



Ministry of Road Transport & Highways  
Government of India



National Highways Authority of India



**BHARATMALA**  
ROAD TO PROSPERITY

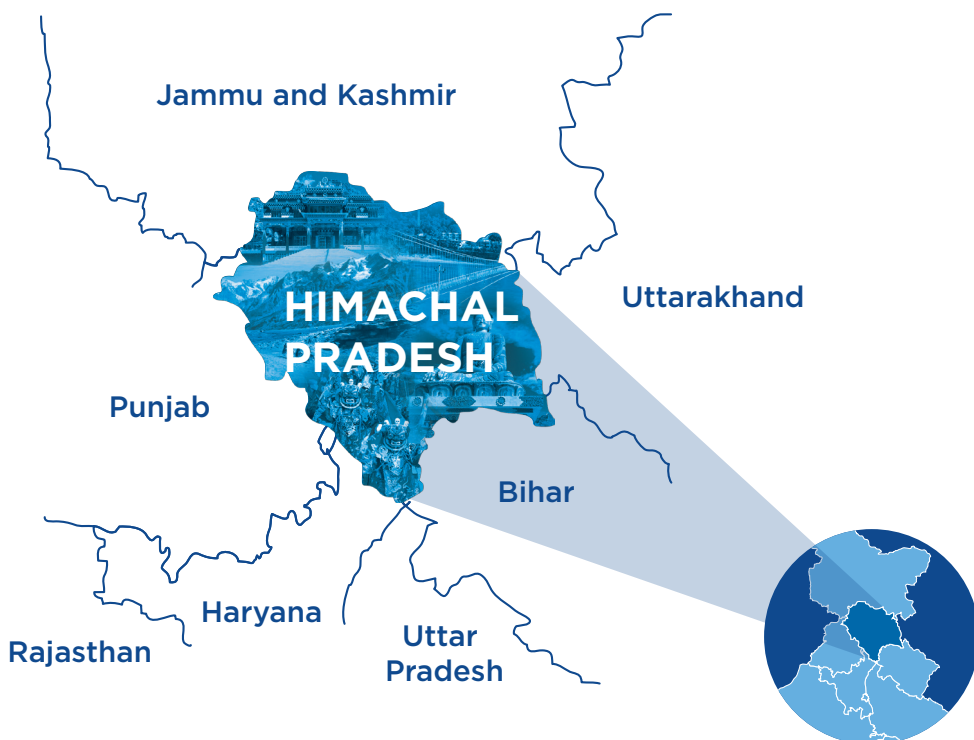


**PRAGATI**  
KI NAYI GATI



**HIMACHAL PRADESH**

ON THE HIGHWAYS TO PROSPERITY



The State of Himachal Pradesh is renowned for its natural beauty. In the last 4 years, improving connectivity tourist destinations and backward areas has been prioritized. Till 2014, the length of National Highways in the State was 2,196 km. In 2018, the length has been increased to 2,642 km. 16 National Highway projects have been completed. In addition, state roads of 4,312 km length have been approved in principle as new NH, subject to outcome of DPRs. This shall increase the NH network in the state to 6,954 km.

42 projects of 639 km length are progressing at a rapid pace. These include 2 laning with paved shoulder of Kullu- Manali section at a cost of Rs. 299 Cr. A 9 km 2-lane tunnel worth Rs. 4,084 Cr is being built connecting Manali to Kelang. In the next few years, Rs. 40,000 Cr will be invested towards road development in Himachal Pradesh.





“When a network of good roads is created, the economy of the country also picks the 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.”

