

# **BASIC ROAD STATISTICS OF INDIA**

## **2013-14 and 2014-15**



सत्यमेव जयते

**GOVERNMENT OF INDIA**  
**MINISTRY OF ROAD TRANSPORT AND HIGHWAYS**  
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MINISTRY OF ROAD TRANSPORT & HIGHWAYS



**Foreword**

A robust road network is a key element of inclusive growth and socio-economic development. Road networks provide the crucial link between products and markets and ensure access to employment, health, education and other services.

2. India has one of the largest road networks in the world of over 5.4 million km as of Financial Year 2015. The country's road network consists of national highways, state highways, major and other district roads and village and rural roads. Over the years, there has been consistent improvement in accessibility and mobility through the construction of new roads and the upgradation of the existing roads.

3. In recent years, transportation by roads has scored over other modes of transport because of easy accessibility, flexibility of operations, door-to-door service and reliability. Consequently, the share of road in freight and passenger movement has been increasing vis-a-vis other transport modes.

4. The present issue of 'Basic Road Statistics of India' gives comprehensive information on the total road network of the country as on 31<sup>st</sup> March, 2015. Given the importance of the road network of a country, it is important to have disaggregated States/UT-wise data, on each of the categories of roads, constructed by different agencies. The data would assist in policy, planning and investment decisions.

5. I hope this publication would be useful to administrators, policy makers and the academia especially those interested in infrastructure development. I gratefully acknowledge the cooperation of different agencies involved in road construction. Contribution of the officers and staff of the Transport Research Wing involved in the work related to this publication is deeply appreciated.

*Sanjay Mitra*  
(Sanjay Mitra)

New Delhi  
September, 2016



सत्यमेव जयते

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## PREFACE

The Transport Research Wing (TRW) of the Ministry of Road Transport & Highways brings out the 'Basic Road Statistics of India' as an annual publication. The present issue 'Basic Road Statistics of India' contains information for 2013-14 and 2014-15 on various categories of roads at National, State and Local (Municipal and Panchayat) levels. Apart from this, the information on plan allocation and expenditure on roads and an international comparison of road networks are also provided in this publication. The detailed information is presented in nine sections of the publication.

I am especially thankful to all source agencies for providing data and rendering all the help in bringing out this publication. I wish to place on record my deep appreciation of the dedicated efforts put in by officers and staff of the TRW who have contributed in improving and completing this report.

Constructive suggestions from the users of the publication for further improving its quality and coverage are welcome.

*Kirti Saxena*

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New Delhi

September, 2016

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## EXECUTIVE SUMMARY

The total road length of the country increased significantly from 3.99 lakh km in 1951 to 54.02 lakhs km in 2014 and further to 54.72 lakh km in 2015, growing at a Compound Annual Growth Rate (CAGR) of 4.2% up to 2015 from 1951. The break-up of road length as on 31<sup>st</sup> March 2014 and 2015 are given below:

Category of Road	As on 31 <sup>st</sup> March 2014		As on 31 <sup>st</sup> March 2015	
	Length of Road (km)	Share in total road length (%)	Length of Road (km)	Share in total road length (%)
National Highways (NHs)	91,287	1.69	97,991	1.79
State Highways (SHs)	1,70,818	3.16	1,67,109	3.05
Other PWD (OPWD) Roads	10,82,267	20.03	11,01,178	20.12
Rural Roads	33,04,328	61.16	33,37,255	61.0
Urban Roads	4,57,467	8.47	4,67,106	8.54
Project Roads	2,96,319	5.49	3,01,505	5.50
Total	54,02,486	100.00	54,72,144	100.00

2. During the decade, 2003-04 to 2013-14, the highest CAGR was that of rural roads (4.4%) followed by urban (4.3%), SH and OPWD roads (3.9%), NH (3.4%) and project roads (1.3%) and during the decade, 2004-05 to 2014-15, the highest CAGR was that of urban roads (5.0%) followed by NH (4.1%), rural roads (3.9%), SH and OPWD roads (3.1%), and project roads (1.5%). The largest share in the road network as on 31<sup>st</sup> March 2014 and as on 31<sup>st</sup> March 2015 was that of rural roads (61%). Other PWD Roads accounted for the second highest share (20%), followed by Urban Roads by almost (9%), Project Roads (5%), SHs (3%) and NHs (2%). The five states with the largest road networks (excluding Jawahar Rozgar Yojana roads), viz. Maharashtra, Uttar Pradesh, Karnataka West Bengal and Assam accounted for about 43.22% as on 31<sup>st</sup> March 2014 and 43.04 % as on 31<sup>st</sup> March 2015 in the total road length of the country. It is to be noted that the expansion of road network is not in proportion to the surge in population and motorization in the country

3. As on 31<sup>st</sup> March 2015, India's road density at 1.66 kms/sq.km of area was higher than that of Japan (0.91 km/ sq km), USA (0.67 km/ sq km), China (0.46 km/ sq. km), Brazil (0.18 km/sq.km) and Russian Federation (0.08 km/ sq km) (Table 8.1). The surfaced road length in India was 61.05 per cent of the total road length which was much lower as compared to United Kingdom (100.00), Korea (82.51) Russia (70.54) and China (67.89). NHs in India, which accounted for 1.79 % of the total length as on 31<sup>st</sup> March, 2015 was much lower than that of some of the developed countries of the world such as Japan, Korea Republic, Russian Federation, UK and Brazil.

## Section – 1

### An overview of Road Network in India

1.1 Road network is vital for sustained and inclusive growth of the economy. It facilitates the movement of passengers and freight across the country. It promotes efficiency in the economy by minimizing total transportation cost in terms of economies of production, distribution and consumption. The role of road transport among the different modes of transport is dominant because of its last mile connectivity or feeder service. In comparison to other modes of transport, the movement of passenger and freight in India over the years has increasingly shifted towards road transport sector.

1.2 The road network of the country consists of National Highways (NH), State Highways (SH), Other Public Works Departments (OPWD) Roads, Rural Roads, Urban Roads and Project Roads. Table 1.1 shows the progress of road length under different categories during the period 31<sup>st</sup> March, 1951 to 31<sup>st</sup> March, 2014 and 31<sup>st</sup> March, 2015.

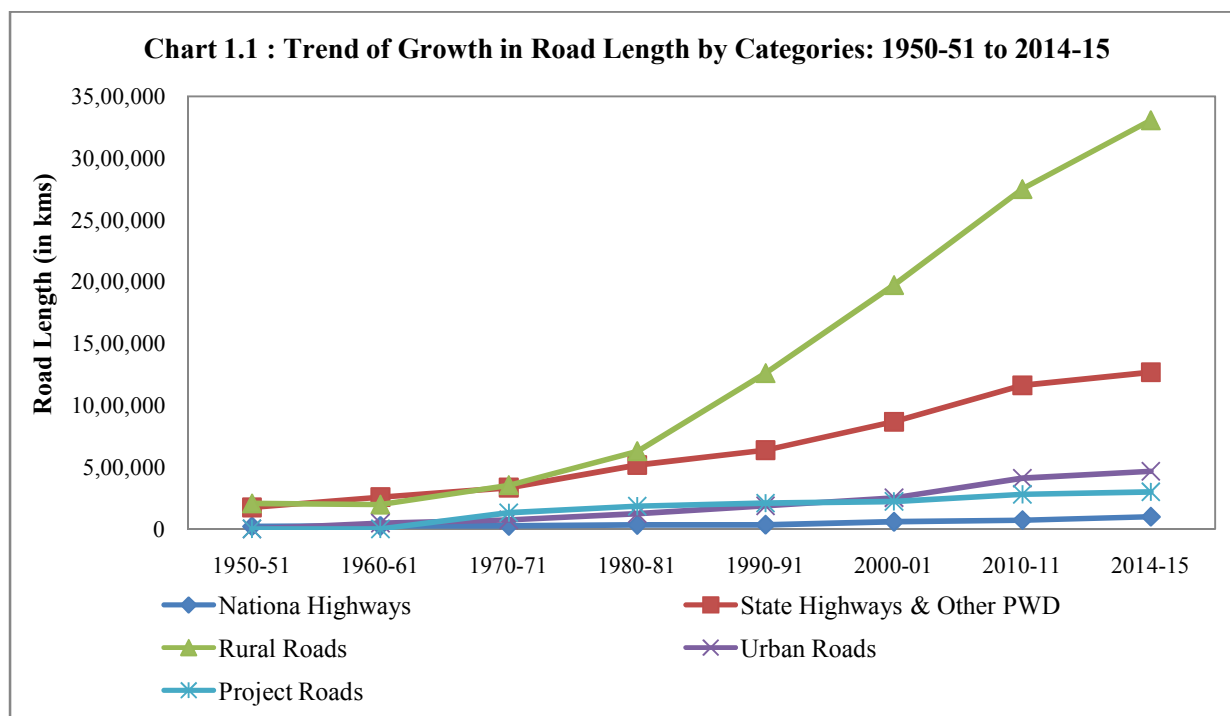
**Table 1.1: Road Network by Categories (in kilometres) – 1950-51 to 2013-14 and 2014-2015**

Road Category	1950-51	1960-61	1970-71	1980-81	1990-91	2000-01	2010-11	2013-14	2014-15
National Highways	19,811 (4.95)	23,798 (4.54)	23,838 (2.61)	31,671 (2.13)	33,650 (1.45)	57,737 (1.71)	70,934 (1.52)	91,287 (1.69)	97,991 (1.79)
State Highways	^	^	56,765 (6.20)	94,359 (6.35)	1,27,311 (5.47)	1,32,100 (3.92)	1,63,898 (3.50)	1,70,818 (3.16)	1,67,109 (3.05)
OPWD Roads	1,73,723 (43.44)	257,125 (49.02)	2,76,833 (30.26)	4,21,895 (28.40)	5,09,435 (21.89)	7,36,001 (21.82)	9,98,895 (21.36)	10,82,267 (20.03)	11,01,178 (20.12)
Rural Roads	2,06,408 (51.61)	197,194 (37.60)	3,54,530 (38.75)	6,28,865 (42.34)	12,60,430 (54.15)	19,72,016 (58.46)	27,49,804 (58.80)	33,04,328 (61.16)	33,37,255 (61.00)
Urban Roads	0 (0.00)	46,361 (8.84)	72,120 (7.88)	123,120 (8.29)	1,86,799 (8.03)	2,52,001 (7.47)	4,11,679 (8.80)	4,57,467 (8.47)	4,67,106 (8.54)
Project Roads	0 (0.00)	0 (0.00)	1,30,893 (14.31)	1,85,511 (12.49)	2,09,737 (9.01)	2,23,665 (6.63)	2,81,628 (6.02)	2,96,319 (5.49)	3,01,505 (5.50)
<b>Total</b>	<b>3,99,942</b>	<b>5,24,478</b>	<b>9,14,979</b>	<b>14,85,421</b>	<b>23,27,362</b>	<b>33,73,520</b>	<b>46,76,838</b>	<b>54,02,486</b>	<b>54,72,144</b>

Note: Figures within parentheses indicate per cent to total road length in each road category.

^ Included in OPWD roads

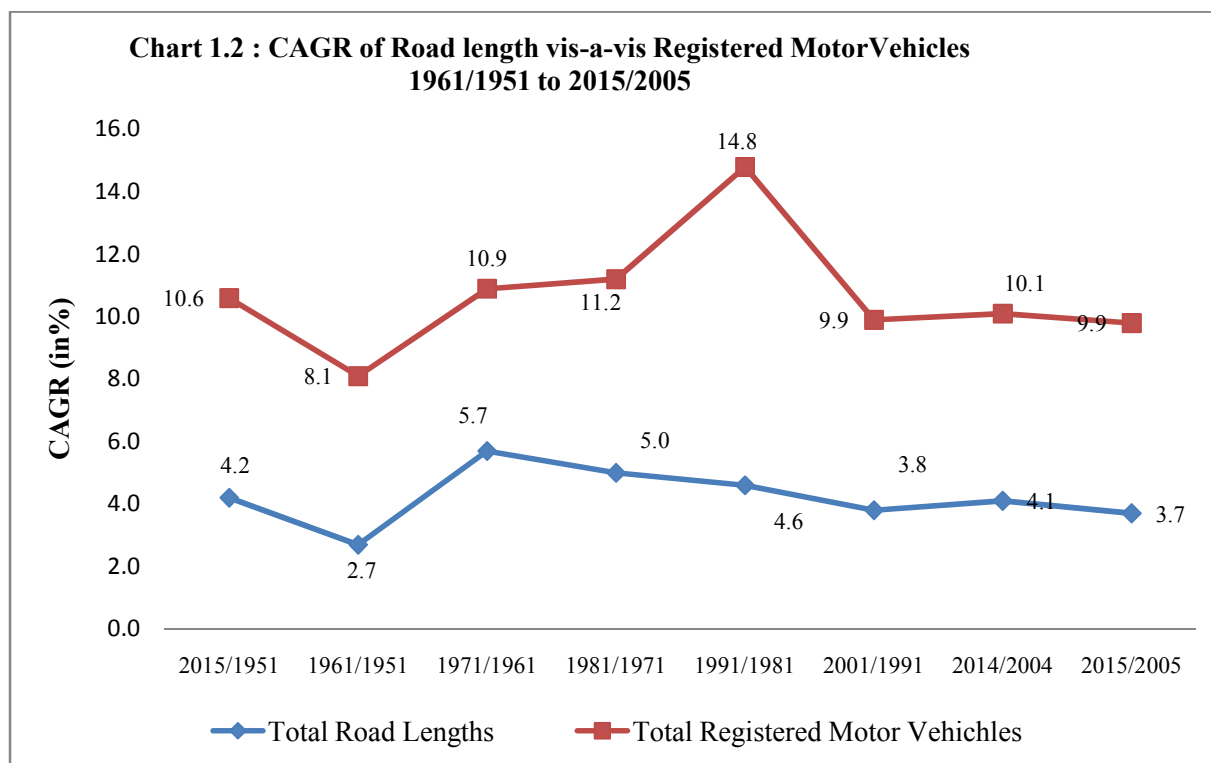
1.3 The total road length of the country increased significantly from 3.99 lakh kms during the period 31st March, 1951 to 54.02 lakh km during the period 2013-14 to 54.72 lakh kms upto the period 31st March 2015, growing at a Compound Annual Growth Rate (CAGR) of 4.2% during the year 1951 to 2015. While in 1951, the network of roads comprised of NHs, SHs, OPWD roads and rural roads; urban and project roads were added later on to the network of roads from 1961 and 1971 respectively. During the period 1951 to 2015, rural roads recorded the highest CAGR of 4.4% amongst the various categories of roads. The decade wise CAGR of road net work is illustrated in Table-1.2. The trend of growth in road length for the period 1950-51 to 2014-15 is also depicted in chart-1.1



1.4 During the past decade (2005 to 2015), the highest CAGR was that of urban roads (5.0%), followed by NH (4.1%), rural roads (3.9%), SH and OPWD (3.1%), and project roads (1.5%) (Table 1.2). During the same period, the registered motor vehicles grew at a CAGR of 9.9%. Table-1.2 shows the growth in total registered vehicles were greater than that of the road network throughout the period from 1951 to 2015. This is also portrayed in Chart-1.2.

**Table 1.2: CAGR (in %) of Road Networks and Total Registered Motor Vehicles – 1951 to 2015**

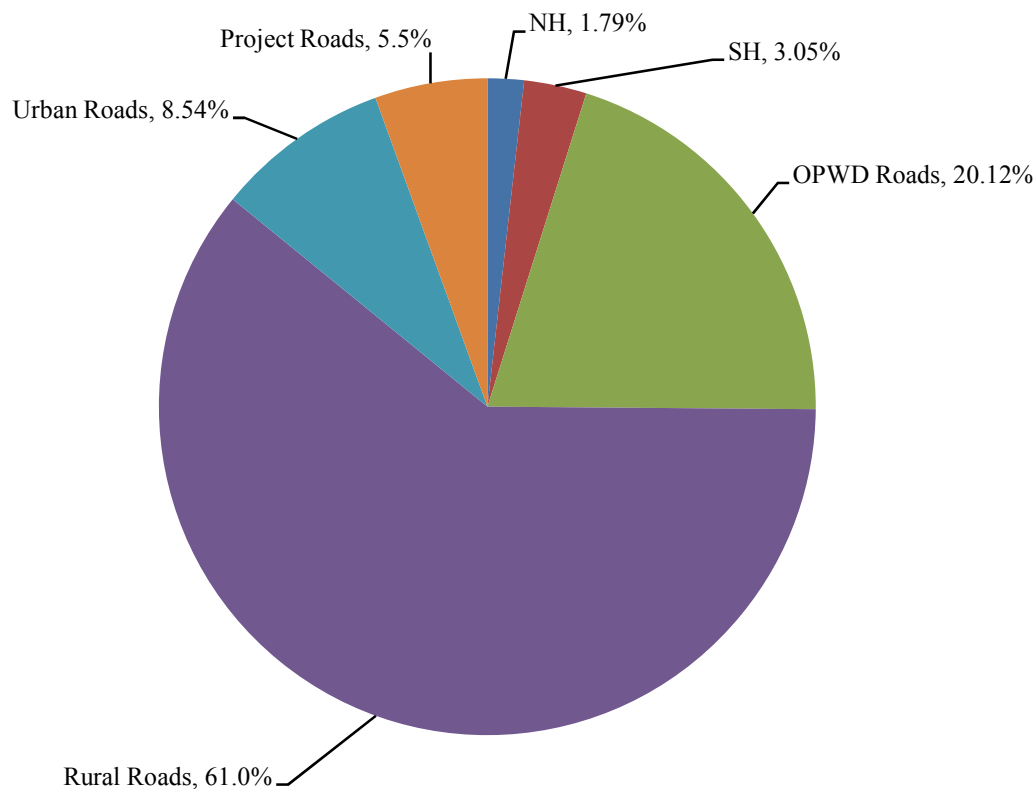
Period	Roads						Total Registered Motor Vehicles
	NHs	SHs & OPWD	Rural	Urban	Project	Total	
2015/1951	2.5	3.2	4.4	-	-	4.2	10.6
1961/1951	1.9	4	-0.5	-	-	2.7	8.1
1971/1961	0	2.6	6.0	4.5	-	5.7	10.9
1981/1971	2.9	4.5	5.9	5.5	2.1	5.0	11.2
1991/1981	0.6	2.1	7.2	4.3	1.2	4.6	14.8
2001/1991	5.5	3.1	4.6	3.0	0.6	3.8	9.9
2014/2004	3.4	3.9	4.4	4.3	1.3	4.1	10.1
2015/2005	4.1	3.1	3.9	5.0	1.5	3.7	9.9



