Noorpur Jut Section	15	83	27	Oct-16	Dec-18
13	Lakhimpur	Construction of Northern Bank Approach from Kanduli Jol to Bogibeel including Rail cum Road Bridge near Dhemaji	52B	89.21	8	Jul-10	Dec-18
14	Dhubri	Rehabilitation of major permanent bridge over river Gangadhar under Abhayapuri Construction Division	17	4	0.48	Nov-15	Dec-18
15	Dhubri	Strengthening with paved shoulder in some of the stretches, including paved shoulder of Gauripur-Sreegram Pt.VI Section.	17	89.7	33.62	Feb-18	Aug-19
16	Dibrugarh	Construction of Southern Bank Approaches of Barbaruah-Bogibeel including Rail Cum Road Bridge near Dibrugarh	15	100.3	8.4	Aug-11	Dec-18
17	Dibrugarh, Jorhat	Two laning from Kanubari to start of Bogibeel Bridge Section	215	268	63.4	May-11	Jun-19
18	Dibrugarh	Construction of two lane Highway with paved shoulders of Dibrugarh - Panitola Section.	15	133	34.85	Dec-10	Dec-18
19	Karbi Anglong, Nagaon, Kokrajhar, Mangaldai	Two Laning of Lumding-Diphu-Manja Road, Haflong-Jatinga Road, Baska-Barama Road, Morigaon-Jagiroad Road, Kokrajhar-Karigaon Road and Udalguri-Route Road	715 (A)	470	146	Jul-11	Dec-18
20	Guwahati	Strengthening of existing 10m road pavement of Singra-Bamunigaon Camp Section.	17	24	16	Jun-16	Nov-18
21	Karimganj	Dhaleshwari Bypass	154	64.42	3.5	Oct-11	Dec-18

Ongoing Projects of MoRTH in Assam

Sl. No.	Lok Sabha Constituency	Project Name	NH No (New)	Project Cost (Rs. Cr)	Total Length in km	Date of Start	Likely date of completion
22	Karimganj	Katlicherra bypass	154	59.33	5	Oct-11	Dec-18
23	Guwahati	Construction of four lane Guwahati University bypass	17	58	6.3	Apr-10	Sep-18
24	Guwahati	Construction of RCC Bridge across OILs Petoleum pipelines ROW of Guwahati University Road-Kawaimari Gaon Section	37	6.22	0.03	Aug-15	Sep-18
25	Guwahati	Construction of longitudinal drains in Jalukbari-VIP Chowk Section.	17	32	9.42	Oct-16	Nov-18
26	Karimganj	Two laning with paved shoulder of Ratacherra - Churaibari section	8	118	31	Feb-11	Dec-18
27	Karimganj	Strengthening and widening of Srigouri-Solgoi section	8 & 37	191.67	35	Apr-17	Apr-19
28	Karimganj	Construction of two lane Patherkandi Bypass	44	74	9.22	May-16	Mar-19
29	Lakhimpur	Strengthening with paved shoulder including providing retaining walls breast walls, culverts and drains in selected stretches of Pthalipahar to harmoti to Banderdewa Section.	15	55.24	11	Jan-16	Sep-18
30	Lakhimpur	Construction of Proposed North Lakhimpur By-pass	15	127.24	13	Sep-12	Dec-18
31	Lakhimpur	Strengthening with paved shoulders of Doolahat Tiniali-KB Road , North Lakhimpur	15	49.45	15	May-17	Dec-18
32	Kaliabor	Strengthening the existing carriageway of Kanchanjuri-Golaghat Section.	715/127	16.39	12	Apr-16	Dec-18
33	Tezpur	Strengthening with paved shoulders of Dekachuburi-Jamugurihat Section.	15	89.39	25	May-17	Jan-19
34	Dibrugarh	Construction of two lane with paved shoulders of Tinsukia bypass	15	79	20.35	Jul-11	Nov-18
35	Dibrugarh	Makum Bypass	15	32	4.86	Jun-10	Dec-18
36	Dibrugarh	Development of Makum to Rupai Section	15	95	23.48	Aug-10	Dec-18
37	Lakhimpur	Development of Rupai to Talap Section	215	31	8.35	Feb-11	Nov-18
38	Lakhimpur	Construction of 12.90m wide bridge across Dhola and Sadia ghat along with connecting road from near about Dhola to Islampur Tiniali Section.	37	876	25.8	Jun-11	Dec-18
39	Dibrugarh	Strengthening of existing road and construction of paved shoulder of Forest Colony-Tingrai Bongali Gaon Section.	315	9	5	Mar-17	Dec-18
40	Dibrugarh	Strengthening of existing road , construction of paved shoulder & masonry drain in AT Rd, Hatigadhoi-Assomiya Gaon Section.	15	28.2	15	Mar-17	Oct-18
41	Lakhimpur	Strengthening of existing road & construction of masonry drain of 13 no line road-AT Road section, Saikhoa Ghat	15 & 115	34	18.36	Mar-17	Oct-18