**SHRI NARENDRA MODI**

Prime Minister



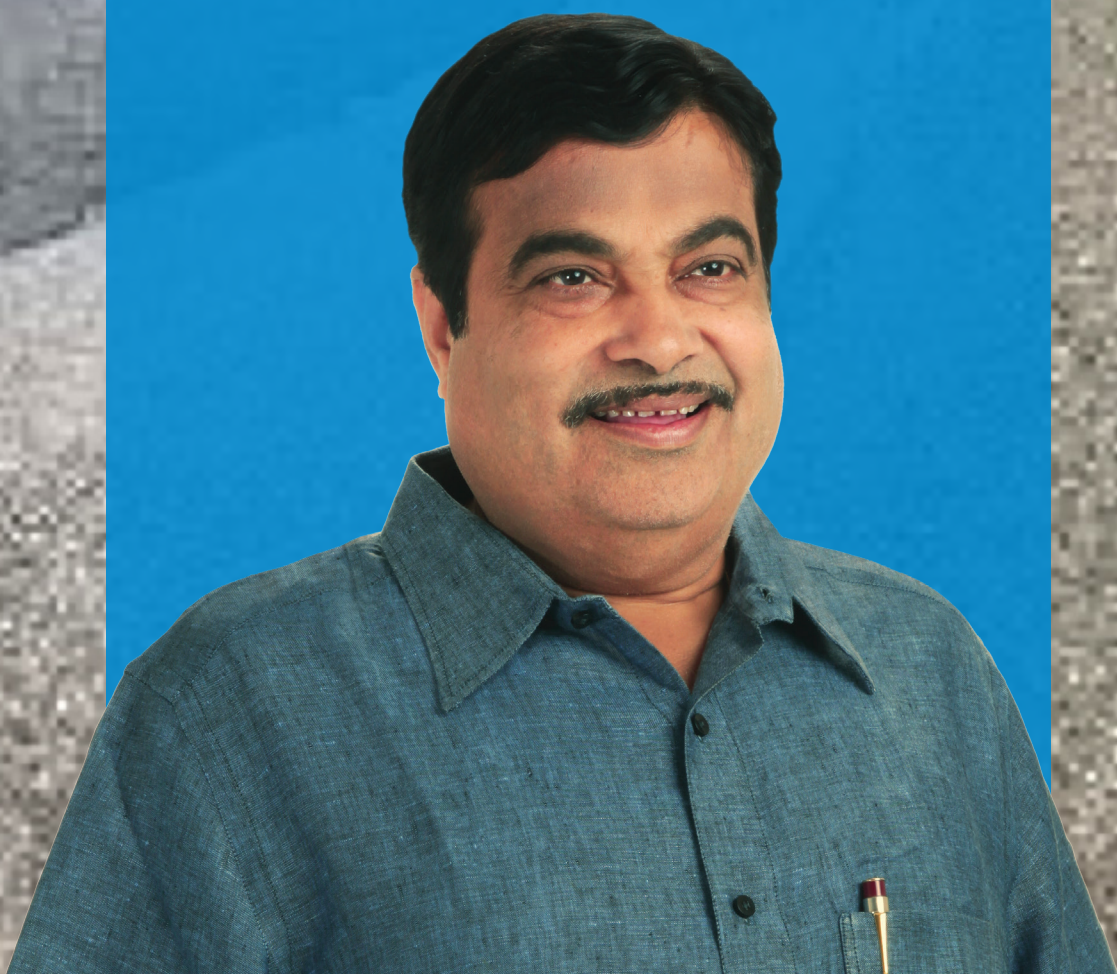


“In the past four years, we have expanded the length of Indian National Highways network to 1,26,350 km. The highway sector in the country has seen a 20% growth between 2014 and 2018. Tourist destinations have come closer. Border, tribal and backward areas are being connected seamlessly. Multimodal integration 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





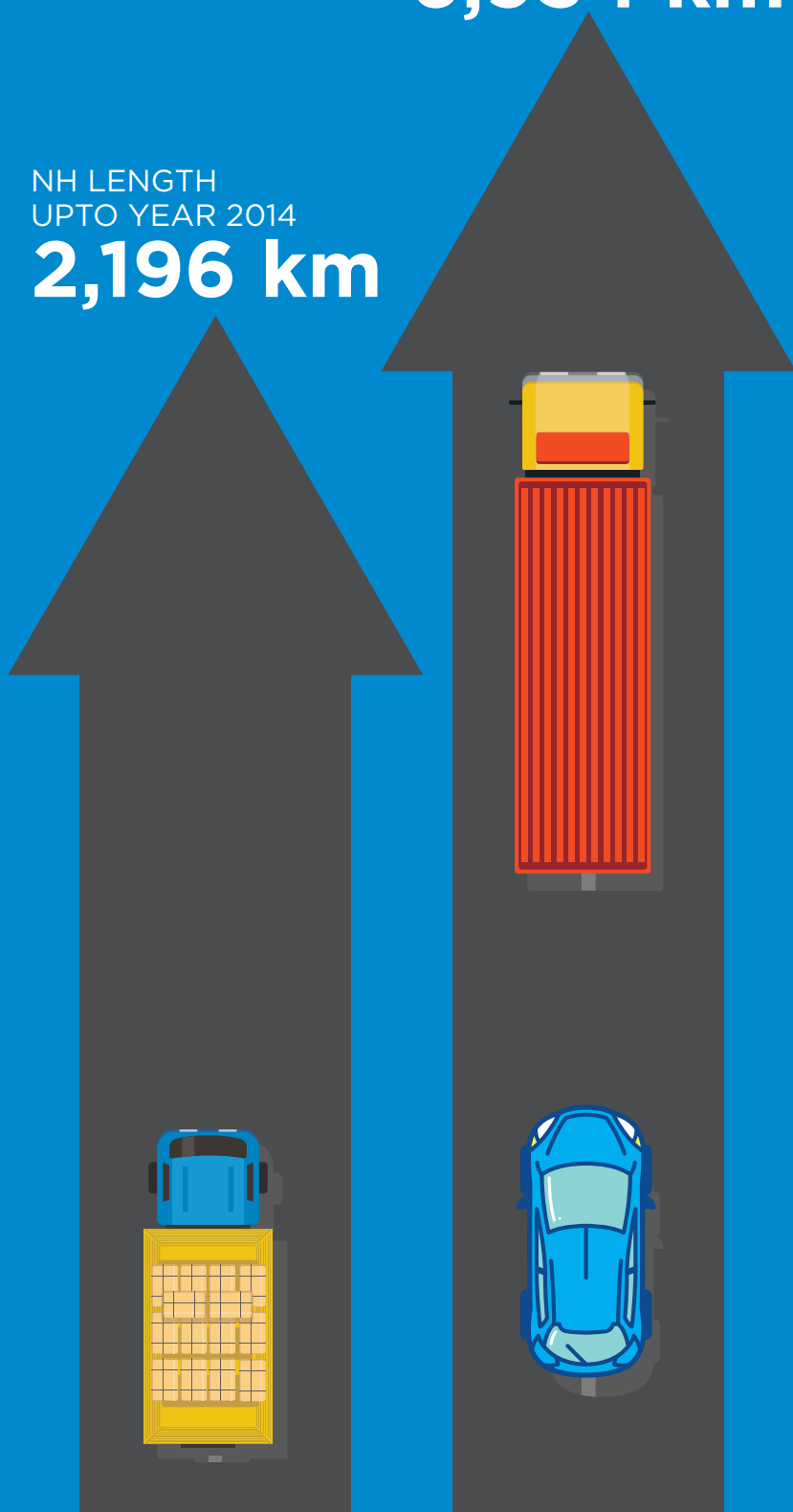
# Fast tracking National Highway development in Himachal Pradesh