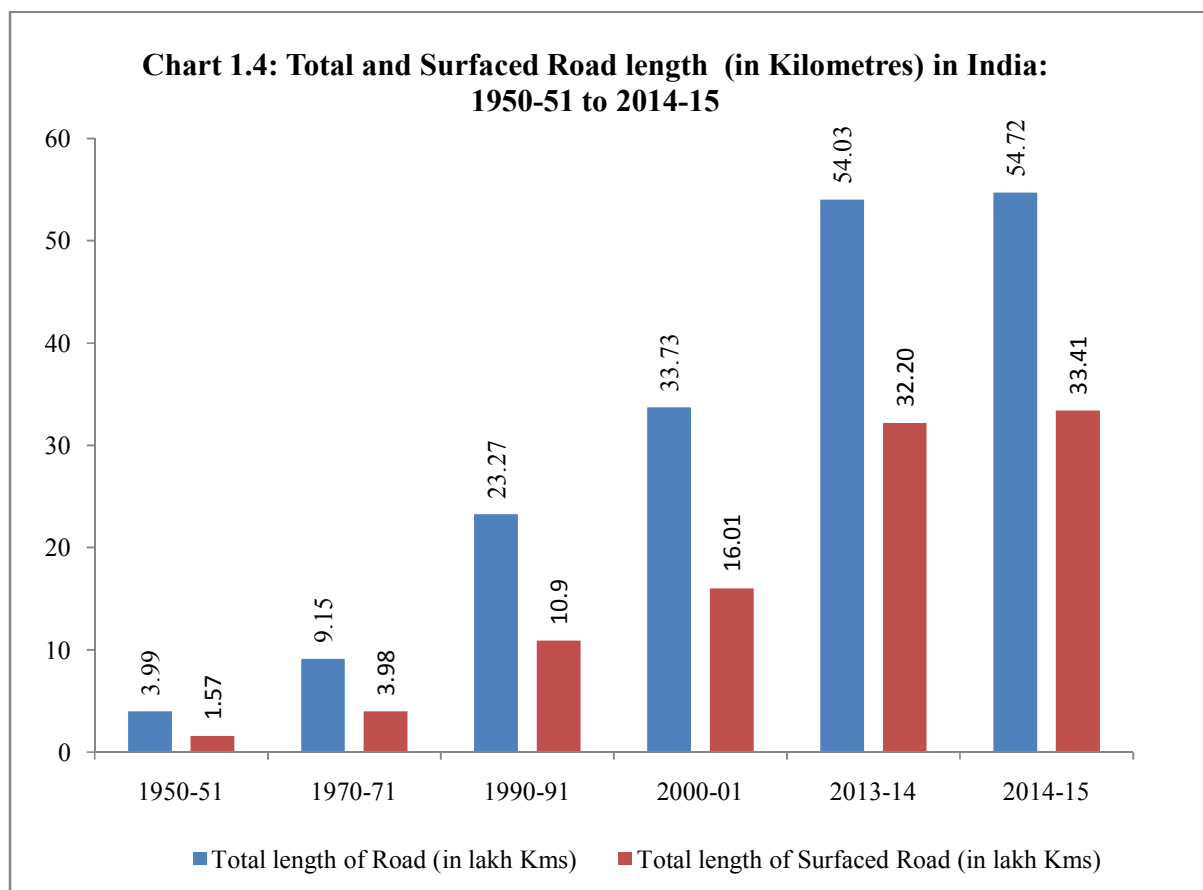


1.5 The largest share in the road network as on 31st March 2015 were that of rural roads (61.0%) (Chart 1.3). Other PWD Roads accounted for the second highest share (20.12%), followed by Urban Roads (8.54%), Project Roads (5.5%), State Highways (SHs) (3.05%) and National Highways (NHs) (1.79%). As evident from Table 1.1 and Chart 1.3, the share of NHs in the total length of road network decreased from 4.95% for the period up to 31st March 1951 to 1.79% for the period up to 31st March, 2015 from the total road length of the country. The share of SHs and OPWD roads together was 43.44% as on 31st March 1951. Their share reduced to 23.17% as on 31st March, 2015. The share of urban roads has more or less remained the same with a marginal reduction to 8.54% as on 31st March 2015 from 8.84% as on 31st March 1961. The share of project roads declined from 14.31% as on 31st March 1971 to 5.5% as on 31st March 2015.

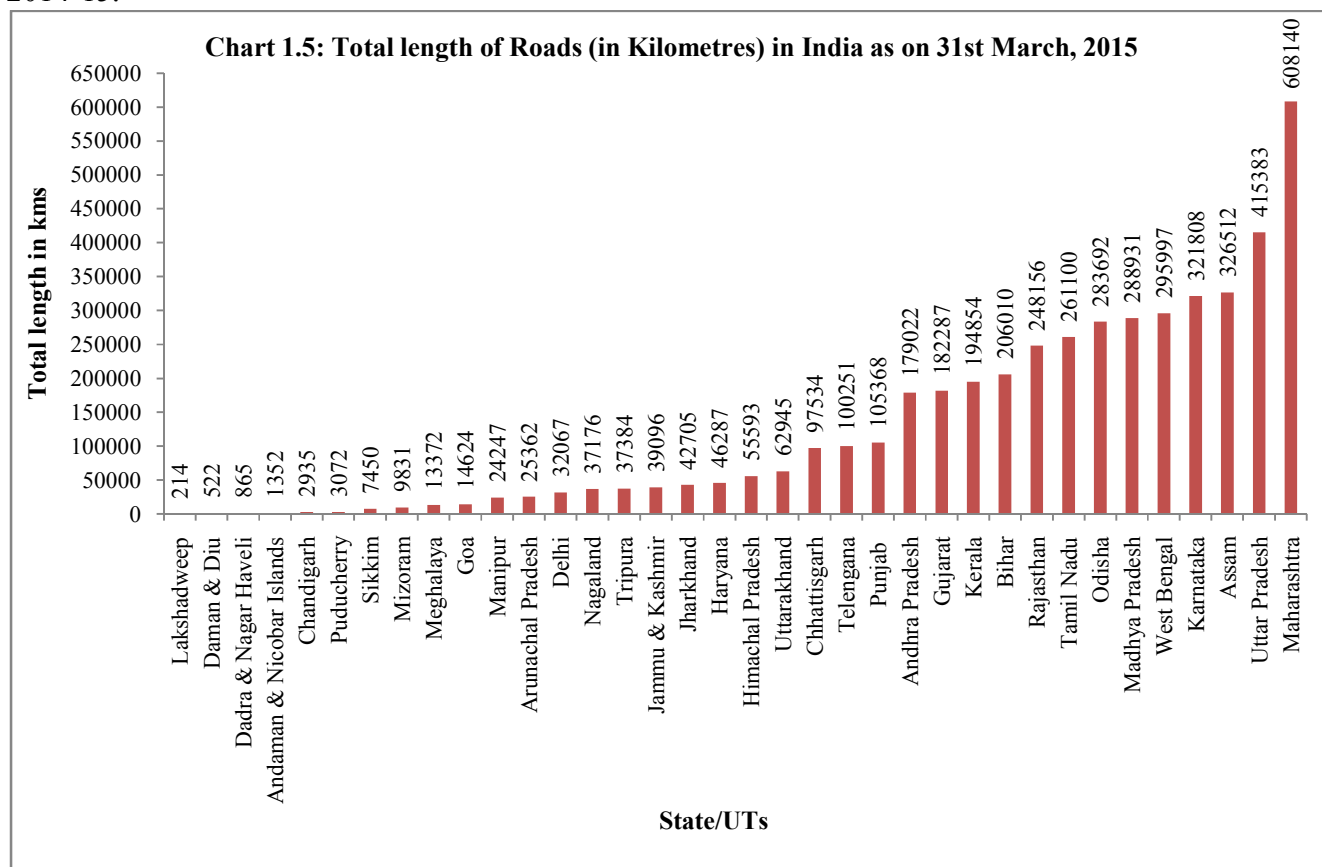
**Chart 1.3 :Share of Road length in total road length by Categories: 2014-15**



1.6 Along with the increase in the total road length, the surfaced road length too increased. The latter grew from 1.57 lakh kms as on 31st March 1951 to 33.41 lakh kms as on 31st March 2015 (Chart 1.4). Surfaced roads formed 39.26% of the total road length as on 31st March, 1951. Their share increased to 61.05% as on 31st March, 2015. Details are at annexure 1.7.



1.7 Maharashtra recorded the highest road length both during 2013-14 and 2014-15. The total road length of Maharashtra was 6,08,140 km during 2014-15(chart 1.5). This is about 13.3% of the total road length during 2014-15 excluding Jawahar Rojgar Yojana roads. The five states with the largest road networks, viz. Maharashtra, Uttar Pradesh, Assam, Karnataka and West Bengal, accounted for about 43.04 % of the total road length of the country during 2014-15.



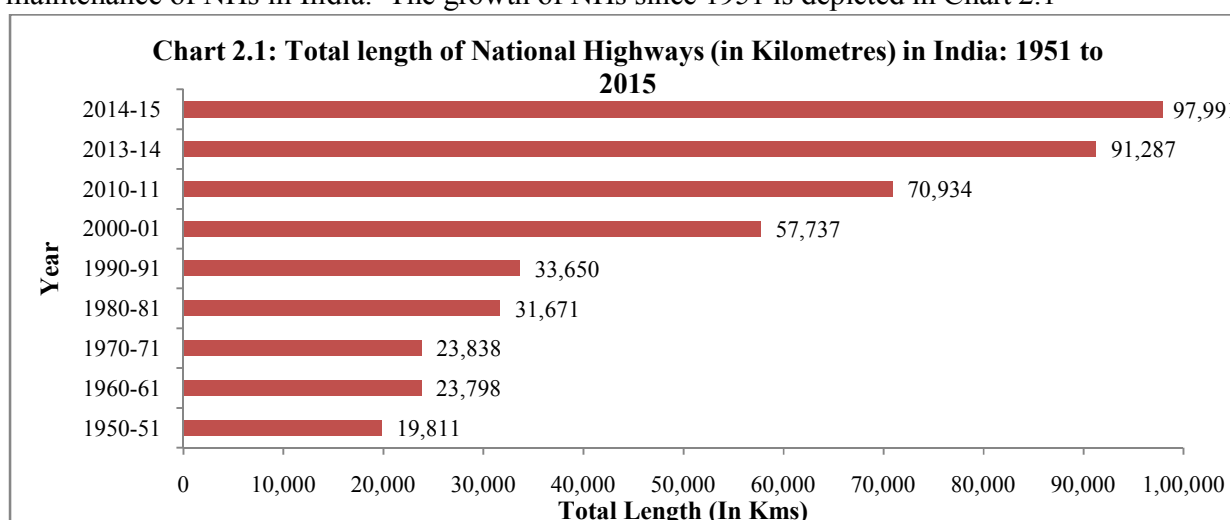
1.8 The average road density of India per 100 square kms of area was 164 kms as on 31st March 2014 and 166 kms as on 31st March 2015. The average road length per lakh population was 436 kms for both the period as on 31st March, 2014 and 2015. The length of NHs per 100 square kms of area was 2.78 kms as on 31<sup>st</sup> March, 2014 and 2.98 kms as on 31st March, 2015, while the length of NHs per lakh of population was 7.37 kms as on 31<sup>st</sup> March, 2014 and 7.81 kms as on 31st March, 2015.

Figures of population have been taken from Office of the Registrar General & Census Commissioner, India. Projected total population of India for 2014 is 1238887 thousand and 2015 is 1254019 thousand.

## Section – 2

### National Highways in India

2.1 National Highways (NHs) are the arterial roads of the country for movement of passengers and goods. They traverse the length and width of the country, connecting State capitals, major ports, rail junctions and link up with border roads and foreign highways. Ministry of Road Transport & Highways, Government of India, is responsible for the development and maintenance of NHs in India. The growth of NHs since 1951 is depicted in Chart 2.1



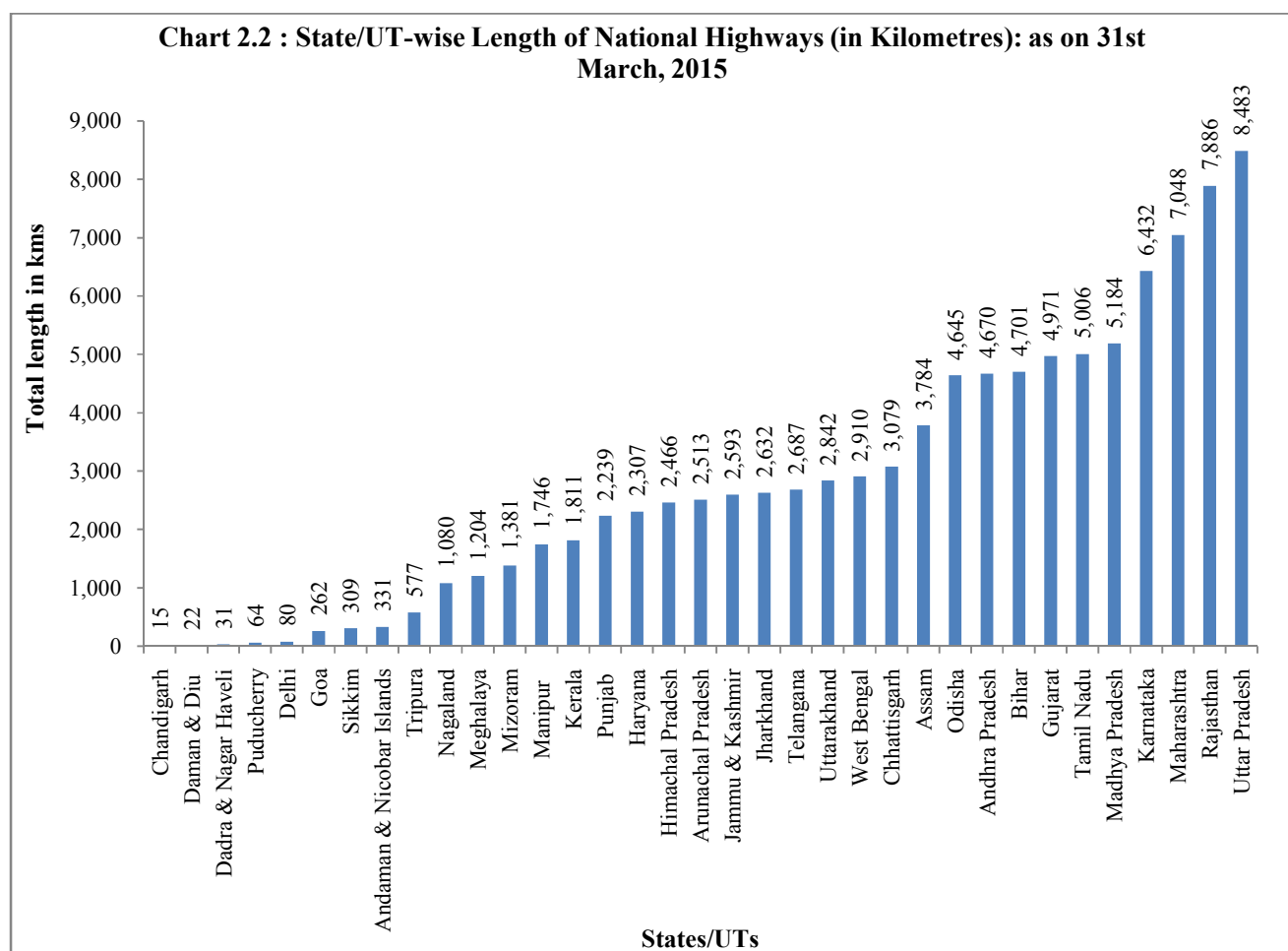
2.2 All NHs are surfaced. As on 31st March 2015, two-lane NHs constituted the largest share of NHs, i.e. 49.74 and 46.64% in the total length of NHs, during 2013-14 and 2014-15 respectively. This was followed by less than two lane NHs and four lane & above NHs. The share of single lane NHs during 2013-14 were 30.14% and 31.73% during 2014-15. Four lane and above constituted a share of 20.12% during 2013-14 and 21.63% during 2014-15. Compared to 2013-14, there was an increase in terms of proportion in two categories of NHs, viz. less than two lane and four lanes & above NHs. (Table 2.1).

**Table 2.1: Lane-wise Break-up of National Highways - 2013-2014 to 2014-15**

Number of Lanes	As on 31 <sup>st</sup> March, 2014	As on 31 <sup>st</sup> March, 2015
Less than Two Lane	27,516 (30.14)	31,089 (31.73)
Two –Lane	45,399 (49.74)	45,701 (46.64)
Four- Lane & Above	18,372 (20.12)	21,201 (21.63)

(Figures in parentheses are proportion of total length of NHs)

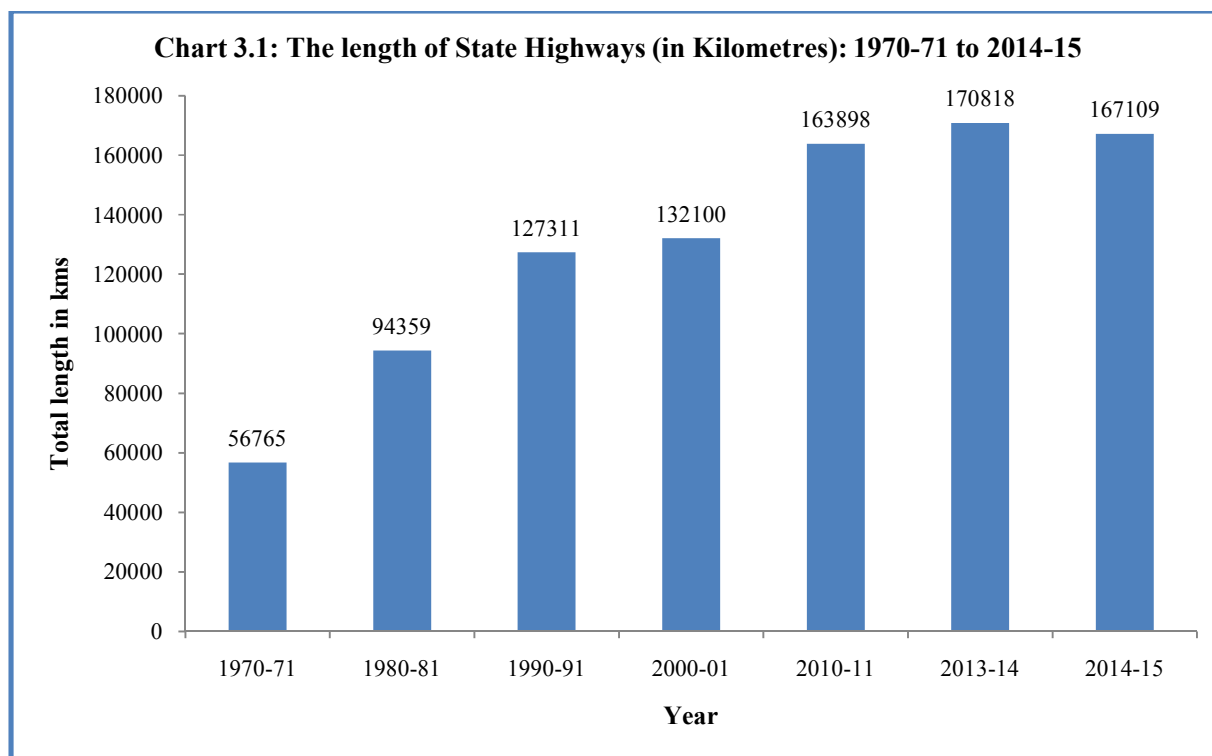
2.3 Uttar Pradesh accounted for the largest share (8.7%) in the total length of NHs as on 31<sup>st</sup> March 2015, followed by Rajasthan (8.03%), Maharashtra (7.2%), Karnataka (6.6%) and Madhya Pradesh (5.3%). These five States accounted for about 35.75% of the total road length of NHs. This is illustrated in chart 2.2. State wise details are at annexure 2.1 and 2.2.