In-Principle declared NH in Assam

Sl. No.	Stretch	Tentative Length (km) As on 30/11/2017
1	(Ramani Ali) Sinulagari- Bihubar (Assam) Upto Mon (Nagaland). (Length in Assam = 13 km and in Nagaland =71 km)	13.00
2	Junction of NH-15 - Goreswar- Khairabari- Bhergaon -Tangla - Junction with NH-715 A near Harishinga.	70.00
3	Junction with NH-15 near Lahoal (Dibrugarh District) - Duliajan junction with NH-315 A	35.00
4	Moran on NH-2 - junction with NH-215	18.00
5	Junction with NH-215 - upto junction with NH315 A near Naharkatia	35.00
6	Lanka (on NH-27)- Kheroni (on NH-627)	17.00
7	Junction of NH 627 near Baithalangso-Bichitur- Ulukunchi- Umpanai-Bhoirymbong on Shillong Bypass (Assam= 100 km; Meghalaya= 18 Km)	100.00
8	Narengi-Kuruwa-Dumunichawki (including from Changsari to Kuruwa)	47.00
9	Badarpurghat-Dullachua-Mantic Road via Anglabazar	150.00
10	Lowairpowa-Kunmum	27.00
11	Silchar-Hailakandi-Maanachera-Kanaibazar-Ramkrishna Nagar-Hasimganj	85.00
12	Silchar-Kalain Road	30.00
13	Laluk Bihupuria-Narayanpur	25.00
14	Kamalabari-Garmur-Jengrai-Haldibari-Tekeliphuta	50.00
15	Dudhnoi-Matia-Mornoi-Goalpara-Pancharatna	103.00
16	Lahowal-Bordubi-Tinsukia	48.00
17	Haldyanganj-Mankachar road	22.00
18	Agia-Medhipara-Lakhipur	32.00
19	Mangaldai-Bhutianhang-Changrang	62.00
20	Gogamukh-Ghiamara-Butikur-Telijan	57.00
21	Indo-Bhutan border-Musalpur-Tihu Chowk-Tihu-Makhibaha- Sarthebari-Kalitakuchi	110.00
22	Pathshala-Dubi-Helona-Bongaon-Rampur-Sarthebari	45.00
23	Tihu-Sarthebari-Nagaon	50.00
24	Sonari-Mahmora-Moran	31.00
25	Baihata-Goreswar-Udaguri	50.00
26	Moran-Naharkatia Road	56.00
27	Lahowal- Naharkatia Road	47.85
28	Duliajan Digboi road	34.15
29	Digboi Pengeri Bordumsa road	34.24
31	Margherita Pengeri Phiobari Doondoma road	56.76
32	(Dhodar Ali Road) Junction with NH-129 near Golaghat- Mariani- Amguri- Simaluguri	110.00
33	Junction of NH-215 near Sapekhati- Namrup- Upto junction of NH-315 A near Joypur	32.00
34	Disangmukh (Sibasagar Distt.)- Tekeliphuta (Dhakuakhana)- Lakhimpur- Kamalbari (Majuli)- Jorhat	121.00
36	Barpeta Manas Road on NH-31 to Manas (Bhutan Border)	32.00