NH + IN PRINCIPLE NH  
LENGTH UPTO YEAR 2018

**6,954 km**

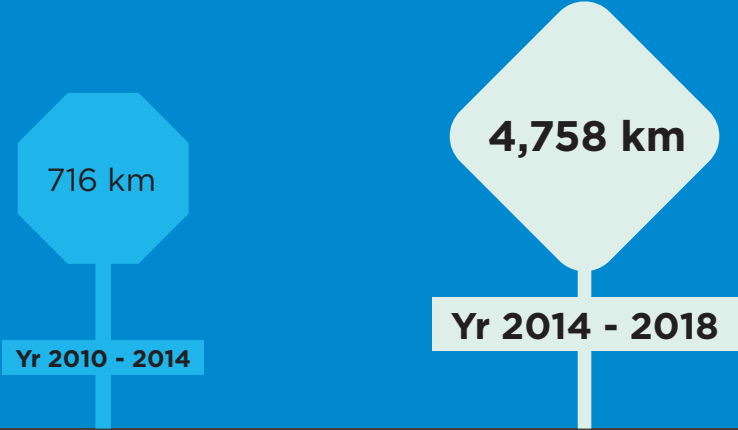
NH LENGTH  
UPTO YEAR 2014

**2,196 km**





# Adding new National Highways in Himachal Pradesh



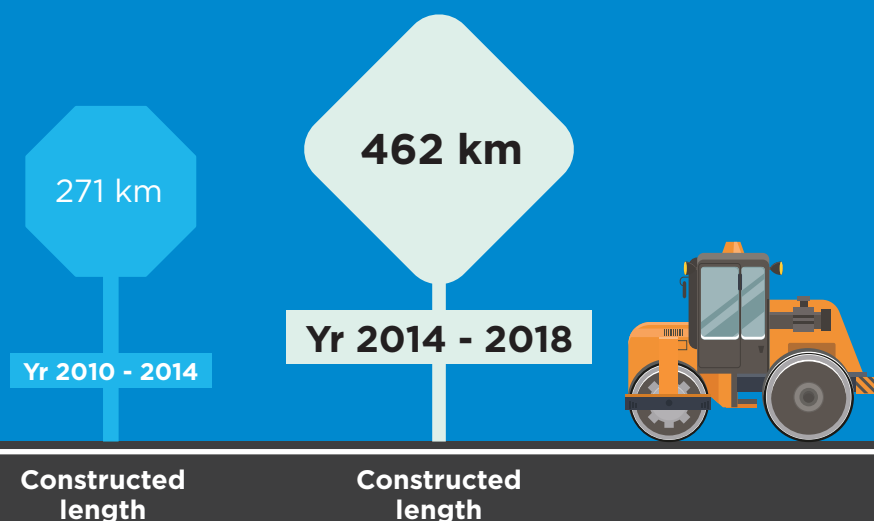
New NH

New NH & In principle NH length

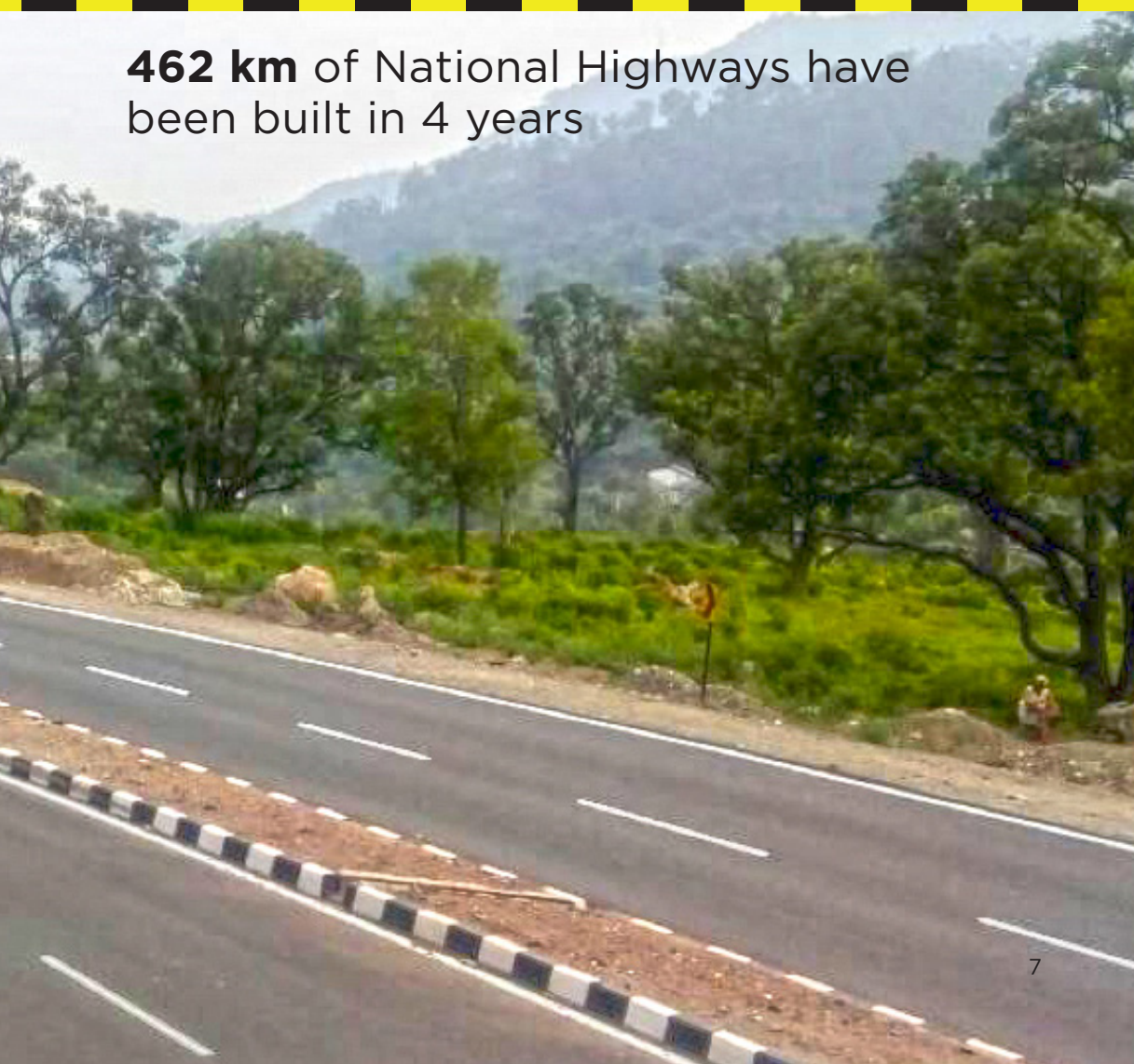




# Construction of roads in Himachal Pradesh



**462 km** of National Highways have been built in 4 years





# Road Projects awarded in Himachal Pradesh



**343%** increase in awarded cost of road projects over last 4 years with investments worth **Rs. 9,277 Cr**



# Accelerated NH Development under Central Road Fund (CRF) in Himachal Pradesh

Yr 2010 - 2014



Total Cost  
Rs. 150 Cr

Yr 2014 - 2018

**85**  
Projects

Total Cost  
**Rs. 541 Cr**



**260%** of cost under CRF works sanctioned for the upgradation & improvement of roads & bridges in the State





## Kiratpur Manali Project

NHAI has embarked on developing the Kiratpur-Manali section of NH-21 to 4 lanes in Himachal Pradesh. The project road passes through rolling and mountainous terrain; mostly rural sections with blend of lush green hills and agricultural land on both the sides. Apart from being a strategically important connectivity route to Leh-Ladakh, NH-21 also connects Chandigarh and tourist destination Manali. The physical altitude in the project area varies from 450 m to 750 m. The project road is being built by tunneling through the mighty Himalayas and working on heavy landslide and rainfall prone areas.