## Section – 3

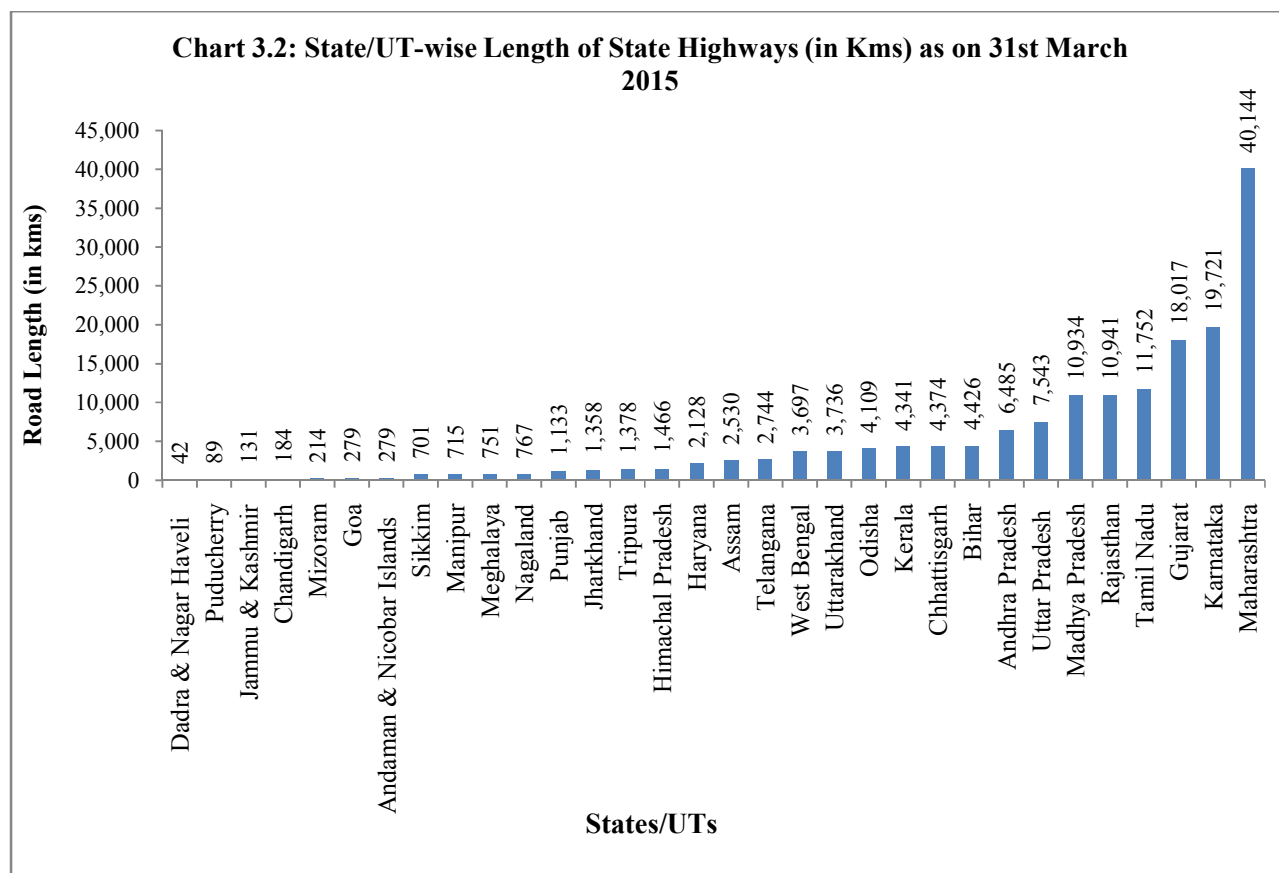
### State Highways in India

3.1 State Highways (SHs) are the arterial roads within a State. They traverse the length and width of a state connecting the state capital, district headquarters and important towns and cities. These roads are constructed and maintained by State/ Union Territory Public Works Department (PWD). The growth of SH since 1970-71 is depicted in Chart 3.1



3.2 The total length of State Highways as on 31<sup>st</sup> March, 2015 has declined to 1,67,109 kms as against 1,70,818 kms as on 31<sup>st</sup> March, 2014 due to conversion of State Highways into National Highways. As on 31st March, 2015, around 98.90% of SH roads were surfaced out of total length of State Highways. Out of total length of surfaced SHs, Bituminous Top (BT) and Cement Concrete (CC) roads accounted for about 99.0% and the remaining were Water Bound Macadam (WBM) during the period upto March, 2015.

3.3 The State/UT-wise break-up of SHs shows that Maharashtra accounted for the largest share both for the period upto March, 2014 and 2015. Maharashtra accounted for a share of 24.0% as on 31<sup>st</sup> March 2015, followed by Karnataka (11.8%), Gujarat (10.8%), Tamil Nadu (7.0 %) and Rajasthan (6.6%) (Chart 3.2) These five States accounted for about 60.19% of the total length of SHs. State wise details are at annexure 3.1 to 3.6 for 2013- 14 and 2014-15.

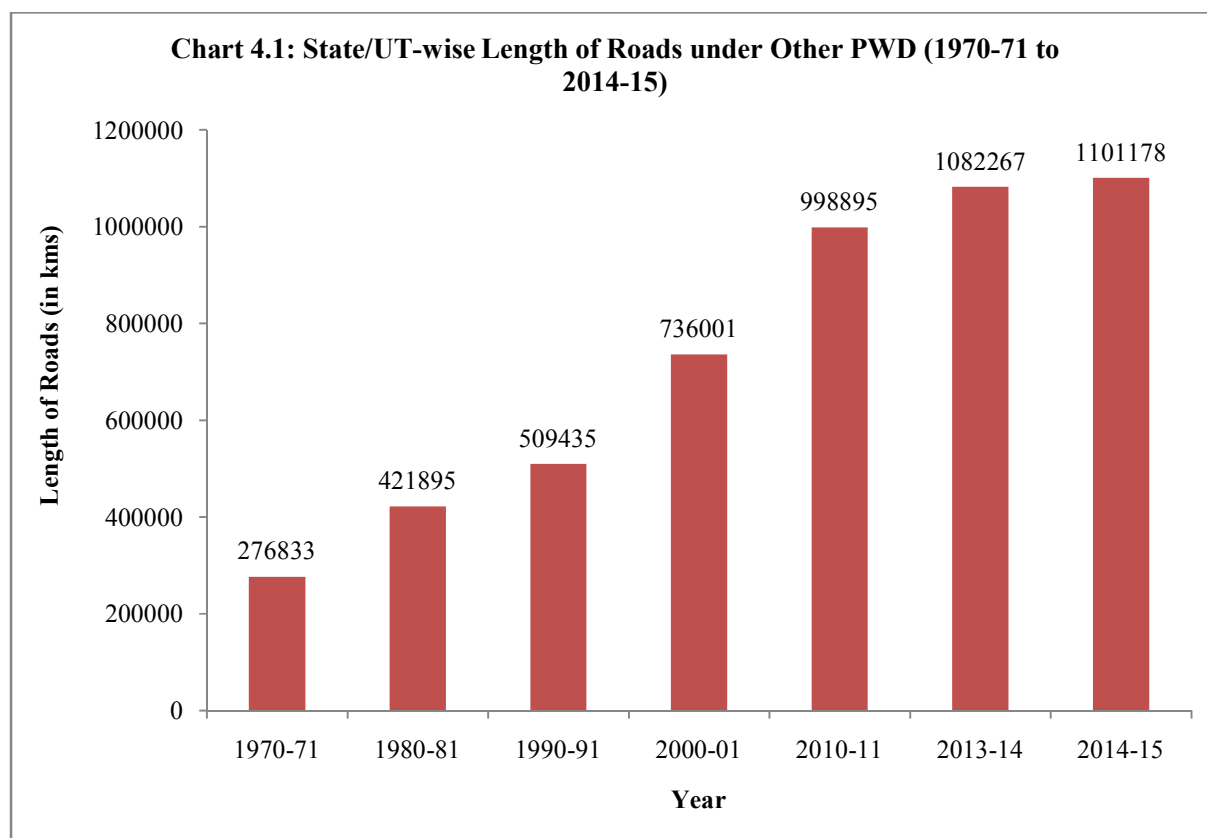




## Section – 4

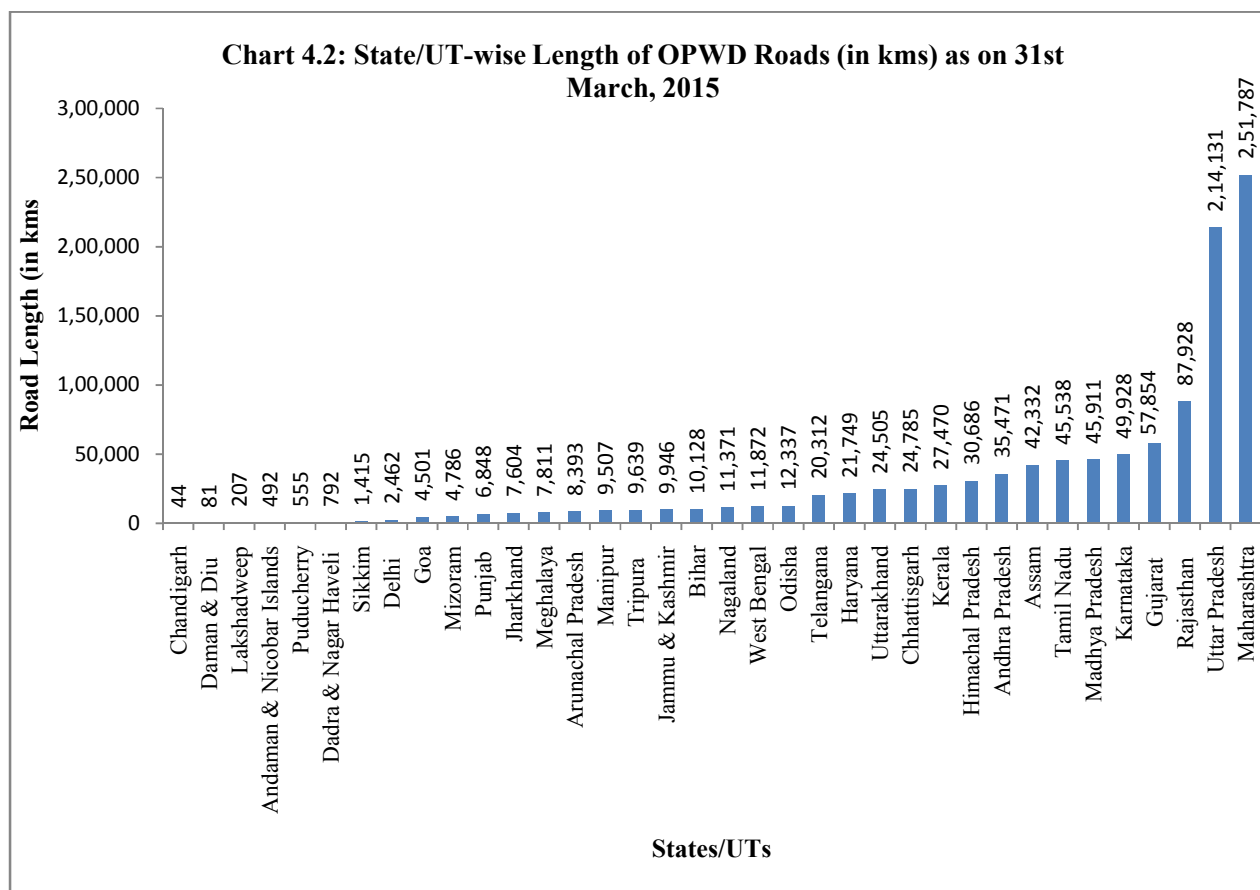
### Other Public Works Department Roads in India

4.1 Other Public Works Department (OPWD) roads, consists of district roads and rural roads developed and maintained by Public Works Department of the State/UTs. These roads serve as the main roads for intra-district movements. The growth in OPWD roads since 1970-71 is depicted in Chart 4.1.



4.2 Out of total length of OPWD Roads around 87.24 and 88.4% were surfaced as on March, 2014 and 2015. Out of the total length of surfaced OPWD Roads, Bituminous Top (BT) and Cement Concrete (CC) roads accounted for about 91% and the remaining were Water Bound Macadam (WBM) as on March, 2014 and 2015.

4.3 The State/UT-wise break-up of OPWD Roads shows that Maharashtra accounted for the largest share both in 2014 and 2015. The State accounted for a share of (22.9%) in total length of OPWD Roads as on 31<sup>st</sup> March 2015, followed by Uttar Pradesh (19.4%), Rajasthan (8.0%), Gujarat (5.3%) and Karnataka (4.5%) (Chart 4.2). These five States accounted for about 60.0% of the total length of OPWD Roads. State wise details are illustrated at annexure 4.1 to 4.6 for the period 2013-14 and 2014-15.

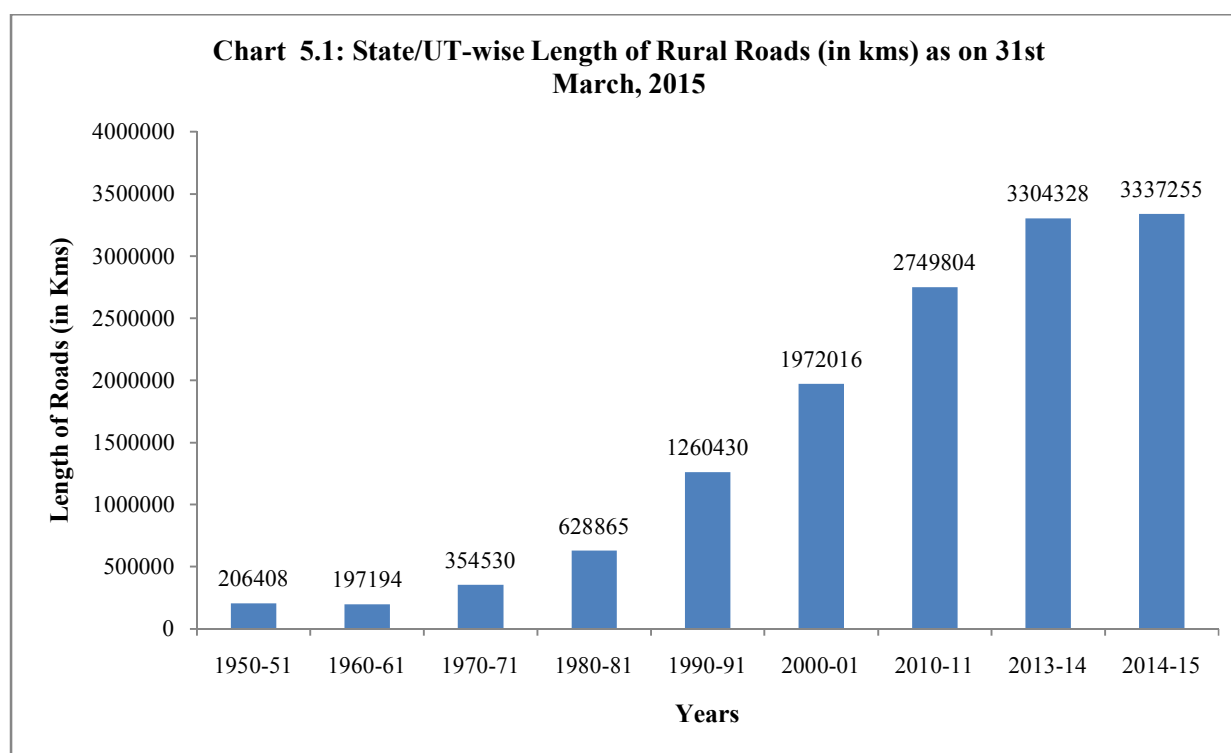


## Section – 5

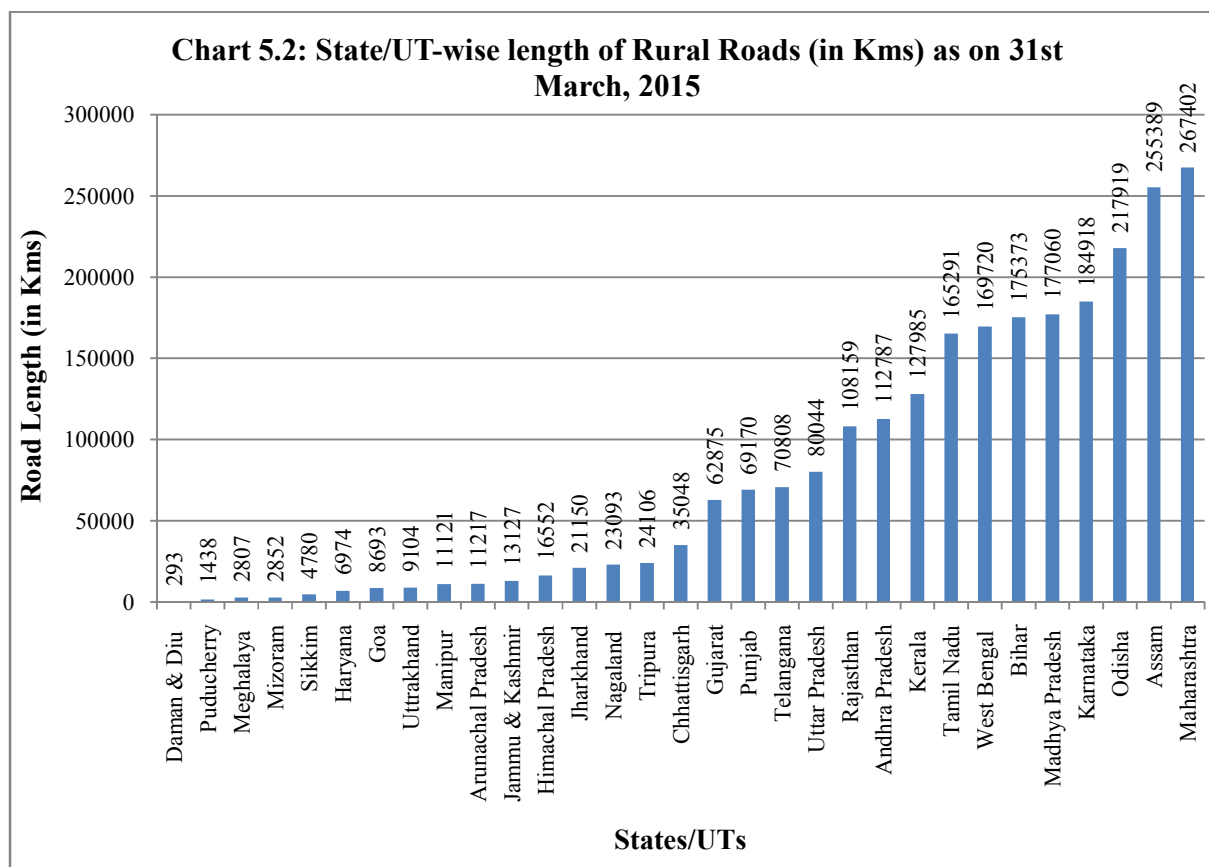
### Rural Roads in India

5.1 Rural Roads consist of Panchayati Raj roads (Zilla Parishad roads, Village Panchayat roads and Community Development/Panchayat Samiti roads) and roads constructed under Jawahar Rozgar Yojana (JRY) and Pradhan Mantri Gram Sadak Yojana (PMGSY).