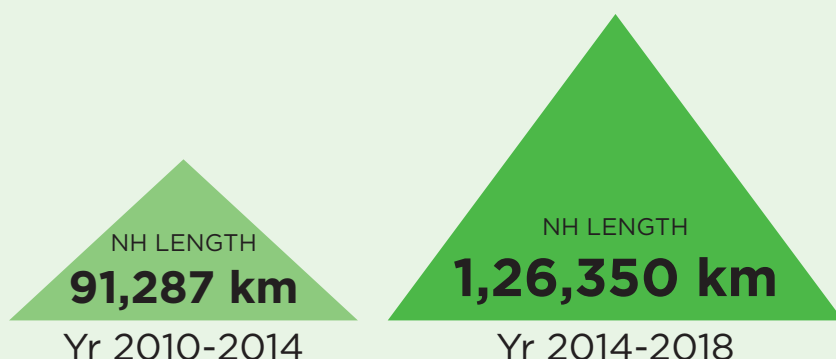
Key Indian National Highways



National Highways - India Story

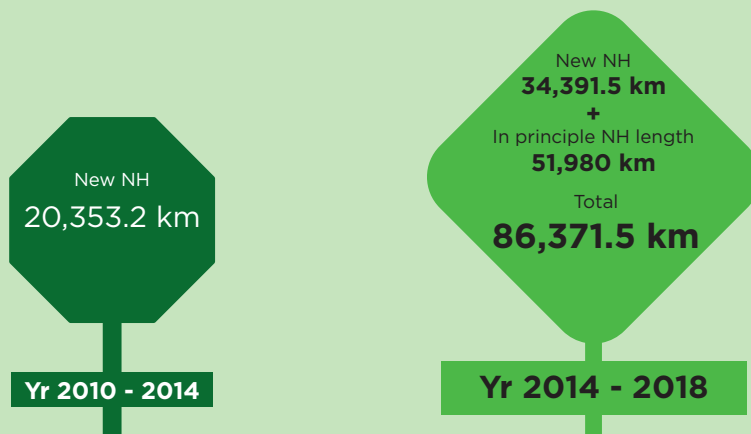
Fast tracking National Highway Development

Building National Highways A new Pace of Progress



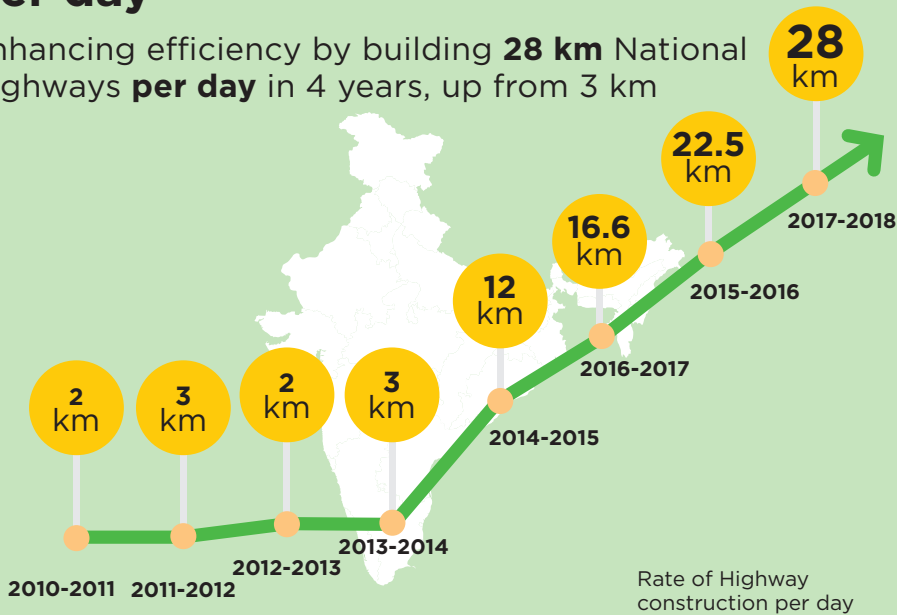
New National Highways being built

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



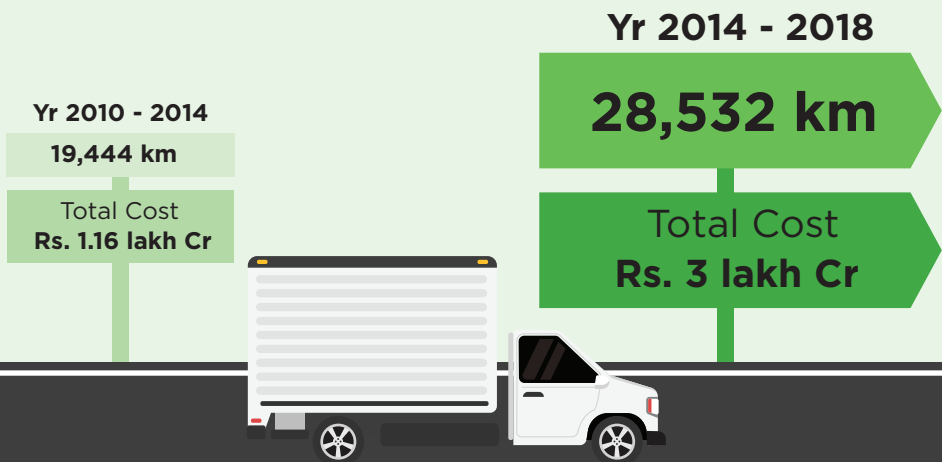
Adding more National Highways per day

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

25,609 km

Total Cost

Rs 1.62 lakh Cr

Yr 2014-2018

Road Length

51,075.32 km

Total Cost

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

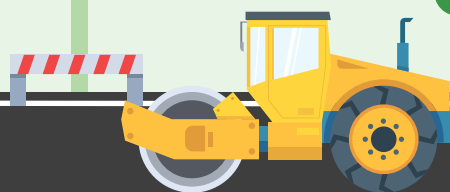
2,876

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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