### At a Glance

**197 km** total length of the project highway

**Rs. 1,818.47 Cr** total Cost

**140 km** of realignments, tunnels and bypasses

**87 km** of upgrading existing 2 lane to 4 lanes configuration

**37 major bridges** of span 60 m to 675 m

**14 tunnels**

**3 toll plazas**



## Kiratpur Manali Project

### Benefits

- Will reduce road length between Kiratpur to Manali to 195 km from the existing 232 km
- Will reduce travel time to 3 hours
- Will create access to better healthcare facilities for the people
- Will reduce the number of road accidents and ensure free flow of traffic
- A single multi axle vehicle travelling on this stretch shall economize the fuel consumption and wear and tear by 50%, thus increasing efficiency
- Will result in savings worth an estimated Rs. 900-1000 Cr per annum in fuel and maintenance cost
- Will substantially reduce environmental pollution





# Kiratpur Manali Project

## Section 1 Kiratpur – Nerchowk





# Kiratpur Manali Project

## Section 2 Nerchowk - Pandoh





# Kiratpur Manali Project

## Section 3 Pandoh - Takoli





# Kiratpur Manali Project

## Section 4 Takoli - Kullu





# Kiratpur Manali Project

## Section 5 Kullu - Manali









## Parwanoo - Solan section

The Parwanoo-Solan section of NH-22 (new NH-05) is being upgraded to 4 lanes in 3 packages by NHAI. NH-22 originates at its junction with NH-1 at Ambala in Haryana and ends at Khab in Himachal Pradesh. It traverses through the states of Haryana, Punjab and Himachal Pradesh covering a length of 459 km. Main built-up areas it connects are Dera-bassi, Panchkula, Dharampur, Solan, Shimla, Kufri, Narkanda, Sainj, Rampur, Niehar, Spello and Khab. This NH is the main connectivity for apple transportation from Kinnaur Valley to other parts of country and is also a major link to the Indo-Tibet Border. The project includes tunneling through treacherous Himalayan terrain, access to Greenfield alignment and the stabilizing cut and fill slopes in heavy rainfall regions.

### At a Glance

**89.5 km** total length of the project highway

**Rs. 1,247.43 Cr** total cost

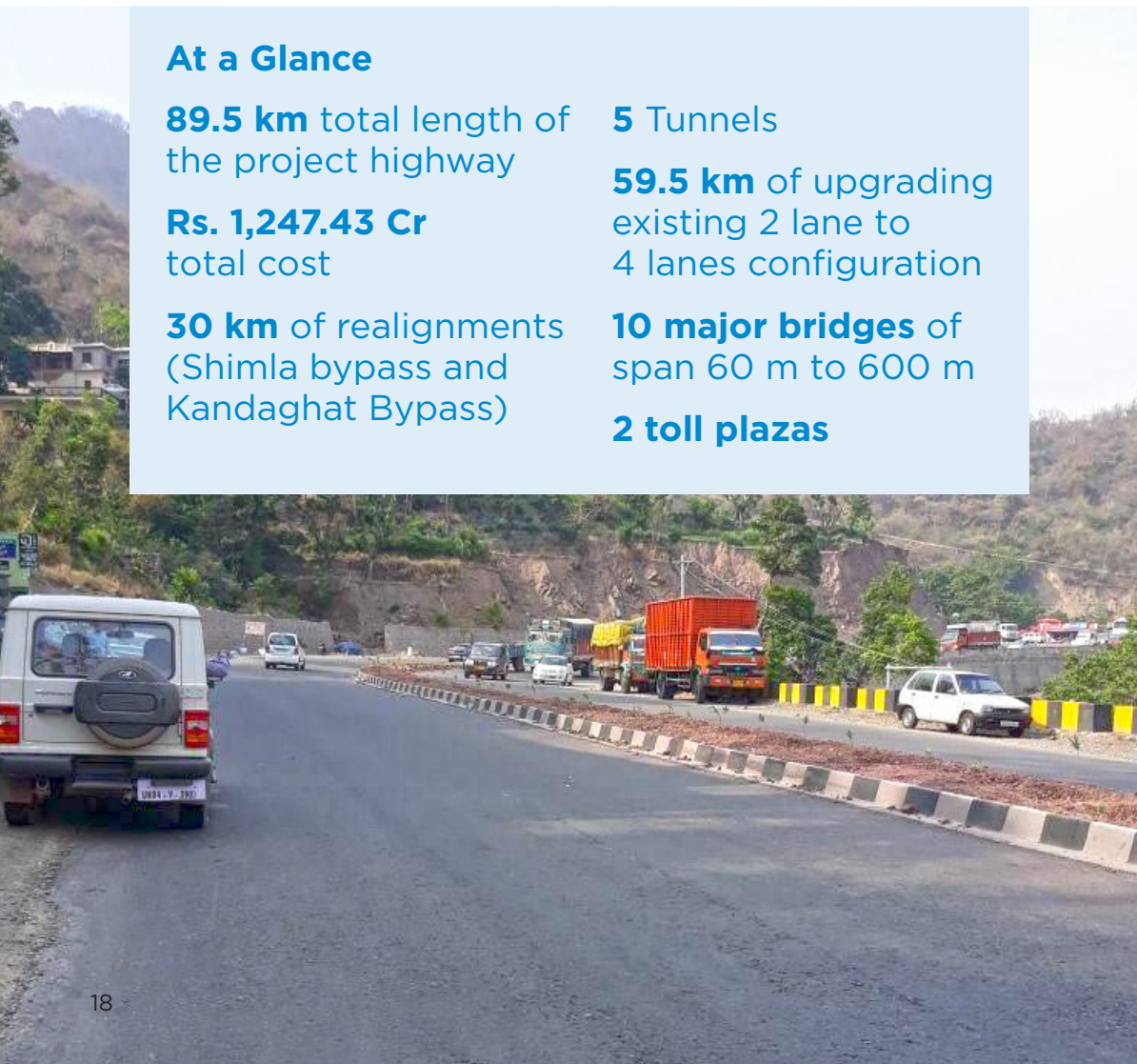
**30 km** of realignments (Shimla bypass and Kandaghat Bypass)