5.2 The total length of Rural Roads as on 31<sup>st</sup> March, 2014, were 33,04,328 km and 33,37,255 km as on March, 2015. Out of 33,37,255 km rural roads upto 31<sup>st</sup> March, 2015, 18,31,043 kms of Panchayati Raj Roads were reported by various departments of Panchayati Raj (Zilla Parishad Roads, Village Panchayat Roads and Community Development/Panchayat Samiti Roads), 6,06,212 kms of PMGSY Roads by National Rural Road Development Agency (NRRDA), Ministry of Rural Development and the remaining 9 lakhs kms (nine lakh kms) of roads were constructed under Jawahar Rozgar Yojana (JRY). The growth of rural roads since 1950-51 is presented in Chart 5.1



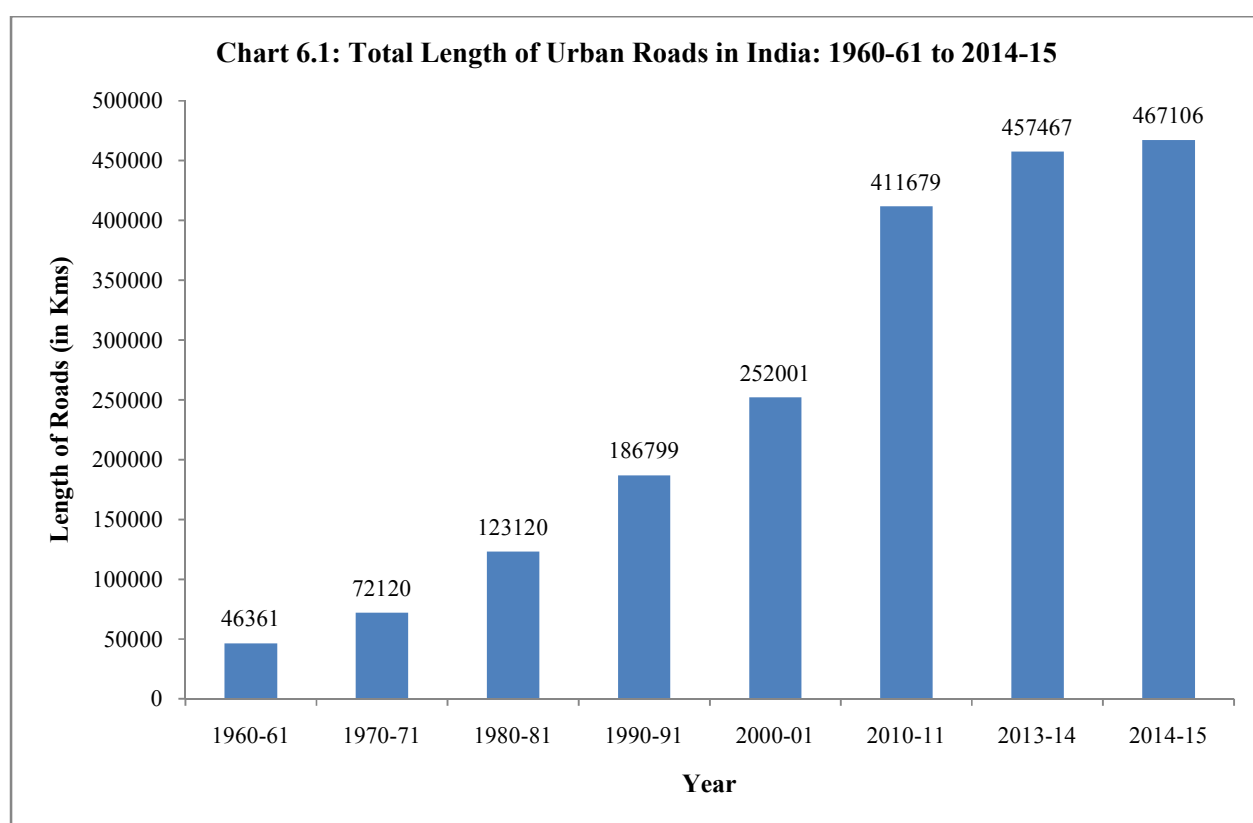
5.3 The State/UT-wise break-up of Rural Roads shows that Maharashtra accounted for the largest share both in 2013-14 and 2014-15. The State accounted for a share of 11% in total length of Rural Roads as on 31<sup>st</sup> March 2015, followed by Assam (10.5%), Odisha (8.9%), Karnataka (7.6%) and Madhya Pradesh (7.3%) (Chart-5.2). These five States accounted for about 43.9% of the total length of Rural Roads. State wise details are at annexure 5.1 to 5.6 for the period 2013-14 and 2014-15.



## Section – 6

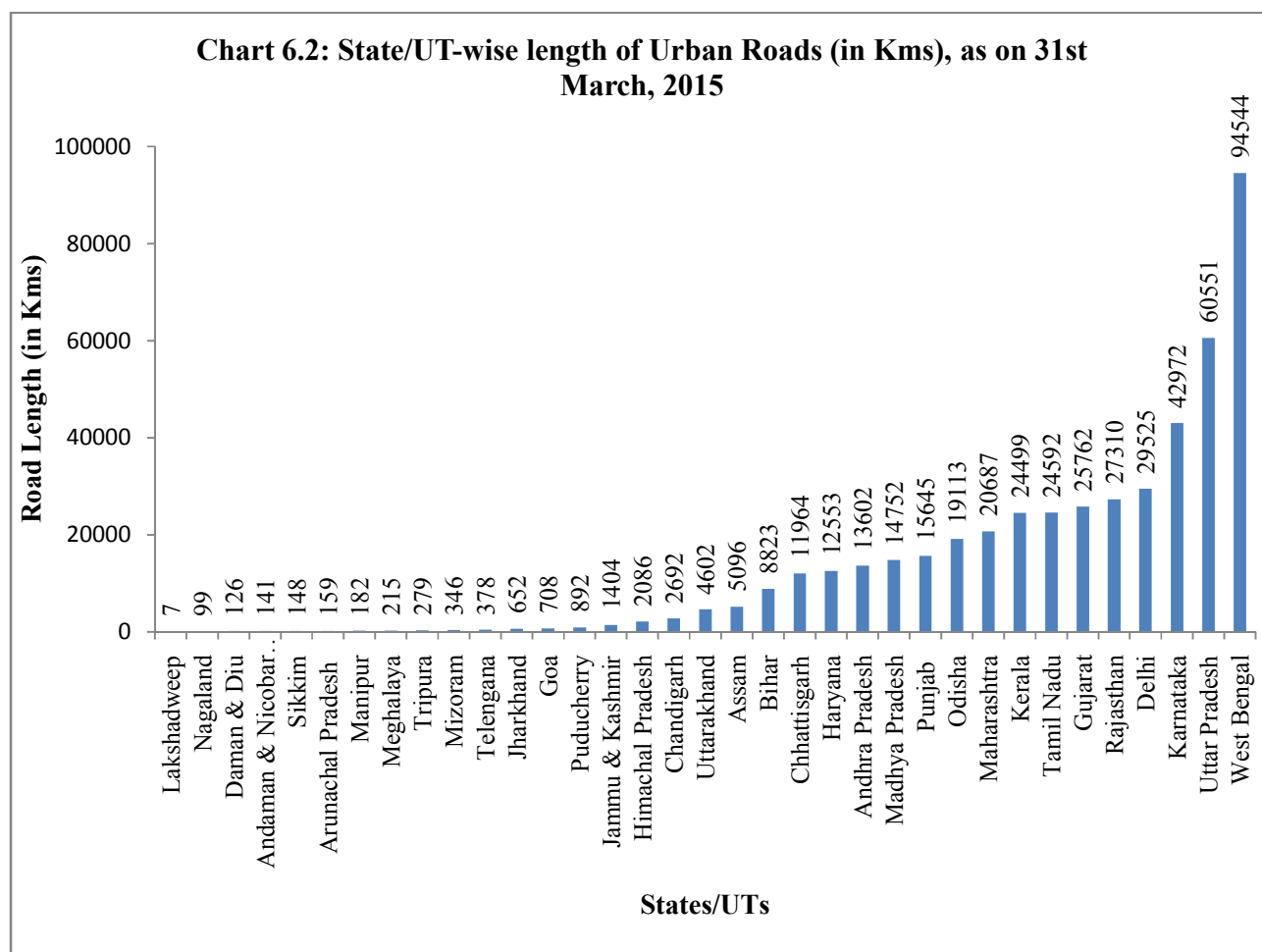
### Urban Roads in India

6.1 Urban Roads consist of Municipal Roads, roads constructed under Military Engineering Services (MES), Railways Roads, Major Port Roads and Minor Port Roads. The total length of urban roads since 1960-61 is shown in Chart 6.1



6.2 Within the category of Urban Roads, municipal roads accounted for the highest share of 94.43%, followed by MES roads (2.78%), railways roads (2.55%), major ports roads (0.17%) and minor ports roads (0.06%) for the period up to March, 2015. A comparative table for 2013-14 and 2014-15 is at annexure 6.1 to 6.14.

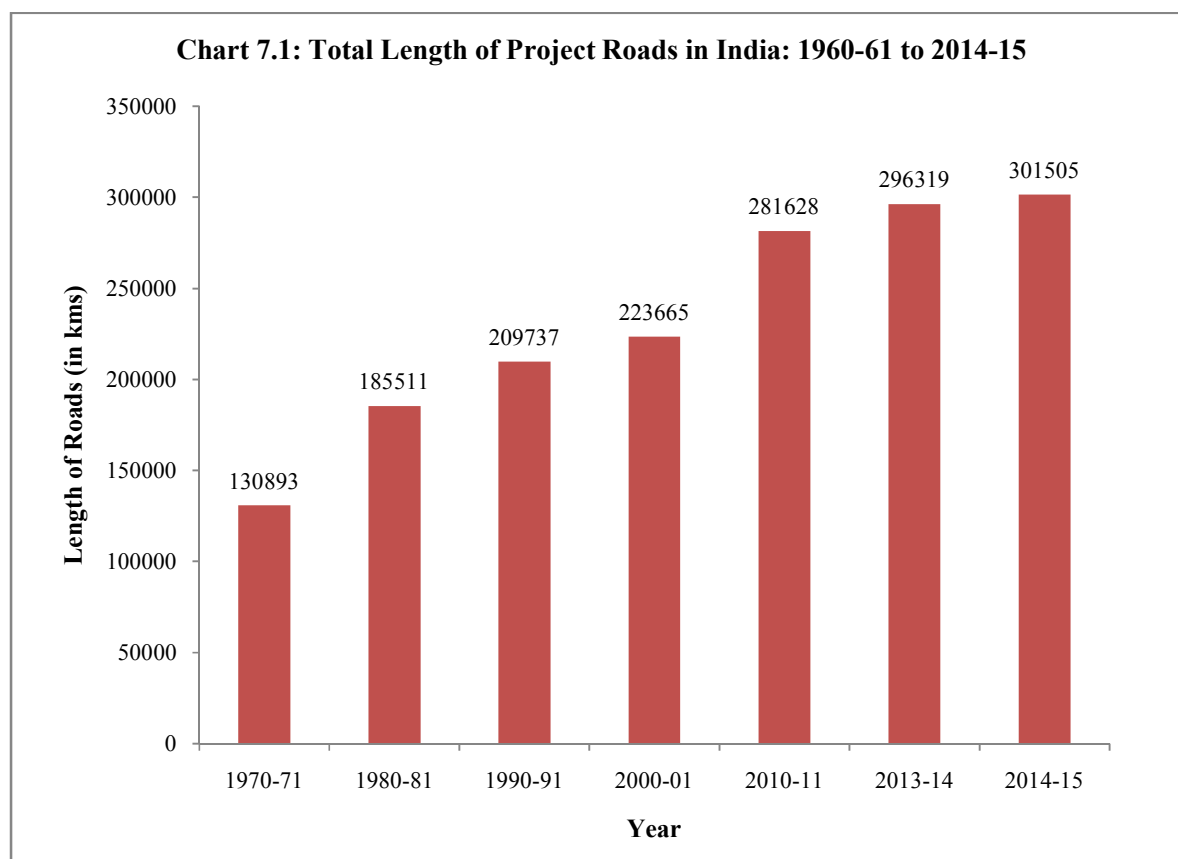
6.3 The State/UT-wise break-up of Urban Roads shows that West Bengal accounted for the largest share (20.2%) in total length of Urban Roads as on 31<sup>st</sup> March 2015, followed by Uttar Pradesh 13.0%), Karnataka (9.2%), Delhi (6.3%) and Rajasthan (5.8%) (Chart 6.2). These five States accounted for about 54.6% of the total length of Urban Roads. State wise details are at annexure 6.1 to 6.14 for the period 2013-14 and 2014-15.



## Section – 7

### Project Roads in India

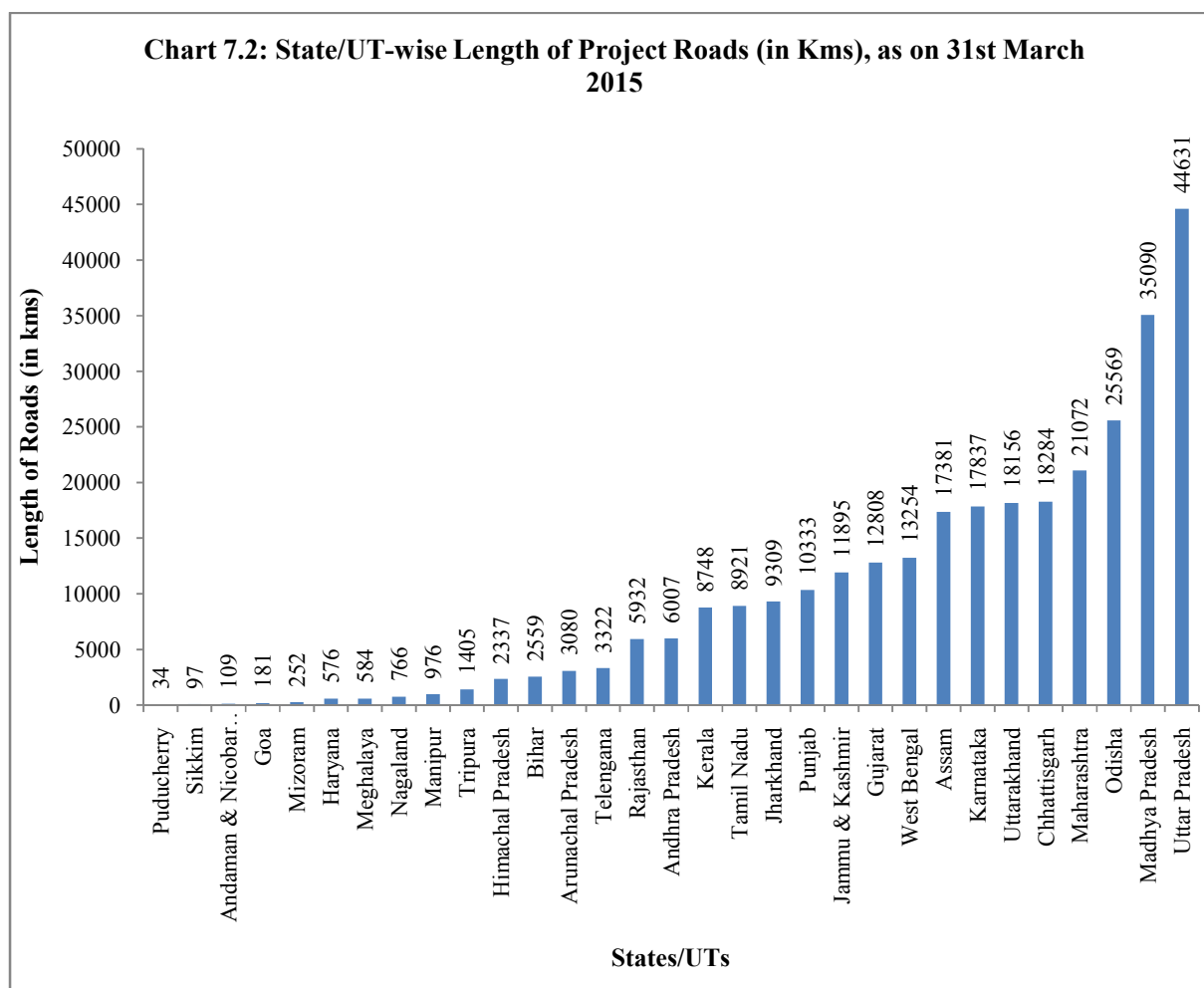
7.1 Project Roads include roads built by State/UT Forest Departments, Irrigation Departments, Electricity Departments, Sugarcane Departments, Coal Departments, Steel Authority of India Limited (SAIL), National Mineral Development Corporation (NMDC) and Border Roads Organisation (BRO). The growth in the length of Project Roads since 1971 is depicted in Chart 7.1.



7.2 Out of the total length of Project Roads as on 31st March, 2015, Forest Department Roads accounted for the highest share of 56.57%, followed by Irrigation Department Roads (33.50%), BRO Roads (1.77%) and remaining constituted 8.16%. A comparative table for 2013-14 is also illustrated at Annexure 7.1 to 7.18.



7.3 The State/UT-wise break-up of Project Roads shows that Uttar Pradesh accounted for the largest share (14.8%) in total length of Project Roads as on 31st March 2015, followed by Madhya Pradesh (11.7%), Odisha (8.5%), Maharashtra (7.0%) and Chhattisgarh (6.1%).(Chart 7.2). These five States accounted for about 48.0% of the total length of Project Roads. State wise details are at annexure 7.1 to 7.18 for the period 2013-14 and 2014-15 respectively.



## Section – 8

### International Comparison of Road Network

8.1 As on 31<sup>st</sup> March 2015, India's road density at 1.66 kms/sq.km of area was higher than that of Japan (0.90 km/ sq km), USA (0.67 km/ sq km), China (0.46 km/ sq. km), Brazil (0.18 km/sq.km) and Russian Federation (0.08 km/ sq km) (Table 8.1). The paved/surfaced road length in India was 61.05 per cent of the total road length which was much lower as compared to United Kingdom, Korea, Russia and China. National Highways (NHs) in India, which accounted for 1.79 % of the total length as on 31<sup>st</sup> March 2015 was much lower than that of the developed countries of the world such as Japan, Korea Republic and United Kingdom.

**Table 8.1: Major Road Indicators across Select Countries (2013)**

Country		Road Density (km/sq km)	Share of Paved Road (%)	Road Length in Kilometer		
				Total Highways	Motorways	National Highways
1	2	3	4	5	6	
Brazil	0.18	13.0	15,61,920	NA	77,981 (4.99)	
China	0.46	67.89	43,56,218	1,04,438 (2.40)	74,491 (1.71)	
France	1.94	100.0	10,64,862	11,649 (1.09)	8,898 (0.84)	
India	2013-14	1.64	59.61	54,02,486	NA	91,287 (1.69)
	2014-15	1.66	61.05	54,72,144	NA	97,991 (1.79)
Japan	0.91	NA	3,43,740	8,358 (2.43)	51,489 (14.98)	
Korea, Republic	1.06	82.51	1,06,414	4,112 (3.86)	13,843 (13.01)	
Russian Federation	0.08	70.54	13,95,603	475 (0.03)	50388 (3.6)	
United Kingdom	1.73	100.00	4,20,949	3,756 (0.89)	49,038 (11.65)	
United States of America	0.67	65.78	65,50,896	73,366 (1.11)	24,297 (0.37)	
Sources: For India - Transport Research Wing, Ministry of Road Transport & Highways For all other countries - 'World Road Statistics 2015', published by International Road Federation, Geneva. Figures in columns 2,3 and 4 refer to the calendar year, for India, figures are for financial year while in columns 5 and 6, figures in parentheses indicate the percentage share of the category in total road length. N.A.: Information not available.						

## Section – 9

### Initiatives taken by Ministry of Road Transport and Highways for improving road network in the country

The Ministry of Road Transport and Highways (MoRTH), New Delhi has taken up development of NHs under various phases of National Highways Development Project (NHDP), Special Accelerated Road Development Programme for the North East Region (SARDP-NE) including Arunachal Pradesh Package of Roads, Special Programme for Development of Roads in the Left Wing Extremism (LWE) affected areas, National Highways Interconnectivity Improvement Project (NHIIP), etc.

The Ministry gives due considerations for expansion of the National Highways network from time to time keeping in view the requirements of connectivity, inter-se priority and availability of funds.

#### Sector Policy

a. Development and maintenance of road infrastructure is a key Government priority- the sector has received strong budgetary support over the years

b. Standardized processes for PPP and public funded projects and a clear policy framework relating to bidding and tolling have been developed over the years. Major policy initiatives undertaken by MoRTH during last two years include: -

**i. Mode of Delivery:** - MoRTH is now empowered to decide on mode of delivery of projects- EPC/PPP

**ii. Enhanced Inter-Ministerial coordination-** An Infrastructure Group has been created under Chairmanship of Hon'ble Minister (RTH&S) to resolve approval /clearance issues related to Environment & Forests, Railways and Defense. Most of the issues have been resolved.

**Table 9.1: Allocation/Expenditure and Award & Construction**

(Amount in Rs. Crore, Length in Km.)

Sl. No.	Particulars	2013-14		2014-15	
		Allocation	Expenditure	Allocation	Expenditure
1.	Central Road Sector (GBS)	20,923.96	20,817.84	24,807.40	24,472.56
2.	IEBR	8,000.00	7,942.13	7,611.11	3,343.40
3.	Private Sector Investment		22,515.05		19,232.44
4.	CRF (State Roads)	2,971.41	2,923.72	2,646.81	2,094.78
5.	M&R of NHs (Non Plan)	1,849.15	1,721.34	2,599.25	2,534.24
6.	Length awarded	3,169		7,972	
7.	Length constructed	4,260		4,410	

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**ANNEXURE**

**ROAD LENGTH (TOTAL AND SURFACED)**

**ALL INDIA AND STATE-WISE**

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**Annexure No. 1.1**  
**TOTAL AND SURFACED ROAD LENGTH BY CATEGORIES IN INDIA**  
**AS ON 31st MARCH 2014**

(in kms)		
India/Category	Total	Surfaced
1	2	3
<b>1. National Highways</b>	<b>91,287</b>	<b>91,287</b>
<b>2. State Highways</b>	<b>1,70,818</b>	<b>1,68,953</b>
<b>3. Other PWD Roads</b>	<b>10,82,267</b>	<b>9,44,189</b>
<b>4. Rural Roads **</b>	<b>24,04,328</b>	<b>14,08,176</b>
(i) Panchayati Raj Roads (Zilla Parishad/ Village Panchayat / CD/ Panchayat Samiti Roads)	18,00,747	9,62,537
(ii) PMGSY Roads	6,03,581	4,45,639
<b>5. Urban Roads</b>	<b>4,57,467</b>	<b>3,38,459</b>
(i) Municipal Roads	4,32,083	3,14,668
(ii) MES Roads	12,789	12,653
(iii) Railway Roads	11,508	10,097
(iv) Major Port Roads	800	789
(v) Minor Port Roads	287	252
<b>6. Project Roads</b>	<b>2,96,319</b>	<b>86,237</b>
(i) Forest Department Roads	1,65,488	27,572
(ii) Irrigation Department Roads	1,01,053	33,477
(iii) Electricity Department Roads	4,815	4,494
(iv) Sugarcane Authority Roads	13,816	10,281
(v) Coal Mine Roads	3,093	2,967
(vi) SAIL & NMDC Roads	2,709	2,535
(vii) BRO Roads	5,345	4,911
<b>All India (Excluding JRY Roads)</b>	<b>45,02,486</b>	<b>30,37,300</b>
<b>All India* (Including JRY Roads)</b>	<b>54,02,486</b>	<b>32,20,502</b>

\*: Includes rural roads constructed under Jawahar Rozgar Yojana.

\*\*: excludes rural roads constructed under Jawahar Rozgar Yojana.

**Annexure No. 1.2**  
**TOTAL AND SURFACED ROAD LENGTH BY CATEGORIES IN INDIA**  
**AS ON 31st MARCH 2015**

(in kms)		
India/Category	Total	Surfaced
1	2	3
<b>1. National Highways</b>	<b>97,991</b>	<b>97,991</b>
<b>2. State Highways</b>	<b>1,67,109</b>	<b>1,65,272</b>
<b>3. Other PWD Roads</b>	<b>11,01,178</b>	<b>9,73,088</b>
<b>4. Rural Roads **</b>	<b>24,37,255</b>	<b>14,86,069</b>
(i) Panchayati Raj Roads (Zilla Parishad/ Village Panchayat / CD/ Panchayat Samiti Roads)	18,31,043	9,86,075
(ii) PMGSY Roads	6,06,212	4,99,994
<b>5. Urban Roads</b>	<b>4,67,106</b>	<b>3,46,796</b>
(i) Municipal Roads	4,41,109	3,22,996
(ii) MES Roads	12,995	12,859
(iii) Railway Roads	11,913	9,899
(iv) Major Port Roads	800	789
(v) Minor Port Roads	289	253
<b>6. Project Roads</b>	<b>3,01,505</b>	<b>88,590</b>
(i) Forest Department Roads	1,70,558	29,963
(ii) Irrigation Department Roads	1,00,995	33,462
(iii) Electricity Department Roads	4,916	4,598
(iv) Sugarcane Authority Roads	14,084	10,293
(v) Coal Mine Roads	3,120	2,996
(vi) SAIL & NMDC Roads	2,739	2,557
(vii) BRO Roads	5,093	4,721
<b>All India (Excluding JRY Roads)</b>	<b>45,72,144</b>	<b>31,57,806</b>
<b>All India* (Including JRY Roads)</b>	<b>54,72,144</b>	<b>33,41,008</b>

\*: Includes rural roads constructed under Jawahar Rozgar Yojana.

\*\*: excludes rural roads constructed under Jawahar Rozgar Yojana.

**Annexure No. 1.3**  
**ROAD LENGTH BY CATEGORIES AND BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2014**

India/Category	Total	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
<b>1. National Highways</b>	<b>91,287</b>	<b>91,287</b>	<b>0</b>	<b>91,287</b>	<b>0</b>
<b>2. State Highways</b>	<b>1,70,818</b>	<b>1,68,953</b>	<b>1,703</b>	<b>1,67,250</b>	<b>1,865</b>
<b>3. Other PWD Roads</b>	<b>10,82,267</b>	<b>9,44,189</b>	<b>86,646</b>	<b>8,57,543</b>	<b>1,38,078</b>
<b>4. Rural Roads</b>	<b>24,04,328</b>	<b>14,08,176</b>	<b>4,00,948</b>	<b>10,07,228</b>	<b>9,96,152</b>
(i) Panchayati Raj Roads (Zilla Parishad/ Village Panchayat / CD/ Panchayat Samiti Roads)	18,00,747	9,62,537	3,55,290	6,07,247	8,38,210
(ii) PMGSY Roads	6,03,581	4,45,639	45,658	3,99,981	1,57,942
<b>5. Urban Roads</b>	<b>4,57,467</b>	<b>3,38,459</b>	<b>40,671</b>	<b>2,97,788</b>	<b>1,19,008</b>
(i) Municipal Roads	4,32,083	3,14,668	38,831	2,75,837	1,17,415
(ii) MES Roads	12,789	12,653	404	12,249	136
(iii) Railway Roads	11,508	10,097	1,335	8,762	1,411
(iv) Major Port Roads	800	789	65	724	11
(v) Minor Port Roads	287	252	36	216	35
<b>6. Project Roads</b>	<b>2,96,319</b>	<b>86,237</b>	<b>33,443</b>	<b>52,794</b>	<b>2,10,082</b>
(i) Forest Department Roads	1,65,488	27,572	15,550	12,022	1,37,916
(ii) Irrigation Department Roads	1,01,053	33,477	16,097	17,380	67,576
(iii) Electricity Department Roads	4,815	4,494	1,062	3,432	321
(iv) Sugarcane Authority Roads	13,816	10,281	9	10,272	3,535
(v) Coal Mine Roads	3,093	2,967	422	2,545	126
(vi) SAIL & NMDC Roads	2,709	2,535	106	2,429	174
(viI) BRO Roads	5,345	4,911	197	4,714	434
<b>All India (Excluding JRY Roads)</b>	<b>45,02,486</b>	<b>30,37,300</b>	<b>5,63,411</b>	<b>24,73,890</b>	<b>14,65,185</b>

Totals may not add up because of rounding off of decimals.

The total of column 3 may not add up to the sum of columns 4 and 5 due to non -availability of information on category-wise surfaced roads from all States/UTs.



**Annexure No. 1.4**  
**ROAD LENGTH BY CATEGORIES AND BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2015**

(in kms)					
India/Category	Total	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
<b>1. National Highways</b>	<b>97,991</b>	<b>97,991</b>	<b>0</b>	<b>97,991</b>	<b>0</b>
<b>2. State Highways</b>	<b>1,67,109</b>	<b>1,65,272</b>	<b>1,551</b>	<b>1,63,721</b>	<b>1,837</b>
<b>3. Other PWD Roads</b>	<b>11,01,178</b>	<b>9,73,088</b>	<b>87,502</b>	<b>8,85,586</b>	<b>1,28,090</b>
<b>4. Rural Roads</b>	<b>24,37,255</b>	<b>14,86,069</b>	<b>4,36,183</b>	<b>10,49,886</b>	<b>9,51,186</b>
(i) Panchayati Raj Roads (Zilla Parishad/ Village Panchayat / CD/ Panchayat Samiti Roads)	18,31,043	9,86,075	3,60,159	6,25,916	8,44,968
(ii) PMGSY Roads	<b>6,06,212</b>	4,99,994	76,024	4,23,970	1,06,218
<b>5. Urban Roads</b>	<b>4,67,106</b>	<b>3,46,796</b>	<b>41,050</b>	<b>3,05,746</b>	<b>1,20,310</b>
(i) Municipal Roads	4,41,109	3,22,996	39,272	2,83,724	1,18,113
(ii) MES Roads	12,995	12,859	404	12,455	136
(iii) Railway Roads	11,913	9,899	1,274	8,625	2,014
(iv) Major Port Roads	800	789	64	725	11
(v) Minor Port Roads	289	253	36	217	36
<b>6. Project Roads</b>	<b>3,01,505</b>	<b>88,590</b>	<b>33,968</b>	<b>54,622</b>	<b>2,12,915</b>
(i) Forest Department Roads	1,70,558	29,963	16,304	13,659	1,40,595
(ii) Irrigation Department Roads	1,00,995	33,462	15,913	17,549	67,533
(iii) Electricity Department Roads	4,916	4,598	1,041	3,557	318
(iv) Sugarcane Authority Roads	14,084	10,293	7	10,286	3,791
(v) Coal Mine Roads	3,120	2,996	417	2,579	124
(vi) SAIL & NMDC Roads	2,739	2,557	114	2,443	182
(viI) BRO Roads	5,093	4,721	172	4,549	372
<b>All India (Excluding JRY Roads)</b>	<b>45,72,144</b>	<b>31,57,806</b>	<b>6,00,254</b>	<b>25,57,552</b>	<b>14,14,338</b>

Totals may not add up because of rounding off of decimals.

The total of column 3 may not add up to the sum of columns 4 and 5 due to non -availability of information on category-wise surfaced roads from all States/UTs.

**Annexure No. 1.5**

**TOTAL AND SURFACED LENGTH OF ROADS IN INDIA  
AS ON 31st MARCH 2014 (STATE/UT-WISE)**

<b>(in kms)</b>		
<b>States/UTs</b>	<b>Total</b>	<b>Surfaced</b>
<b>1</b>	<b>2</b>	<b>3</b>
Andhra Pradesh	1,78,096	1,19,639
Arunachal Pradesh	24,469	14,237
Assam	3,13,621	57,641
Bihar	2,09,758	1,03,622
Chhattisgarh	94,580	65,489
Goa	13,267	9,158
Gujarat	1,79,063	1,58,350
Haryana	42,685	38,155
Himachal Pradesh	54,388	37,294
Jammu & Kashmir	39,107	20,282
Jharkhand	41,258	23,560
Karnataka	3,13,184	2,09,939
Kerala	1,93,460	1,37,148
Madhya Pradesh	2,79,996	2,18,493
Maharashtra	6,08,690	4,60,298
Manipur	21,661	10,994
Meghalaya	13,260	8,156
Mizoram	9,803	7,079
Nagaland	36,600	17,097
Odisha	2,83,165	2,42,885
Punjab	1,04,160	92,047
Rajasthan	2,41,243	1,85,029
Sikkim	6,525	4,993
Tamil Nadu	2,54,205	2,02,802
Telangana	92,215	60,694
Tripura	41,857	18,831
Uttarakhand	60,427	30,275
Uttar Pradesh	3,97,224	3,29,798
West Bengal	3,13,750	1,21,914
Andaman & Nicobar Islands	1,318	1,225
Chandigarh	2,879	2,874
Dadra & Nagar Haveli	841	838
Daman & Diu	507	325
Delhi	31,996	23,310
Lakshadweep	208	208
Puducherry	3,020	2,622
<b>ALL INDIA *</b>	<b>45,02,486</b>	<b>30,37,300</b>

\* Excluding JRY Roads

Totals may not add up because of rounding off of decimals.

**Annexure No. 1.6**  
**TOTAL AND SURFACED LENGTH OF ROADS IN INDIA**  
**AS ON 31st MARCH 2015 (STATE/UT-WISE)**

(in kms)		
States/UTs	Total	Surfaced
1	2	3
Andhra Pradesh	1,79,022	1,22,247
Arunachal Pradesh	25,362	15,069
Assam	3,26,512	59,730
Bihar	2,06,010	1,08,256
Chhattisgarh	97,534	72,440
Goa	14,624	9,958
Gujarat	1,82,287	1,63,153
Haryana	46,287	41,892
Himachal Pradesh	55,593	40,004
Jammu & Kashmir	39,096	21,749
Jharkhand	42,705	27,209
Karnataka	3,21,808	2,16,726
Kerala	1,94,854	1,39,501
Madhya Pradesh	2,88,931	2,33,048
Maharashtra	6,08,140	4,71,265
Manipur	24,247	13,350
Meghalaya	13,372	8,996
Mizoram	9,831	7,278
Nagaland	37,176	17,888
Odisha	2,83,692	2,47,032
Punjab	1,05,368	93,820
Rajasthan	2,48,156	1,94,734
Sikkim	7,450	5,826
Tamil Nadu	2,61,100	2,10,065
Telangana	1,00,251	64,988
Tripura	37,384	19,039
Uttarakhand	62,945	33,756
Uttar Pradesh	4,15,383	3,56,650
West Bengal	2,95,997	1,10,487
Andaman & Nicobar Islands	1,352	1,258
Chandigarh	2,935	2,930
Dadra & Nagar Haveli	865	863
Daman & Diu	522	340
Delhi	32,067	23,381
Lakshadweep	214	214
Puducherry	3,072	2,664
<b>ALL INDIA *</b>	<b>45,72,144</b>	<b>31,57,806</b>

\* Excluding JRY Roads

Totals may not add up because of rounding off of decimals.