**5 Tunnels**

**59.5 km** of upgrading existing 2 lane to 4 lanes configuration

**10 major bridges** of span 60 m to 600 m

**2 toll plazas**



## Parwanoo - Solan section

### Benefits

- Will reduce travel time between Chandigarh and Shimla by 1 hour 20 minutes
- Will give boost to tourism in Kufri, Shimla, Fagu, Mashobra
- Will create access to better healthcare facilities for the people
- Will reduce the number of road accidents and ensure free flow of traffic
- A single multi axle vehicle travelling on this stretch shall economize the fuel consumption and wear and tear by 50%, thus increasing efficiency
- Will result in savings worth an estimated Rs. 900-1000 Cr per annum in fuel and maintenance cost
- Will substantially reduce environmental pollution





## Ongoing projects of MoRTH in Himachal Pradesh

Sl. No.	Lok sabha constituency	Name of Work	NH No (New)	Sanctioned Cost (Rs. in Cr)	Total Length in km	Date of Start	Estimated date of completion
1	Shimla	Balance work of widening & strengthening of existing intermediate lane to two lane carriageway alongwith paved shoulders from km 35/00 to km 49/00 of NH-21A in Himachal Pradesh under Special Project Scheme.	21A/105	40.82	14.00	Dec-16	Spt-18
2	Shimla	Re-construction of Batta bridge at Km. 96/600 on NH-72 in the state of Himachal Pradesh.	72/7	16.96	1 No.	Mar-15	Dec-18
3	Kangra	Construction of balance work of High Level Bridge i/c approaches of Dehri khad at km 45.370 on NH-20 in the State of Himachal Pradesh.	20/154	5.79	1 No.	Dec-14	Sep-18
4	Shimla	Widening and Strengthening from km 0.00 to km 23.00 at section of Sainj Luhuri Aut road of NH-305 in the State of Himachal Pradesh.	305	24.48	23.00	May-15	Nov-18
5	Kangra	Construction of bridge over Manjhi Khad in replacement of existing old narrow bridge at km 75.275 of NH-20 in the State of Himachal Pradesh.	20/154	11.92	1 No.	Oct-15	Sep-18
6		Widening to 2-lane with Geometric Improvement from km 95/00 to km 140/00 (ner RD 84/800 to 129/235)	88 (103)	-	-	The work has been splitted in three sections.	-
7	Hamirpur	Widening to two lane with paved shoulders, strengthening and geometrics improvement of NH-88 (new NH-103) from km 95/0 (near Kandrou Bridge) to km 140/0 (near Hamirpur) (New RD 85/900 to 129/235) in the State of Himachal Pradesh (km 85/900 to km 96/500 new chainage - Section-I).	88 (103)	76.03	11.00	Oct-16	Mar-19
8	Hamirpur	Widening to two lane with paved shoulders, strengthening and geometrics improvement of NH-88 (new NH-103) from km 95/0 (near Kandrou Bridge) to km 140/0 (near Hamirpur) (New RD 85/900 to 129/235) in the State of Himachal Pradesh (km 96/500 to km 113/100 new chainage - Section-II).	88 (103)	72.19	17.00	Oct-16	Mar-19
9	Hamirpur	Widening to two lane with paved shoulders, strengthening and geometrics improvement of NH-88 (new NH-103) from km 95/0 (near Kandrou Bridge) to km 140/0 (near Hamirpur) (New RD 85/900 to 129/235) in the State of Himachal Pradesh (km 113/100 to km 129/235 new chainage - Section-III).	88 (103)	83.17	17.00	Dec-16	Mar-19
10	Mandi	Construction of 33.60 mtr. Span RCC box cell bridge over river Beas at km 260.280 (Bhunter) on NH-21 (New NH-03) in the State of Himachal Pradesh.	21 (03)	1.44	1 No.	Sep-16	Dec-18

Ongoing projects of MoRTH in Himachal Pradesh

Sl. No.	Lok sabha constituency	Name of Work	NH No (New)	Sanctioned Cost (Rs. in Cr)	Total Length in km	Date of Start	Estimated date of completion
11	Shimla	Road Safety in km 0.000 to 46.00 on NH-72B (New NH-707) section Rajban-Shilai-Meenus-Hatkoti road in the State of Himachal Pradesh.	72B (707)	12.71	1 No.	Aug-17	Dec-18
12	Shimla	Construction of retaining walls and crash barrier etc. in selected reaches from km 307.00 to km 334.00 of NH-22 (New NH-05) in the State of Himachal Pradesh.	22 (05)	19.44	1 No.	Jan-17	Dec-18
13	Shimla	Widening of curves in selected reaches in Km 171/0 to Km 307/0 of NH-22 (New NH-05) in the State of Himachal Pradesh.	22 (05)	11.77	1 No.	Jan-17	Sep-18
14	Hamirpur	Construction of Bridge over Kheran Khad at km 102.763 on NH-70 in the State of Himachal Pradesh.	70(03)	6.30	1 No.	Feb-17	Aug-18
15	Hamirpur	Construction of Bridge over Kalruhi Khad at km 72.711 on NH-70 in the State of Himachal Pradesh	70(03)	17.18	1 No.	Aug-17	Mar-19
16	Hamirpur	Construction of bridge over Amb Khad at km 77.500 on NH-70 in the State of Himachal Pradesh.	70(03)	10.17	1 No.	May-17	Nov-18
17	Hamirpur	Construction of Bridge over Jangoli Khad at km 72.244 on NH-70 in the State of Himachal Pradesh	70(03)	6.08	1 No.	Mar-17	Sep-18
18	Hamirpur	Strengthening & Construction of V-Shape drain (selected reach) in km 111.00 to 118.00 (Old RD 0.00 to 7.00) i.e. portion from Nauni to Brhampukhar on NHO-205 in the State of Himachal Pradesh.	205	14.21	7.00	Jun-17	Oct-18
19	Shimla	Widening to two lanes with/without geometrical improvement from km 322.00 to km 329.00 on NH-22(New NH-05) in the State of Himachal Pradesh.	22(05)	29.94	7.00	Feb-18	Jan-20
20	Kangra	Reconstruction to two lanes including geometrical improvement from km 5/0 to 18/0 (Nagrota-Bagwan-Ranital-Mubarikpur Road) on NH-20A (New NH-303) in the State of Himachal Pradesh.	20A (303)	61.48	13.00	Nov-17	Oct-19
21	Shimla	Widening/reconstruction of culverts from km 58.00 to km 83.00 on NH-72 (new NH-07) in the State of Himachal Pradesh.	72 (07)	18.22	1 No.	May-17	Apr-19
22	Shimla	Widening to two lanes with/without geometrical improvement from km 286.00 to km 300.00 on NH-22(New NH-05) in the State of Himachal Pradesh.	22(05)	48.86	14.00	Nov-17	Oct-19
23	Shimla	Construction of Theog Bypass from km 174.00 to km 176.400 (Devrighat to Premghat) on NH-22 (New NH-05) in the State of Himachal Pradesh.	22(05)	40.59	2.32	Aug-17	Jul-20