**Annexure No. 1.7**

**TOTAL ROAD LENGTH AND PERCENTAGE SHARE OF EACH CATEGORY OF ROAD (1951-2015)**

(in kms)

Year (as on 31st March)	National Highways	State Highways	Other PWD Roads	Panchayat Raj Roads	JRY & PMGSY Roads*	Urban Roads	Project Roads	Surfaced	Total (Col. 2+3+4+5+6+7+ 8+9)
1	2	3	4	6	7	8	9	10	11
1951	19,811	#	1,73,723	2,06,408	0	0	0	1,57,019	3,99,942
	4.95	0.00	43.44	51.61	0.00	0.00	0.00	39.26	100
1961	23,798	#	2,57,125	1,97,194	0	46,361	0	2,63,052	5,24,478
	4.54	0.00	49.02	37.60	0.00	8.84	0.00	50.16	100
1971	23,838	56,765	2,76,833	3,54,530	0	72,120	1,30,893	3,97,948	9,14,979
	2.61	6.20	30.26	38.75	0.00	7.88	14.31	43.49	100
1981	31,671	94,359	4,21,895	6,28,865	0	1,23,120	1,85,511	6,83,676	14,85,421
	2.13	6.35	28.40	42.34	0.00	8.29	12.49	46.03	100
1991	33,650	1,27,311	5,09,435	9,31,288	3,29,142	1,86,799	2,09,737	10,90,167	23,27,362
	1.45	5.47	21.89	40.01	14.14	8.03	9.01	46.84	100
2001	57,737	1,32,100	7,36,001	10,68,020	9,03,996	2,52,001	2,23,665	16,01,745	33,73,520
	1.71	3.92	21.82	31.66	26.80	7.47	6.63	47.48	100
2002	58,112	1,37,711	6,95,335	11,34,326	9,26,697	2,50,295	2,24,124	16,61,555	34,26,600
	1.70	4.02	20.29	33.10	27.04	7.30	6.54	48.49	100
2003	58,112	1,34,807	6,96,960	11,55,491	9,26,697	2,97,259	2,59,328	17,01,258	35,28,654
	1.65	3.82	19.75	32.75	26.26	8.42	7.35	48.21	100
2004	65,569	1,33,177	7,19,257	11,89,058	9,51,511	3,01,310	2,61,625	17,60,768	36,21,507
	1.81	3.68	19.86	32.83	26.27	8.32	7.22	48.62	100
2005	65,569	1,44,396	7,86,230	12,99,463	9,66,976	2,86,707	2,59,815	17,95,298	38,09,156
	1.72	3.79	20.64	34.11	25.39	7.53	6.82	47.13	100
2006	66,590	1,48,090	8,03,669	13,18,258	9,89,867	2,91,991	2,62,186	18,58,684	38,80,651
	1.72	3.82	20.71	33.97	25.51	7.52	6.76	47.90	100
2007	66,590	1,52,235	8,35,003	13,72,867	10,20,621	3,00,580	2,68,505	19,44,758	40,16,401
	1.66	3.79	20.79	34.18	25.41	7.48	6.69	48.42	100
2008	66,754	1,54,522	8,63,241	13,88,750	10,61,809	3,04,327	2,70,189	20,36,063	41,09,592
	1.62	3.76	21.01	33.79	25.84	7.41	6.57	49.54	100
2009	70,548	1,58,497	9,62,880	15,14,952	11,14,213	3,73,802	2,76,617	23,24,504	44,71,510
	1.58	3.54	21.53	33.88	24.92	8.36	6.19	51.98	100
2010	70,934	1,60,177	9,77,414	15,18,205	11,74,330	4,02,448	2,78,931	24,32,813	45,82,439
	1.55	3.50	21.33	33.13	25.63	8.78	6.09	53.09	100
2011	70,934	1,63,898	9,98,895	15,30,366	12,19,438	4,11,679	2,81,628	25,24,682	46,76,838
	1.52	3.50	21.36	32.72	26.07	8.80	6.02	53.98	100
2012	76,818	1,64,360	10,22,287	15,87,787	12,50,433	4,64,294	2,99,415	26,98,590	48,65,394
	1.58	3.38	21.01	32.63	25.70	9.54	6.15	55.46	100
2013	79,116	1,69,227	10,66,747	17,25,318	14,34,321	4,46,238	3,10,955	31,71,002	52,31,922
	1.51	3.23	20.39	32.98	27.41	8.53	5.94	60.61	100
2014	91,287	1,70,818	10,82,267	18,00,747	15,03,581	4,57,467	2,96,319	32,20,502	54,02,486
	1.69	3.16	20.03	33.33	27.83	8.47	5.48	59.61	100
2015 (P)	97,991	1,67,109	11,01,178	18,31,043	15,06,212	4,67,106	3,01,505	33,41,008	54,72,144
	1.79	3.05	20.25	33.46	27.53	8.54	5.51	61.05	100

# Included in other PWD Roads.

Totals may not add up because of rounding off of decimals.

(P): Provisional

Note: The second row of each year indicates the percentage share of each category of roads to the total road length.

\* Includes roads constructed under PMGSY launched in December 2000 and JRY launched in 1989-90.

JRY road lengths for years since 1996-97 are the same as on 31.3.1996.

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**ANNEXURE**

**NATIONAL HIGHWAYS**

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**Annexure No.. 2.1**

**LENGTH OF NATIONAL HIGHWAYS\* IN INDIA  
AS ON 31st MARCH 2014 (STATE/UT-WISE)**

<b>(in kms)</b>	
<b>States/UTs</b>	<b>Length of NH</b>
<b>1</b>	<b>2</b>
Andhra Pradesh	6,590
Arunachal Pradesh	2,027
Assam	3,634
Bihar	4,467
Chhattisgarh	3,031
Goa	269
Gujarat	4,694
Haryana	2,050
Himachal Pradesh	2,196
Jammu & Kashmir	2,319
Jharkhand	2,968
Karnataka	6,177
Kerala	1,700
Madhya Pradesh	5,116
Maharashtra	6,249
Manipur	1,452
Meghalaya	1,171
Mizoram	1,222
Nagaland	741
Odisha	4,550
Punjab	1,699
Rajasthan	7,646
Sikkim	149
Tamil Nadu	4,975
Tripura	509
Uttarakhand	2,282
Uttar Pradesh	7,986
West Bengal	2,908
Andaman & Nicobar Islands	300
Chandigarh	24
Dadra & Nagar Haveli	31
Daman & Diu	22
Delhi	80
Puducherry	53
<b>All INDIA</b>	<b>91,287</b>

\*: All National Highways are surfaced.

Source : Roads Wing, Ministry of Road Transport & Highways

**Annexure No. 2.2**

**LENGTH OF NATIONAL HIGHWAYS\* IN INDIA  
AS ON 31st MARCH 2015 (STATE/UT-WISE)**

**(in kms)**

<b>States/UTs</b>	<b>Length of NH</b>
<b>1</b>	<b>2</b>
Andhra Pradesh	4,670
Arunachal Pradesh	2,513
Assam	3,784
Bihar	4,701
Chhattisgarh	3,079
Goa	262
Gujarat	4,971
Haryana	2,307
Himachal Pradesh	2,466
Jammu & Kashmir	2,593
Jharkhand	2,632
Karnataka	6,432
Kerala	1,811
Madhya Pradesh	5,184
Maharashtra	7,048
Manipur	1,746
Meghalaya	1,204
Mizoram	1,381
Nagaland	1,080
Odisha	4,645
Punjab	2,239
Rajasthan	7,886
Sikkim	309
Tamil Nadu	5,006
Telangana	2,687
Tripura	577
Uttarakhand	2,842
Uttar Pradesh	8,483
West Bengal	2,910
Andaman & Nicobar Islands	331
Chandigarh	15
Dadra & Nagar Haveli	31
Daman & Diu	22
Delhi	80
Puducherry	64
<b>All INDIA</b>	<b>97,991</b>

\*: All National Highways are surfaced.

Source : Roads Wing, Ministry of Road Transport & Highways

**Annexure No.. 2.3**

**LANE-WISE LENGTH OF NATIONAL HIGHWAYS IN INDIA**

**AS ON 31st MARCH, 2014 (STATE/UT-WISE)**

**(in kms)**

<b>States/UTs</b>	<b>Total Length</b>	<b>Less than 2 Lane</b>	<b>Two-Lane</b>	<b>Four-Lane &amp; above</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Andhra Pradesh	6,590	664	3424	2502
Arunachal Pradesh	2,027	1957	70	0
Assam	3,634	827	2243	564
Bihar	4,467	1738	1931	798
Chhattisgarh	3,031	1086	1783	162
Goa	269	47	182	40
Gujarat	4,694	1580	996	2118
Haryana	2,050	457	1103	490
Himachal Pradesh	2,196	1284	896	16
Jammu & Kashmir	2,319	1614	592	113
Jharkhand	2,968	800	1893	275
Karnataka	6,177	2118	3181	879
Kerala	1,700	306	1300	94
Madhya Pradesh	5,116	788	3371	957
Maharashtra	6,249	1889	2134	2226
Manipur	1,452	1141	288	23
Meghalaya	1,171	712	459	0
Mizoram	1,222	1101	121	0
Nagaland	741	662	79	0
Odisha	4,550	357	3402	791
Punjab	1,699	397	773	529
Rajasthan	7,646	1929	3661	2055
Sikkim	149	149	0	0
Tamil Nadu	4,975	157	4232	586
Tripura	509	452	57	0
Uttarakhand	2,282	1556	687	39
Uttar Pradesh	7,986	734	4887	2365
West Bengal	2,908	663	1602	644
Andaman & Nicobar Islands	300	289	11	0
Chandigarh	24	9	0	15
Dadra & Nagar Haveli	31	31	0	0
Daman & Diu	22	22	0	0
Delhi	80	0	0	80
Puducherry	53	0	42	11
<b>All INDIA</b>	<b>91,287</b>	<b>27,516</b>	<b>45,399</b>	<b>18,372</b>

Totals may not add up because of rounding off of decimals.

Source : Roads Wing, Ministry of Road Transport & Highways



**Annexure No.2.4**

**LANE-WISE LENGTH OF NATIONAL HIGHWAYS IN INDIA**

**AS ON 31st MARCH, 2015 (STATE/UT-WISE)**

**(in kms)**

<b>States/UTs</b>	<b>Total Length</b>	<b>Less than 2 Lane</b>	<b>Two-Lane</b>	<b>Four-Lane &amp; above</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Andhra Pradesh	4,670	621	2374	1675
Arunachal Pradesh	2,513	2361	152	0
Assam	3,784	724	2496	564
Bihar	4,701	1682	2221	798
Chhattisgarh	3,079	1098	1746	235
Goa	262	40	182	40
Gujarat	4,971	1872	937	2162
Haryana	2,307	715	1027	565
Himachal Pradesh	2,466	1520	930	16
Jammu & Kashmir	2,593	1841	628	124
Jharkhand	2,632	384	1973	275
Karnataka	6,432	2315	2751	1366
Kerala	1,811	417	1300	94
Madhya Pradesh	5,184	788	3307	1089
Maharashtra	7,048	2667	2096	2285
Manipur	1,746	1311	412	23
Meghalaya	1,204	672	496	36
Mizoram	1,381	1255	126	0
Nagaland	1,080	1001	79	0
Odisha	4,645	345	3509	791
Punjab	2,239	493	1170	576
Rajasthan	7,886	1621	3974	2291
Sikkim	309	279	30	0
Tamil Nadu	5,006	161	2790	2055
Telangana	2,687	441	1350	896
Tripura	577	502	75	0
Uttarakhand	2,842	2088	714	40
Uttar Pradesh	8,483	948	5120	2415
West Bengal	2,910	554	1672	684
Andaman & Nicobar Islands	331	320	11	0
Chandigarh	15	0	0	15
Dadra & Nagar Haveli	31	31	0	0
Daman & Diu	22	22	0	0
Delhi	80	0	0	80
Puducherry	64	0	53	11
<b>All INDIA</b>	<b>97,991</b>	<b>31,089</b>	<b>45,701</b>	<b>21,201</b>

Totals may not add up because of rounding off of decimals.

Source : Roads Wing, Ministry of Road Transport & Highways

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**ANNEXURE**

**STATE HIGHWAYS**

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**Annexure No. 3.1**  
**TOTAL AND SURFACED LENGTH OF STATE HIGHWAYS IN INDIA**  
**AS ON 31st MARCH 2014 (STATE/UT-WISE)**

	(in kms)	
<b>States/UTs</b>	<b>Total</b>	<b>Surfaced</b>
<b>1</b>	<b>2</b>	<b>3</b>
Andhra Pradesh	6,480	6,367
Assam	3,134	2,839
Bihar	4,389	4,389
Chhattisgarh	5,080	4,947
Goa	279	279
Gujarat	18,017	17,792
Haryana	2,098	2,098
Himachal Pradesh	1,504	1,504
Jammu & Kashmir	131	131
Jharkhand	1,596	1,596
Karnataka	20,774	20,737
Kerala	4,341	4,341
Madhya Pradesh	10,934	10,934
Maharashtra	39,588	38,724
Manipur	715	620
Meghalaya	748	725
Mizoram	214	214
Nagaland	767	767
Odisha	5,125	5,111
Punjab	1,315	1,315
Rajasthan	11,292	11,241
Sikkim	179	179
Tamil Nadu	11,594	11,594
Telangana	3,385	3,385
Tripura	1,378	1,378
Uttarakhand	3,782	3,767
Uttar Pradesh	7,544	7,544
West Bengal	3,893	3,893
Andaman & Nicobar Islands	279	279
Chandigarh	181	181
Dadra & Nagar Haveli	42	42
Puducherry	40	40
<b>ALL INDIA</b>	<b>1,70,818</b>	<b>1,68,953</b>

Source : State Public Works Departments

**Annexure No. 3.2**  
**TOTAL AND SURFACED LENGTH OF STATE HIGHWAYS IN INDIA**  
**AS ON 31st MARCH 2015 (STATE/UT-WISE)**

	(in kms)	
States/UTs	Total	Surfaced
1	2	3
Andhra Pradesh	6,485	6,381
Assam	2,530	2,180
Bihar	4,426	4,426
Chhattisgarh	4,374	4,241
Goa	279	279
Gujarat	18,017	17,792
Haryana	2,128	2,128
Himachal Pradesh	1,466	1,466
Jammu & Kashmir	131	131
Jharkhand	1,358	1,358
Karnataka	19,721	19,697
Kerala	4,341	4,341
Madhya Pradesh	10,934	10,934
Maharashtra	40,144	39,228
Manipur	715	715
Meghalaya	751	725
Mizoram	214	214
Nagaland	767	767
Odisha	4,109	4,107
Punjab	1,133	1,133
Rajasthan	10,941	10,890
Sikkim	701	701
Tamil Nadu	11,752	11,752
Telangana	2,744	2,744
Tripura	1,378	1,378
Uttarakhand	3,736	3,730
Uttar Pradesh	7,543	7,543
West Bengal	3,697	3,697
Andaman & Nicobar Islands	279	279
Chandigarh	184	184
Dadra & Nagar Haveli	42	42
Puducherry	89	89
<b>ALL INDIA</b>	<b>1,67,109</b>	<b>1,65,272</b>

Source : State Public Works Departments

**Annexure No. 3.3**

**LENGTH OF STATE HIGHWAYS BY TYPE OF SURFACE IN INDIA**

**AS ON 31st MARCH 2014 (STATE/UT-WISE)**

**(in kms)**

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	6,480	6,367	5	6,362	113
Assam	3,134	2,839	0	2,839	295
Bihar	4,389	4,389	0	4,389	0
Chhattisgarh	5,080	4,947	340	4,607	133
Goa	279	279	5	274	0
Gujarat	18,017	17,792	31	17,761	225
Haryana	2,098	2,098	0	2,098	0
Himachal Pradesh	1,504	1,504	0	1,504	0
Jammu & Kashmir	131	131	0	131	0
Jharkhand	1,596	1,596	0	1,596	0
Karnataka	20,774	20,737	118	20,619	37
Kerala	4,341	4,341	0	4,341	0
Madhya Pradesh	10,934	10,934	0	10,934	0
Maharashtra	39,588	38,724	337	38,387	864
Manipur	715	620	110	510	95
Meghalaya	748	725	0	725	23
Mizoram	214	214	0	214	0
Nagaland	767	767	455	312	0
Odisha	5,125	5,111	0	5,111	14
Punjab	1,315	1,315	0	1,315	0
Rajasthan	11,292	11,241	4	11,237	51
Sikkim	179	179	0	179	0
Tamil Nadu	11,594	11,594	0	11,594	0
Telangana	3,385	3,385	266	3,119	0
Tripura	1,378	1,378	0	1,378	0
Uttarakhand	3,782	3,767	19	3,748	15
Uttar Pradesh	7,544	7,544	13	7,531	0
West Bengal	3,893	3,893	0	3,893	0
Andaman & Nicobar Islands	279	279	0	279	0
Chandigarh	181	181	0	181	0
Dadra & Nagar Haveli	42	42	0	42	0
Puducherry	40	40	0	40	0
<b>ALL INDIA</b>	<b>1,70,818</b>	<b>1,68,953</b>	<b>1,703</b>	<b>1,67,250</b>	<b>1,865</b>

Source : State Public Works Departments

**Annexure No. 3.4**

**LENGTH OF STATE HIGHWAYS BY TYPE OF SURFACE IN INDIA**

**AS ON 31st MARCH 2015 (STATE/UT-WISE)**

**(in kms)**

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	6,485	6,381	2	6,379	104
Assam	2,530	2,180	0	2,180	350
Bihar	4,426	4,426	0	4,426	0
Chhattisgarh	4,374	4,241	320	3,921	133
Goa	279	279	5	274	0
Gujarat	18,017	17,792	31	17,761	225
Haryana	2,128	2,128	0	2,128	0
Himachal Pradesh	1,466	1,466	0	1,466	0
Jammu & Kashmir	131	131	0	131	0
Jharkhand	1,358	1,358	0	1,358	0
Karnataka	19,721	19,697	98	19,599	24
Kerala	4,341	4,341	0	4,341	0
Madhya Pradesh	10,934	10,934	0	10,934	0
Maharashtra	40,144	39,228	467	38,761	916
Manipur	715	715	141	574	0
Meghalaya	751	725	0	725	26
Mizoram	214	214	0	214	0
Nagaland	767	767	455	312	0
Odisha	4,109	4,107	0	4,107	2
Punjab	1,133	1,133	0	1,133	0
Rajasthan	10,941	10,890	4	10,886	51
Sikkim	701	701	0	701	0
Tamil Nadu	11,752	11,752	0	11,752	0
Telangana	2,744	2,744	0	2,744	0
Tripura	1,378	1,378	0	1,378	0
Uttarakhand	3,736	3,730	17	3,713	6
Uttar Pradesh	7,543	7,543	11	7,532	0
West Bengal	3,697	3,697	0	3,697	0
Andaman & Nicobar Islands	279	279	0	279	0
Chandigarh	184	184	0	184	0
Dadra & Nagar Haveli	42	42	0	42	0
Puducherry	89	89	0	89	0
<b>ALL INDIA</b>	<b>1,67,109</b>	<b>1,65,272</b>	<b>1,551</b>	<b>1,63,721</b>	<b>1,837</b>

Source : State Public Works Departments

**Annexure No.3.5**  
**SURFACED LENGTH OF STATE HIGHWAYS BY WIDTH IN INDIA**  
**AS ON 31st MARCH 2014 (STATE/UT-WISE)**

(in kms)

States/UTs	Grand Total*	Water Bound Macadam				Black Top/Cement Concrete			
		Total	BSSL/SSL	SDL	SML	Total	BSSL/SSL	SDL	SML
1	2	3	4	5	6	7	8	9	10
Andhra Pradesh	6,367	5	5	0	0	6,362	1,861	4,289	212
Assam	2,839	0	0	0	0	2,839	2,839	0	0
Bihar	4,389	0	0	0	0	4,389	1,548	2,797	44
Chhattisgarh	4,947	340	306	34	0	4,607	2,369	2,114	124
Goa	279	5	5	0	0	274	172	102	0
Gujarat	17,792	31	30	1	0	17,761	7,218	9,265	1,278
Haryana	2,098	0	0	0	0	2,098	564	1,341	193
Himachal Pradesh	1,504	0	0	0	0	1,504	934	570	0
Jammu & Kashmir	131	0	0	0	0	131	93	24	14
Jharkhand	1,596	0	0	0	0	1,596	653	943	0
Karnataka	20,737	118	118	0	0	20,619	16,509	3,838	272
Kerala	4,341	0	0	0	0	4,341	2,038	2,222	81
Madhya Pradesh	10,934	0	0	0	0	10,934	9,413	1,521	0
Maharashtra	38,724	337	297	34	6	38,387	20,499	14,393	3,495
Manipur	620	110	65	45	0	510	440	63	7
Meghalaya	725	0	0	0	0	725	716	9	0
Mizoram	214	0	0	0	0	214	214	0	0
Nagaland	767	455	455	0	0	312	312	0	0
Odisha	5,111	0	0	0	0	5,111	3,132	1,667	312
Punjab	1,315	0	0	0	0	1,315	420	880	15
Rajasthan	11,241	4	4	0	0	11,237	5,955	4,210	1,072
Sikkim	179	0	0	0	0	179	179	0	0
Tamil Nadu	11,594	0	0	0	0	11,594	577	9,710	1,307
Telangana	3,385	266	266	0	0	3,119	232	2,475	412
Tripura #	1,378	0	0	0	0	1,378	689	470	219
Uttarakhand	3,767	19	19	0	0	3,748	3,412	323	13
Uttar Pradesh 14	7,544	13	13	0	0	7,531	1,697	5,670	164
West Bengal	3,893	0	0	0	0	3,893	1,865	1,987	41
Andaman & Nicobar Islands	279	0	0	0	0	279	279	0	0
Chandigarh	181	0	0	0	0	181	44	52	85
Dadra & Nagar Haveli	42	0	0	0	0	42	0	21	21
Puducherry	40	0	0	0	0	40	3	28	9
<b>ALL INDIA</b>	<b>1,68,953</b>	<b>1,703</b>	<b>1,583</b>	<b>114</b>	<b>6</b>	<b>1,67,250</b>	<b>86,876</b>	<b>70,984</b>	<b>9,390</b>

Source : State Public Works Departments

The total of column 3 may not add up to the sum of columns 4, 5, 6 and 7 due to non -availability of lane-wise information. Similarly, the total of column 8 may not add up to the sum of columns 9, 10, 11 and 12.

\* Grand Total of Surfaced length of State Higways

#: As on 31st March 2013

## Annexure No. 3.6

## SURFACED LENGTH OF STATE HIGHWAYS BY WIDTH IN INDIA

AS ON 31st MARCH 2015 (STATE/UT-WISE)

(in kms)

States/UTs	Grand Total *	Water Bound Macadam				Black Top/Cement Concrete			
		Total	BSSL/SSL	SDL	SML	Total	BSSL/SSL	SDL	SML
1	2	3	4	5	6	7	8	9	10
Andhra Pradesh	6,381	2	2	0	0	6,379	1,689	4,458	232
Assam	2,180	0	0	0	0	2,180	2,180	0	0
Bihar	4,426	0	0	0	0	4,426	1,548	2,834	44
Chhattisgarh	4,241	320	286	34	0	3,921	2,016	1,818	87
Goa	279	5	5	0	0	274	172	102	0
Gujarat ^	17,792	31	30	1	0	17,761	7,218	9,265	1,278
Haryana	2,128	0	0	0	0	2,128	441	1,575	112
Himachal Pradesh	1,466	0	0	0	0	1,466	896	570	0
Jammu & Kashmir	131	0	0	0	0	131	93	24	14
Jharkhand	1,358	0	0	0	0	1,358	583	775	0
Karnataka	19,697	98	98	0	0	19,599	16,065	3,369	165
Kerala	4,341	0	0	0	0	4,341	2,038	2,222	81
Madhya Pradesh	10,934	0	0	0	0	10,934	9,413	1,521	0
Maharashtra	39,228	467	366	96	5	38,761	21,092	13,085	4,584
Manipur	715	141	101	40	0	574	367	197	10
Meghalaya	725	0	0	0	0	725	716	9	0
Mizoram	214	0	0	0	0	214	214	0	0
Nagaland	767	455	455	0	0	312	312	0	0
Odisha	4,107	0	0	0	0	4,107	2,183	1,833	91
Punjab	1,133	0				1,133	238	880	15
Rajasthan	10,890	4	4	0	0	10,886	5,201	4,535	1,150
Sikkim	701	0	0	0	0	701	701	0	0
Tamil Nadu	11,752	0	0	0	0	11,752	460	9,853	1,439
Telangana	2,744	0	0	0	0	2,744	169	2,200	375
Tripura #	1,378	0	0	0	0	1,378	689	470	219
Uttarakhand	3,730	17	17	0	0	3,713	3,389	299	25
Uttar Pradesh	7,543	11	11	0	0	7,532	1,537	5,772	223
West Bengal	3,697	0	0	0	0	3,697	1,741	1,915	41
Andaman & Nicobar Islands	279	0	0	0	0	279	279	0	0
Chandigarh	184	0	0	0	0	184	47	52	85
Dadra & Nagar Haveli	42	0	0	0	0	42	0	21	21
Puducherry	89	0	0	0	0	89	39	31	19
<b>ALL INDIA</b>	<b>1,65,272</b>	<b>1,551</b>	<b>1,375</b>	<b>171</b>	<b>5</b>	<b>1,63,721</b>	<b>83,726</b>	<b>69,685</b>	<b>10,310</b>

Source : State Public Works Departments

The total of column 3 may not add up to the sum of columns 4, 5, 6 and 7 due to non -availability of lane-wise information. Similarly, the total of column 8 may not add up to the sum of columns 9, 10, 11 and 12.

\* Grand Total of Surfaced length of State Higways

#: As on 31st March 2013

^ As on 31st March 2014



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**ANNEXURE**

**OTHER PWD ROADS**

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**Annexure No. 4.1**  
**TOTAL AND SURFACED LENGTH OF OTHER PWD ROADS IN INDIA**  
**AS ON 31st MARCH 2014 (STATE/UT-WISE)**

(in kms)

States/UTs	Total	Surfaced
1	2	3
Andhra Pradesh	35,309	34,182
Arunachal Pradesh	8,383	4,786
Assam	42,366	20,908
Bihar	10,128	10,128
Chhattisgarh	24,681	21,563
Goa	4,501	3,832
Gujarat	57,854	56,109
Haryana	20,285	20,285
Himachal Pradesh	30,434	21,034
Jammu & Kashmir	9,721	8,659
Jharkhand	6,106	6,032
Karnataka	49,684	48,444
Kerala	27,470	27,470
Madhya Pradesh	45,911	42,707
Maharashtra	2,55,484	1,95,931
Manipur	9,404	3,707
Meghalaya	7,765	4,871
Mizoram	4,786	2,853
Nagaland	11,371	5,488
Odisha	11,685	11,528
Punjab	6,887	6,887
Rajasthan	84,066	80,621
Sikkim	1,950	1,308
Tamil Nadu	45,449	45,449
Telangana	21,093	20,730
Tripura	9,639	7,019
Uttarakhand	22,452	14,712
Uttar Pradesh	2,01,090	2,00,636
West Bengal	11,726	11,726
Andaman & Nicobar Islands	492	492
Chandigarh	44	44
Dadra & Nagar Haveli	768	765
Daman & Diu	69	69
Delhi	2,405	2,405
Lakshadweep	203	203
Puducherry	606	606
<b>ALL INDIA</b>	<b>10,82,267</b>	<b>9,44,189</b>

Source : State Public Works Departments

**Annexure No. 4.2**  
**TOTAL AND SURFACED LENGTH OF OTHER PWD ROADS IN INDIA**  
**AS ON 31st MARCH 2015 (STATE/UT-WISE)**

(in kms)

States/UTs	Total	Surfaced
1	2	3
Andhra Pradesh	35,471	34,732
Arunachal Pradesh	8,393	4,571
Assam	42,332	21,912
Bihar	10,128	10,128
Chhattisgarh	24,785	21,807
Goa	4,501	3,832
Gujarat	57,854	56,109
Haryana	21,749	21,749
Himachal Pradesh	30,686	22,356
Jammu & Kashmir	9,946	9,006
Jharkhand	7,604	7,539
Karnataka	49,928	48,706
Kerala	27,470	27,470
Madhya Pradesh	45,911	42,941
Maharashtra	2,51,787	1,97,347
Manipur	9,507	4,884
Meghalaya	7,811	5,613
Mizoram	4,786	2,853
Nagaland	11,371	5,488
Odisha	12,337	11,936
Punjab	6,848	6,848
Rajasthan	87,928	84,731
Sikkim	1,415	697
Tamil Nadu	45,538	45,538
Telangana	20,312	20,232
Tripura	9,639	7,019
Uttarakhand	24,505	16,410
Uttar Pradesh	2,14,131	2,14,131
West Bengal	11,872	11,872
Andaman & Nicobar Islands	492	492
Chandigarh	44	44
Dadra & Nagar Haveli	792	790
Daman & Diu	81	81
Delhi	2,462	2,462
Lakshadweep	207	207
Puducherry	555	555
<b>ALL INDIA</b>	<b>11,01,178</b>	<b>9,73,088</b>

Source : State Public Works Departments

**Annexure No. 4.3**

**LENGTH OF OTHER PWD ROADS BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2014 (STATE/UT-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C.	Total (B)
1	2	3	4	5	6
Andhra Pradesh	35,309	34,182	407	33,775	1,127
Arunachal Pradesh	8,383	4,786	2,212	2,574	3,597
Assam	42,366	20,908	0	20,908	21,458
Bihar	10,128	10,128	0	10,128	0
Chhattisgarh	24,681	21,563	3,572	17,991	3,118
Goa	4,501	3,832	35	3,797	669
Gujarat	57,854	56,109	1,223	54,886	1,745
Haryana	20,285	20,285	57	20,228	0
Himachal Pradesh	30,434	21,034	3,150	17,884	9,400
Jammu & Kashmir	9,721	8,659	998	7,661	1,062
Jharkhand	6,106	6,032	302	5,730	74
Karnataka	49,684	48,444	2,672	45,772	1,240
Kerala	27,470	27,470	0	27,470	0
Madhya Pradesh	45,911	42,707	5,980	36,727	3,204
Maharashtra	2,55,484	1,95,931	59,130	1,36,801	59,553
Manipur	9,404	3,707	469	3,238	5,697
Meghalaya	7,765	4,871	784	4,087	2,894
Mizoram	4,786	2,853	0	2,853	1,933
Nagaland	11,371	5,488	3,067	2,421	5,883
Odisha	11,685	11,528	199	11,329	157
Punjab	6,887	6,887	0	6,887	0
Rajasthan	84,066	80,621	390	80,231	3,445
Sikkim	1,950	1,308	311	997	642
Tamil Nadu	45,449	45,449	0	45,449	0
Telangana	21,093	20,730	226	20,504	363
Tripura	9,639	7,019	0	7,019	2,620
Uttarakhand	22,452	14,712	628	14,084	7,740
Uttar Pradesh	2,01,090	2,00,636	801	1,99,835	454
West Bengal	11,726	11,726	0	11,726	0
Andaman & Nicobar Islands	492	492	0	492	0
Chandigarh	44	44	0	44	0
Dadra & Nagar Haveli	768	765	31	734	3
Daman & Diu	69	69	0	69	0
Delhi	2,405	2,405	0	2,405	0
Lakshadweep	203	203	0	203	0
Puducherry	606	606	2	604	0
<b>ALL INDIA</b>	<b>10,82,267</b>	<b>9,44,189</b>	<b>86,646</b>	<b>8,57,543</b>	<b>1,38,078</b>

Source : State Public Works Departments

**Annexure No. 4.4**  
**LENGTH OF OTHER PWD ROADS BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2015 (STATE/UT-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C.	Total (B)
1	2	3	4	5	6
Andhra Pradesh	35,471	34,732	241	34,491	739
Arunachal Pradesh	8,393	4,571	1,973	2,598	3,822
Assam	42,332	21,912	0	21,912	20,420
Bihar	10,128	10,128	0	10,128	
Chhattisgarh	24,785	21,807	2,687	19,120	2,978
Goa	4,501	3,832	35	3,797	669
Gujarat	57,854	56,109	1,223	54,886	1,745
Haryana	21,749	21,749	62	21,687	0
Himachal Pradesh	30,686	22,356	3,925	18,431	8,330
Jammu & Kashmir	9,946	9,006	927	8,079	940
Jharkhand	7,604	7,539	297	7,242	65
Karnataka	49,928	48,706	2,082	46,624	1,222
Kerala	27,470	27,470	0	27,470	0
Madhya Pradesh	45,911	42,941	5,780	37,161	2,970
Maharashtra	2,51,787	1,97,347	61,422	1,35,925	54,440
Manipur	9,507	4,884	822	4,062	4,623
Meghalaya	7,811	5,613	784	4,829	2,198
Mizoram	4,786	2,853	0	2,853	1,933
Nagaland	11,371	5,488	3,067	2,421	5,883
Odisha	12,337	11,936	142	11,794	401
Punjab	6,848	6,848	0	6,848	0
Rajasthan	87,928	84,731	264	84,467	3,197
Sikkim	1,415	697	146	551	718
Tamil Nadu	45,538	45,538	0	45,538	0
Telangana	20,312	20,232	204	20,028	80
Tripura	9,639	7,019	0	7,019	2,620
Uttarakhand	24,505	16,410	855	15,555	8,095
Uttar Pradesh	2,14,131	2,14,131	546	2,13,585	0
West Bengal	11,872	11,872	0	11,872	0
Andaman & Nicobar Islands	492	492	0	492	0
Chandigarh	44	44	0	44	0
Dadra & Nagar Haveli	792	790	17	773	2
Daman & Diu	81	81	0	81	0
Delhi	2,462	2,462	0	2,462	0
Lakshadweep	207	207	0	207	0
Puducherry	555	555	1	554	0
<b>ALL INDIA</b>	<b>11,01,178</b>	<b>9,73,088</b>	<b>87,502</b>	<b>8,85,586</b>	<b>1,28,090</b>

Source : State Public Works Departments

**Annexure No. 4.5**

**SURFACED LENGTH OF OTHER PWD ROADS BY WIDTH IN INDIA  
AS ON 31st MARCH 2014 (STATE/UT-WISE)**

States/UTs	Grand Total	Water Bound Macadam				Black Top/Cement Concrete			
		Total	BSSL/SSL	SDL	SML	Total	BSSL/SSL	SDL	SML
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
Andhra Pradesh	34,182	407	399	8	0	33,775	30,302	3,349	124
Arunachal Pradesh	4,786	2,212	2,212	0	0	2,574	2,574	0	0
Assam	20,908	0	0	0	0	20,908	20,908	0	0
Bihar	10,128	0	0	0	0	10,128	8,576	1,368	184
Chhattisgarh	21,563	3,572	3,566	6	0	17,991	16,134	1,820	37
Goa	3,832	35	35	0	0	3,797	3,695	71	31
Gujarat	56,109	1,223	1,217	6	0	54,886	52,540	2,303	43
Haryana	20,285	57	57	0	0	20,228	18,756	1,342	130
Himachal Pradesh	21,034	3,150	3,150	0	0	17,884	16,888	996	0
Jammu & Kashmir	8,659	998	998	0	0	7,661	7,161	500	0
Jharkhand	6,032	302	262	33	7	5,730	3,908	1,733	89
Karnataka	48,444	2,672	2,672	0	0	45,772	45,075	607	90
Kerala	27,470	0	0	0	0	27,470	19,677	7,550	243
Madhya Pradesh	42,707	5,980	5,879	101	0	36,727	34,914	1,162	651
Maharashtra	1,95,931	59,130	51,484	7,646	0	1,36,801	1,18,606	17,868	327
Manipur	3,707	469	260	192	17	3,238	3,046	159	33
Meghalaya	4,871	784	782	2	0	4,087	3,963	124	0
Mizoram	2,853	0	0	0	0	2,853	2,853	0	0
Nagaland	5,488	3,067	3,067	0	0	2,421	2,421	0	0
Odisha	11,528	199	191	8	0	11,329	9,504	1,263	562
Punjab	6,887	0	0	0	0	6,887	4,477	2,299	111
Rajasthan	80,621	390	390	0	0	80,231	77,095	2,545	591
Sikkim	1,308	311	311	0	0	997	997	0	0
Tamil Nadu	45,449	0	0	0	0	45,449	41,417	3,839	193
Teangana	20,730	226	226	0	0	20,504	16,072	4,140	292
Tripura #	7,019	0	0	0	0	7,019	7,001	18	0
Uttarakhand	14,712	628	628	0	0	14,084	13,661	282	141
Uttar Pradesh	2,00,636	801	801	0	0	1,99,835	1,92,019	7,333	483
West Bengal	11,726	0	0	0	0	11,726	11,374	352	0
Andaman & Nicobar Islands	492	0	0	0	0	492	422	70	0
Chandigarh	44	0	0	0	0	44	40	0	4
Dadra & Nagar Haveli	765	31	31	0	0	734	725	0	9
Daman & Diu	69	0	0	0	0	69	11	43	15
Delhi	2,405	0	0	0	0	2,405	1,195	12	1,198
Lakshadweep	203	0	0	0	0	203	203	0	0
Puducherry	606	2	2	0	0	604	446	158	0
<b>ALL INDIA</b>	<b>9,44,189</b>	<b>86,646</b>	<b>78,620</b>	<b>8,002</b>	<b>24</b>	<b>8,57,543</b>	<b>7,88,656</b>	<b>63,306</b>	<b>5,581</b>

Source : State Public Works Departments

The total of column 3 may not add up to the sum of columns 4, 5, 6 and 7 due to non-availability of lane-wise information. Similarly, the total of column 8 may not add up to the sum of columns 9, 10, 11 and 12.