## Ongoing projects of MoRTH in Himachal Pradesh

Sl. No.	Lok sabha constituency	Name of Work	NH No (New)	Sanctioned Cost (Rs. in Cr)	Total Length in km	Date of Start	Estimated date of completion
24	Kangra	Widening/strengthening from km 106.00 to km 130.00 (Chakki-Banikhet-Chamba-Bharmour road) on NH-154A in the State of Himachal Pradesh.	154A	49.17	24.00	Nov-17	Apr-20
25	Kangra	Strengthening on NH-20A (New NH-503) Nagrota Bagwan-Ranital-Mubarikpur Road km 39.00 to km 91.00 in the State of Himachal Pradesh	20A (503)	41.27	52.00	Mar-18	Sep-19
26	Shimla	Widening to 2-lane (carriage way width of 7.0 m & overall width of 10.0m including drain & retaining wall) in km 356.455 to km. 360.890 on NH-22 (New NH-05) in the state of Himachal Pradesh.	22 (05)	12.78	4.44	Jul-18	Dec-19
27	Shimla	Strengthening @ Widening of existing carriageway including safety works of retaining wall, breast wall and drains etc. works in km 0.00 to km 17.00 on NH-505A in the State of Himachal Pradesh.	505A	28.38	17.00	May-18	Apr-19
28	Shimla	Widening in km 300.00 to km 322.00 on NH-22 (New NH-05) including safety works of retaining wall, breast wall and drains etc. in the State of Himachal Pradesh.	22 (05)	48	22.00	Apr-18	Aug-19



National Highways Authority of India

## Ongoing projects of NHAI in Himachal Pradesh

Sl. No.	Lok Sabha Constituency	Project Stretch	NH No.	Project Cost (Rs. Cr)	Length (km)	Start Date	Estimated date of completion
1	Mandi	Kullu - Manali	21	299	37.34	Feb-17	19-Feb
2	Mandi	Nerchowk - Pandoh including Pandoh Bypass	21	1068	26.29	Jan-18	Jul-20
3	Mandi	Takoli - Kullu section	21	752	28.69	Jun-17	Dec-19
4	Mandi	Kiratpur-Ner Chowk Section	21	1818	84.32	Nov-13	Mar-19
5	Shimla	Shimla Bypass (Kaithlighat to Shimla Section)	22		27.45	Apr-18	Sep-20
6	Mandi	Pandoh Bypass-Takoli	3	2409.06	18.91	Mar-18	Sep-21
7	Shimla	Parwanoo -Solan	22	1247	39.14	Sep-15	Mar-19
8	Shimla	Solan - Kaithlighat	5 (Old 22)	598	23		

## In-Principle approval for NH declaration in Himachal Pradesh

Sl. No.	Stretch	Tentative Length (in km) As on 30/11/2017
1	Bhota on NH 103-Jahu-Kalkhal-Ner Chowk on NH 154	52.5
2	Ranital on NH 503-Kotla on NH-154	39.2
3	Rohru-Tikkar-Teog Ghati-Nera Ghati-Bhali Dhar-Bareon-Panog-Kiari-Deori-Kotkhai on NH 705	80
4	Chhaila on NH-705- Sainj Oachghat - Sarhan on NH 907A	108
5	Lowasa Choki on NH 907A - Kolanvala - Budh - Majari - Narayangarh (39 km in HP, 7 km in Haryana).	39
6	Shimla (Tara Devi) - Kunihar - Ramsher - Nalagarh - Dharowala (HP) - Ghanauli on NH- 205 (102.35km in HP, 2.75 km in Punjab)	102.35
7	Salhech - Chandol - Habbon - Rajgarh - Baddu - Sahib - Bghthan - Banethi.	127.3
8	Dadour - Chailchowk - Janjehli - Chhatra - Ranbag - Nagan.	111
9	Narkanda -Bagi - Ghanasidhar - Khadralla - Sungri - Rohru - Hatkoti.	78
10	Ghanasidhar to Tikkar	14
11	Sungri - Taklech - Nogli on NH-5	53
12	Ghumarwain-Jahu-Sarkaghat	41.5
13	Hamirpur-Sujanpur-Alampur-Palampur	60
14	Basoli on NH-503A to Biru - Thanakalan - Bangana - Nadaun on NH-3	65
15	Nadaun-Tira Sujanpur-Sandhol-Kandapattan Joginder Nagar junction with NH-154	127.3
16	Mandawala on Nh-105 junction with Haryana - Barotiwalla - Pataa - Kuthar - Arki - Shallaghat (79.40km in HP, 1.225km in Haryana).	79.4
17	Shimla-Dhalli-Tattapani-Churag-Rohanda-Sundar Nagar	180
18	Junction with NH-154 at Drahaman - Sihunta - Chuwari - Jot - Chamba - Koti - Tissa -Traila - (Bairagarh) - Killar.	271
19	Sanaura (NH)-Rajgarh-Nohradhar-Haripurddhar-Raunhat-Jamali (NH 72B)	115
20	Solan to Ochghat	10
21	Sataun(NH-707)-Renuka-Dadahu-Jamta-Dosarka(NH 907A)	56
22	Haripurddhar-Sangarah-Renuka - Trimti - Baliya - Dholakuana.	79
23	Kandaghat(NH)-Sadhupal-Chail-Kufri (NH)	57
24	Haripurddhar-Kupavi-Tarahan-Sarahan-Chopal	67
25	Sainj (NH-705) -Deha-Chopal-Nerwa-Feduspul (NH)	90
26	Solan -Shabattu Kainchi Mor	23
27	Kuniha to Dpmehar to Piplughat to Dhundan to Bharari Ghat	33
28	Kafota-Jakhana-Jong -Tunia-Haripur (29.75 km in HP, 27.25 in Uttarkhand)	29.75
29	Yashwantnagar-Gaura-Dubloo to Janedghat	38
30	Chhalanda-Junga-Mehali	28
31	Patsari to Mandhol - Tahu - Throlla - Kotkhai.	61.5



## In-Principle approval for NH declaration in Himachal Pradesh

Sl. No.	Stretch	Tentative Length (in km) As on 30/11/2017
32	Nalagarh (NH-21A)-Dabhota-Tibbi-Dugri-Pated Nawangiram-Androla Uperla- Kashmirpuram- Baruna-Bagheri-Khertiwala-Maura on NH-21.	35.5
33	Rohru-Chirgaon-Tikri-Larrot-Chanshal-Dodra Kavar	96
34	Junction with NH-303 at Jawallamukhi-Dehra-Jawali-Raja-Ka-Talab-Jassur	90
35	Ghatsani-Shilha-Badhani-Bhubhu Jot-Kullu road	52.4
36	Dharampur - Maddi - Sandhol - to Gaddidhar to Tihra to Awahdevi on NH-70 (New NH-03)	88
37	Bajjnath-Balada-Kanapattan-Dharampur	40.5
38	Sundernagar-Chai-Dohara-Trifalghat-Palasi	42
39	Jogindernagar to Bareru to Dharman to Kunkatar to Kotli	44
40	Declaration of Palampur-Dharamshala road via Nagri road as new National Highway	35.7
41	Nagni - Pudwa - Panhar - Khundiya - Jwalamukhi road	34.2
42	Dhaneta -Barasar-Shahtalai-Berthin.	61
43	Bharwain-Chintpurni-Jorbar-Pacca Tiala-Sansarpur Terrace (82.56 km in HP, 5.44 km in Punjab)	82.56
44	Ranital to Masroor-Lunj-32 Meel via Kuthar-Tripal-Bhater-Bassa-Lunsu-Dhar Road Km 0/0 to 53/500 including bridge over Baner Khad	54.2
45	Kaloha - Pragpur - Dhaliara-Dadaiba-Sansarpur Terrace Sansarpur Terrace	60.9
46	Bhager Patha - Berthin Ghoridhabiri-Maharal-Bijhari-Saloni-Galore-Kangu Jalari (Bhatha)	71.2
47	Didwin Tikkar-Mahal-Bhoranj-Chandruhi-Tatahar (Sarkaghat)	28.8
48	Bangana - Dhaneta-Kangu-Rangas-Balduhak-Jihan Road (Via Bangana-Dhaneta Tunnel)	27.8
49	Santokhgarh-Tahilwala-Polian Jajon-Haroli-Saloh-Ispur-Gagret-Daulatpur-Mubarikpur-Marwari(Punjab Border) road	97.3
50	Ajouli Santokhgarh Una Lower Lalsingi upto Swan Bridge	22.2
51	Dadhol to Swara to Muhana to Lanjta Matiyal to Kuthera road	16
52	Thapna ( Four Lane Junction) Baghchhal (Babkhal) Marotan-jejwin-kalol-Bharoli Kalan-Gharan-Shah Talai(including bridge at Babkhal over Satluj river).	42
53	Darla mod (Navgaon) to Berri road	37
54	Bangana to Jawalaji via Shantla-Tutroo-Peer-Saluhi-Chamukha-Kaleshwar Mahadev	39
55	Bijhari -Deotsidh - Raily - Jajri - Ballu Bridge - Berthin - Sunhani - Ghumarwin.	51.8
56	Manpul -Gauna-Basara-Dhaneta-Tipper-Fahal-Galore-Budhwani Chowk - Nalti- Hamirpur ( Junction of Hamirpur bye-pass)	50.5
57	Hamirpur (Mattan Sidh) Dosaka - Lambloo -Tarakwadi - Bhornaj-Jaahoo	34

## In-Principle approval for NH declaration in Himachal Pradesh

Sl. No.	Stretch	Tentative Length (in km) As on 30/11/2017
58	Bassi(on Navgoan Beari Road) Jabbal-Rani Kotla - Markand (Construction of tunnel near Bandla Dhar connecting Bilaspur) Balh-Bulana- Beri Darola (Construction of bridge connecting Kiratpur – Ner Chowk Expressway)	22
59	Salapad to Harnora to Kasol to Tatapani on left bank.	64
60	Sunni to Luhrion left bank.	50
61	Kanchimore-Shree Naina Devi Ji-Bhakhra	50
62	Chamba (on NH 154A)-Tissa-Killar	168
63	Pandoh to Bakhrot via Devigarh, including tunnel at Devigarh, Masogal, Khyalpuri	81
64	Moviseri to Rohangalu	35
65	Tandi to Sansari Nalla	172
66	Stretch from Lawasa Chowki (on NH-907)-Jaman Ki Ser-Dhangiar-Tikri Kathar-Preet Nagar-Pinjore (on NH-5) (Himachal Pradesh-42 km and Haryana-15 km)	42
67	Banga on NH-344 A - Garhshankar - Anandpur Sahib - Naina Devi (Total Length= 85 km; Punjab= 70 km; Himachal Pradesh= 15 km)	15
	<b>Sub Total</b>	<b>4349.36</b>
68	Hathithan (NH-21) -Manikaran-Pulga	43
69	Taklesh- Sarahan-Jeori (NH-5)	77
70	Chandigarh- Karoran- Tanda- Prempura- Gariran- Paploha- Bar-Shilukhurd- Jangesh- Kasuali- Dharpur (on NH-5)	50
71	Naina Devi- Swarghat (HP= 30)	30
	<b>Sub Total</b>	<b>200</b>
	<b>Total</b>	<b>4549.36</b>





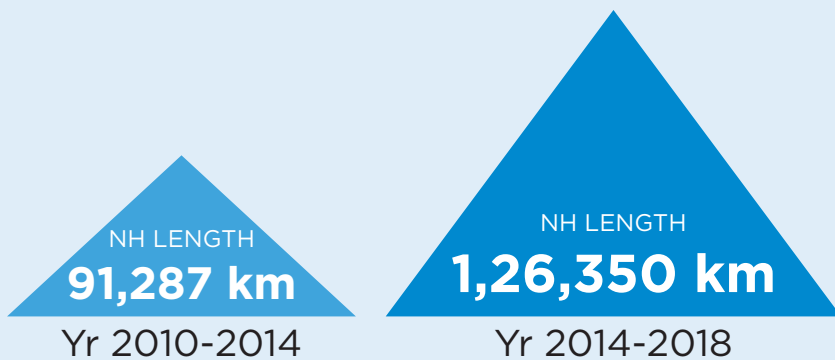
# Key Indian National Highways



# National Highways - India Story

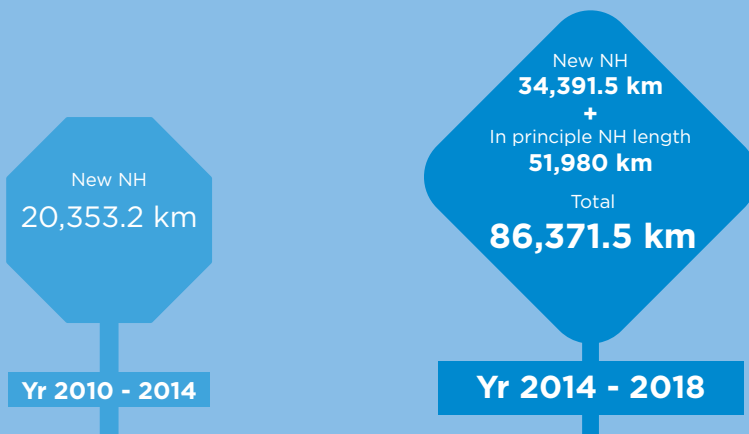
## Fast tracking National Highway Development

### Building National Highways A new Pace of Progress



### New National Highways being built

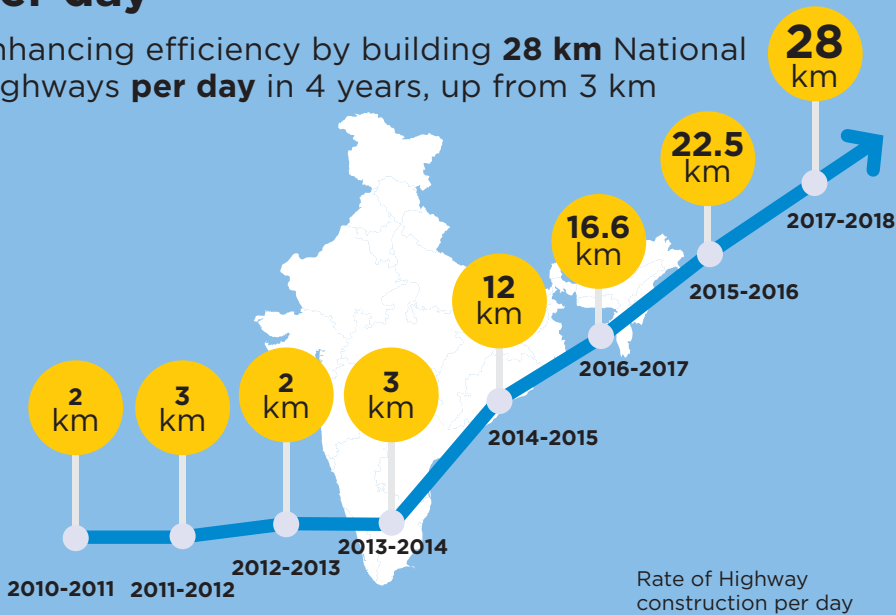
**86,371.5 km** of New and In-Principle National Highways added in 4 years





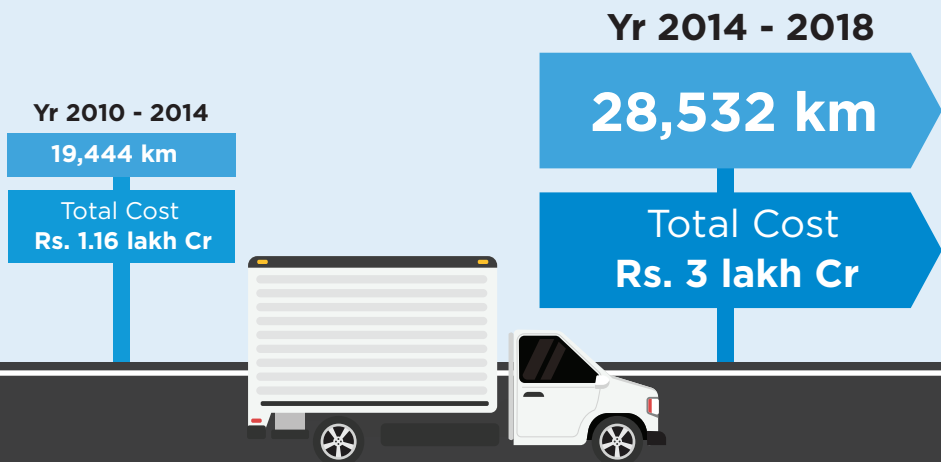
## Adding more National Highways per day

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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