#: As on 31st March 2013

**Annexure No. 4.6**  
**SURFACED LENGTH OF OTHER PWD ROADS BY WIDTH IN INDIA**  
**AS ON 31st MARCH 2015 (STATE/UT-WISE)**

States/UTs	Grand Total	Water Bound Macadam				Black Top/Cement Concrete			
		Total	BSSL/SSL	SDL	SML	Total	BSSL/SSL	SDL	SML
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
Andhra Pradesh	34,732	241	237	4	0	34,491	30,270	4,097	124
Arunachal Pradesh	4,571	1,973	1,973	0	0	2,598	2,598	0	0
Assam	21,912	0	0	0	0	21,912	21,912	0	0
Bihar	10,128	0	0	0	0	10,128	8,576	1,368	184
Chhattisgarh	21,807	2,687	2,681	6	0	19,120	17,559	1,553	8
Goa	3,832	35	35	0	0	3,797	3,695	71	31
Gujarat *	56,109	1,223	1,217	6	0	54,886	52,540	2,303	43
Haryana	21,749	62	62	0	0	21,687	19,212	2,169	306
Himachal Pradesh	22,356	3,925	3,925	0	0	18,431	17,435	996	0
Jammu & Kashmir	9,006	927	927	0	0	8,079	7,550	529	0
Jharkhand	7,539	297	290	0	7	7,242	4,996	2,137	109
Karnataka	48,706	2,082	2,082	0	0	46,624	45,816	690	118
Kerala	27,470	0	0	0	0	27,470	19,677	7,550	243
Madhya Pradesh	42,941	5,780	5,679	101	0	37,161	35,348	1,162	651
Maharashtra	1,97,347	61,422	61,375	47	0	1,35,925	1,29,462	6,393	70
Manipur	4,884	822	822	0	0	4,062	3,967	93	2
Meghalaya	5,613	784	782	2	0	4,829	4,616	213	0
Mizoram	2,853	0	0	0	0	2,853	2,853	0	0
Nagaland	5,488	3,067	3,067	0	0	2,421	2,421	0	0
Odisha	11,936	142	142	0	0	11,794	10,175	1,332	287
Punjab	6,848	0	0	0	0	6,848	4,438	2,299	111
Rajasthan	84,731	264	264	0	0	84,467	81,331	2,545	591
Sikkim	697	146	146	0	0	551	551	0	0
Tamil Nadu	45,538	0	0	0	0	45,538	41,324	3,985	229
Telangana	20,232	204	204	0	0	20,028	15,197	4,590	241
Tripura #	7,019	0	0	0	0	7,019	7,001	18	0
Uttarakhand	16,410	855	855	0	0	15,555	15,253	281	21
Uttar Pradesh	2,14,131	546	546	0	0	2,13,585	2,04,626	8,308	651
West Bengal	11,872	0	0	0	0	11,872	11,470	402	0
Andaman & Nicobar Islands	492	0	0	0	0	492	422	70	0
Chandigarh	44	0	0	0	0	44	40	0	4
Dadra & Nagar Haveli	790	17	17	0	0	773	765	0	8
Daman & Diu	81	0	0	0	0	81	15	50	16
Delhi	2,462	0	0	0	0	2,462	1,200	12	1,250
Lakshadweep	207	0	0	0	0	207	207	0	0
Puducherry	555	1	1	0	0	554	409	145	0
<b>ALL INDIA</b>	<b>9,73,088</b>	<b>87,502</b>	<b>87,329</b>	<b>166</b>	<b>7</b>	<b>8,85,586</b>	<b>8,24,927</b>	<b>55,361</b>	<b>5,298</b>

Source : State Public Works Departments

The total of column 3 may not add up to the sum of columns 4, 5, 6 and 7 due to non-availability of lane-wise information. Similarly, the total of column 8 may not add up to the sum of columns 9, 10, 11 and 12.

\*: As on 31st March 2014

#: As on 31st March 2013

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**ANNEXURE**

**RURAL ROADS**

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**Annexure No. 5.1**

**TOTAL AND SURFACED LENGTH OF RURAL ROADS\* IN INDIA  
AS ON 31st MARCH 2014 (STATE/UT-WISE)**

	<b>(in kms)</b>	
<b>States/UTs</b>	<b>Total</b>	<b>Surfaced</b>
<b>1</b>	<b>2</b>	<b>3</b>
Andhra Pradesh	1,10,468	58,943
Arunachal Pradesh	10,910	5,750
Assam	2,44,442	26,184
Bihar	1,79,392	80,431
Chhattisgarh	31,869	22,945
Goa	7,358	4,109
Gujarat	60,901	54,120
Haryana	6,641	5,599
Himachal Pradesh	15,855	10,936
Jammu & Kashmir	13,388	6,999
Jharkhand	20,631	10,512
Karnataka	1,76,049	98,260
Kerala	1,26,601	79,268
Madhya Pradesh	1,70,153	1,40,394
Maharashtra	2,66,904	1,97,653
Manipur	8,949	4,133
Meghalaya	2,801	1,061
Mizoram	2,976	2,274
Nagaland	23,089	9,658
Odisha	2,17,163	2,00,528
Punjab	68,284	67,009
Rajasthan	1,07,747	62,004
Sikkim	4,003	3,129
Tamil Nadu	1,58,721	1,13,434
Telangana	64,044	34,426
Tripura	28,648	9,625
Uttarakhand	9,230	4,937
Uttar Pradesh	77,945	60,437
West Bengal	1,87,459	32,242
Daman & Diu	293	111
Puducherry	1,414	1,065
<b>ALL INDIA</b>	<b>24,04,328</b>	<b>14,08,176</b>

\* Excluding JRY Roads

Sources : State Rural Works Departments/ Local Self-Government  
Departments/State Panchayati Raj Departments/State Rural Road  
Departments and National Rural Road Development Agency, Ministry of  
Rural Development

**Annexure No. 5.2**

**TOTAL AND SURFACED LENGTH OF RURAL ROADS\* IN INDIA  
AS ON 31st MARCH 2015 (STATE/UT-WISE)**

	(in kms)	
<b>States/UTs</b>	<b>Total</b>	<b>Surfaced</b>
<b>1</b>	<b>2</b>	<b>3</b>
Andhra Pradesh	1,12,787	62,878
Arunachal Pradesh	11,217	6,330
Assam	2,55,389	27,670
Bihar	1,75,373	84,794
Chhattisgarh	35,048	29,909
Goa	8,693	4,889
Gujarat	62,875	58,110
Haryana	6,974	6,603
Himachal Pradesh	16,552	12,069
Jammu & Kashmir	13,127	8,046
Jharkhand	21,150	13,221
Karnataka	1,84,918	1,05,562
Kerala	1,27,985	81,252
Madhya Pradesh	1,77,060	1,53,993
Maharashtra	2,67,402	2,04,345
Manipur	11,121	4,906
Meghalaya	2,807	1,105
Mizoram	2,852	2,323
Nagaland	23,093	9,877
Odisha	2,17,919	2,05,118
Punjab	69,170	68,459
Rajasthan	1,08,159	65,878
Sikkim	4,780	3,890
Tamil Nadu	1,65,291	1,20,272
Telangana	70,808	37,165
Tripura	24,106	9,764
Uttarakhand	9,104	6,138
Uttar Pradesh	80,044	69,489
West Bengal	1,69,720	20,822
Daman & Diu	293	111
Puducherry	1,438	1,081
<b>ALL INDIA</b>	<b>24,37,255</b>	<b>14,86,069</b>

\* Excluding JRY Roads

Sources : State Rural Works Departments/ Local Self-Government Departments/State Panchayati Raj Departments/State Rural Road Departments and National Rural Road Development Agency, Ministry of Rural Development

**Annexure No. 5.3**

**LENGTH OF PANCHAYATI RAJ ROADS (ZILLA PARISHAD, VILLAGE PANCHAYAT & CD/PANCHAYAT SAMITI ROADS) BY TYPE OF SURFACE IN INDIA**

**AS ON 31st MARCH 2014 (STATE/UT-WISE)**

**(in kms)**

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	82,151	35,562	11,524	24,038	46,589
Arunachal Pradesh	4,677	1,495	726	769	3,182
Assam	2,26,850	11,530	8,135	3,395	2,15,320
Bihar \$	1,22,598	49,440	7,240	42,200	73,158
Goa	7,175	3,950	853	3,097	3,225
Gujarat ^	44,434	41,767	5,640	36,127	2,667
Himachal Pradesh	1,406	214	65	149	1,192
Jammu & Kashmir %	2,740	1,693	1,693	0	1,047
Karnataka	1,55,545	79,679	21,495	58,184	75,866
Kerala +	1,21,242	75,732	15,924	59,808	45,510
Madhya Pradesh	98,119	82,535	0	82,535	15,584
Maharashtra	2,36,441	1,71,736	71,205	1,00,531	64,705
Manipur &	3,716	0	0	0	3,716
Meghalaya #	604	5	0	5	599
Nagaland *	19,455	6,602	3,141	3,461	12,853
Odisha !	1,71,070	1,71,070	1,71,070	0	0
Punjab	60,244	60,244	0	60,244	0
Rajasthan &	44,287	8,159	3,914	4,245	36,128
Tamil Nadu	1,43,078	1,00,341	14,280	86,061	42,737
Telangana	64,044	34,426	14,146	20,280	29,618
Tripura	22,906	5,821	1,630	4,191	17,085
Uttar Pradesh	5,931	4,764	487	4,277	1,167
West Bengal !	1,60,616	14,684	1,910	12,774	1,45,932
Daman & Diu #	111	111	0	111	0
Puducherry	1,307	977	212	765	330
<b>ALL INDIA</b>	<b>18,00,747</b>	<b>9,62,537</b>	<b>3,55,290</b>	<b>6,07,247</b>	<b>8,38,210</b>

Source : State Rural Works Departments/ Local Self-Government Departments/State Panchayati Raj Departments/State Rural Road Departments

The total of column 3 may not add up to the sum of columns 4 and 5 due to non -availability of information on category-wise surfaced roads.

\$: as on 31st March 2013.

&: as on 31st March 1996.

^: as on 31st March 2004.

#: as on 31st March 1997

+: as on 31st March 2002.

\*: as on 31st March 2008.

!+: as on 31st March 2012.

!: as on 31st March 2011.

**Annexure No. 5.4**

**LENGTH OF PANCHAYATI RAJ ROADS (ZILLA PARISHAD, VILLAGE PANCHAYAT & CD/PANCHAYAT SAMITI ROADS) BY TYPE OF SURFACE IN INDIA**

**AS ON 31st MARCH 2015 (STATE/UT-WISE)**

**(in kms)**

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
Andhra Pradesh	82,149	36,362	11,259	25,103	45,787
Arunchal Pradesh	4,736	1,495	726	769	3,241
Assam	2,37,761	12,116	8,378	3,738	2,25,645
Bihar \$	1,22,598	49,440	7,240	42,200	73,158
Goa	8,486	4,706	977	3,729	3,780
Gujarat ^	44,434	41,767	5,640	36,127	2,667
Himachal Pradesh	1,695	263	72	191	1,432
Jammu & Kashmir %	2,740	1,693	1,693	0	1,047
Karnataka	1,62,071	84,572	23,897	60,675	77,499
Kerala +	1,21,242	75,732	15,924	59,808	45,510
Madhya Pradesh	1,03,399	87,815	0	87,815	15,584
Maharashtra	2,36,390	1,77,455	75,637	1,01,818	58,935
Manipur &	3,716	0	0	0	3,716
Meghalaya #	604	5	0	5	599
Nagaland *	19,455	6,602	3,141	3,461	12,853
Odisha !	1,71,070	1,71,070	1,71,070	0	0
Punjab	60,244	60,244	0	60,244	0
Rajasthan &	44,287	8,159	3,914	4,245	36,128
Tamil Nadu	1,47,542	1,03,894	12,192	91,702	43,648
Telangana	70,808	37,165	14,582	22,583	33,643
Tripura	17,627	4,968	1,201	3,767	12,659
Uttar Pradesh	5,931	4,764	487	4,277	1,167
West Bengal !	1,60,616	14,684	1,910	12,774	1,45,932
Daman & Diu #	111	111	0	111	0
Puducherry	1,331	993	219	774	338
<b>ALL INDIA</b>	<b>18,31,043</b>	<b>9,86,075</b>	<b>3,60,159</b>	<b>6,25,916</b>	<b>8,44,968</b>

Source : State Rural Works Departments/ Local Self-Government Departments/State Panchayati Raj Departments/State Rural Road Departments

The total of column 3 may not add up to the sum of columns 4 and 5 due to non -availability of information on category-wise surfaced roads.

\$: as on 31st March 2013.

&: as on 31st March 1996.

^: as on 31st March 2004.

#: as on 31st March 1997

%; as on 31st March 2002.

\*: as on 31st March 2008.

+: as on 31st March 2012.

!: as on 31st March 2011.

**Annexure No. 5.5**  
**LENGTH OF PRADHAN MANTRI GRAM SADAK YOJANA ROADS**  
**AS ON 31st MARCH 2014 (STATE-WISE)**

(In kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	28,317	23,381	2,681	20,700	4,936
Arunachal Pradesh	6,233	4,255	27	4,228	1,978
Assam	17,592	14,654	1	14,653	2,938
Bihar	56,794	30,991	1,709	29,282	25,803
Chhattisgarh	31,869	22,945	1,167	21,778	8,924
Goa	183	159	0	159	24
Gujarat	16,467	12,353	3,688	8,665	4,114
Haryana	6,641	5,599	1,042	4,557	1,042
Himachal Pradesh	14,449	10,722	562	10,160	3,727
Jammu & Kashmir	10,648	5,306	119	5,187	5,342
Jharkhand	20,631	10,512	959	9,553	10,119
Karnataka	20,504	18,581	2,443	16,138	1,923
Kerala	5,359	3,536	1,747	1,789	1,823
Madhya Pradesh	72,034	57,859	2,654	55,205	14,175
Maharashtra	30,463	25,917	3,471	22,446	4,546
Manipur	5,233	4,133	212	3,921	1,100
Meghalaya	2,197	1,056	0	1,056	1,141
Mizoram	2,976	2,274	0	2,274	702
Nagaland	3,634	3,056	4	3,052	578
Odisha	46,093	29,458	913	28,545	16,635
Punjab	8,040	6,765	1,275	5,490	1,275
Rajasthan	63,460	53,845	797	53,048	9,615
Sikkim	4,003	3,129	580	2,549	874
Tamil Nadu	15,643	13,093	2,393	10,700	2,550
Tripura	5,742	3,804	933	2,871	1,938
Uttar Pradesh	72,014	55,673	14,457	41,216	16,341
Uttarakhand	9,230	4,937	6	4,931	4,293
West Bengal	26,843	17,558	1,799	15,759	9,285
Dadra & Nagar Haveli	182	0	0	0	182
Puducherry	107	88	19	69	19
<b>ALL INDIA</b>	<b>6,03,581</b>	<b>4,45,639</b>	<b>45,658</b>	<b>3,99,981</b>	<b>1,57,942</b>

Source : National Rural Road Development Agency, Ministry of Rural Development

**Annexure No.5.6**  
**LENGTH OF PRADHAN MANTRI GRAM SADAK YOJANA ROADS**  
**AS ON 31st MARCH 2015 (STATE-WISE)**

					(In kms)
States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	30,638	26,516	5,221	21,295	4,122
Arunachal Pradesh	6,481	4,835	61	4,774	1,646
Assam	17,628	15,554	31	15,523	2,074
Bihar	52,775	35,354	2,440	32,914	17,421
Chhattisgarh	35,048	29,909	5,483	24,426	5,139
Goa	207	183	24	159	24
Gujarat	18,441	16,343	5,786	10,557	2,098
Haryana	6,974	6,603	1,413	5,190	371
Himachal Pradesh	14,857	11,806	1,161	10,645	3,051
Jammu & Kashmir	10,387	6,353	232	6,121	4,034
Jharkhand	21,150	13,221	1,918	11,303	7,929
Karnataka	22,847	20,990	4,224	16,766	1,857
Kerala	6,743	5,520	3,385	2,135	1,223
Madhya Pradesh	73,661	66,178	5,792	60,386	7,483
Maharashtra	31,012	26,890	3,944	22,946	4,122
Manipur	7,405	4,906	685	4,221	2,499
Meghalaya	2,203	1,100	0	1,100	1,103
Mizoram	2,852	2,323	1	2,322	529
Nagaland	3,638	3,275	8	3,267	363
Odisha	46,849	34,048	1,660	32,388	12,801
Punjab	8,926	8,215	1,987	6,228	711
Rajasthan	63,872	57,719	1,438	56,281	6,153
Sikkim	4,780	3,890	1,220	2,670	890
Tamil Nadu	17,749	16,378	3,713	12,665	1,371
Tripura	6,479	4,796	1,686	3,110	1,683
Uttakhnd	9,104	6,138	492	5,646	2,966
Uttar Pradesh	74,113	64,725	21,508	43,217	9,388
West Bengal	9,104	6,138	492	5,646	2,966
Dadra & Nagar Have	182	0	0	0	182
Puducherry	107	88	19	69	19
ALL INDIA	6,06,212	4,99,994	76,024	4,23,970	1,06,218

Source : National Rural Road Development Agency, Ministry of Rural Development

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**ANNEXURE**

**URBAN ROADS**

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## Annexure No. 6.1

**TOTAL AND SURFACED LENGTH OF URBAN ROADS IN INDIA**  
**AS ON 31st MARCH 2014 (STATE/UT-WISE)**

(in kms)

States/UTs	Total	Surfaced
1	2	3
Andhra Pradesh	13,242	10,509
Arunachal Pradesh	148	146
Assam	5,019	2,693
Bihar	8,823	3,699
Chhattisgarh	11,656	9,772
Goa	679	603
Gujarat	24,789	20,691
Haryana	11,035	7,993
Himachal Pradesh	2,062	1,526
Jammu & Kashmir	1,354	1,349
Jharkhand	648	625
Karnataka	42,925	28,917
Kerala	24,155	20,230
Madhya Pradesh	14,715	10,526
Maharashtra	20,346	15,112
Manipur	165	110
Meghalaya	195	191
Mizoram	346	299
Nagaland	100	98
Odisha	19,092	11,806
Punjab	15,645	12,842
Rajasthan	24,585	21,486
Sikkim	147	133
Tamil Nadu	24,577	22,092
Telangana	371	370
Tripura	279	230
Uttarakhand	4,520	2,991
Uttar Pradesh	58,030	40,717
West Bengal	94,538	66,155
Andaman & Nicobar Islands	139	138
Chandigarh	2,630	2,625
Daman & Diu	123	123
Delhi	29,511	20,825
Lakshadweep	5	5
Puducherry	873	832
<b>ALL INDIA</b>	<b>4,57,467</b>	<b>3,38,459</b>

Sources : 1. State Departments of Municipal Administration/Urban Affairs

2. Directorate of Works, Integrated HQ of MoD (Army)

3. Zonal railway headquarters 4. Major Port Trust 5. State Maritime Boards



## Annexure No.6.2

**TOTAL AND SURFACED LENGTH OF URBAN ROADS IN INDIA  
AS ON 31st MARCH 2015 (STATE/UT-WISE)**

(in kms)

<b>States/UTs</b>	<b>Total</b>	<b>Surfaced</b>
<b>1</b>	<b>2</b>	<b>3</b>
Andhra Pradesh	13,602	10,536
Arunachal Pradesh	159	157
Assam	5,096	2,728
Bihar	8,823	3,699
Chhattisgarh	11,964	10,134
Goa	708	630
Gujarat	25,762	21,226
Haryana	12,553	8,975
Himachal Pradesh	2,086	1,549
Jammu & Kashmir	1,404	1,399
Jharkhand	652	632
Karnataka	42,972	28,919
Kerala	24,499	20,501
Madhya Pradesh	14,752	10,561
Maharashtra	20,687	15,121
Manipur	182	127
Meghalaya	215	211
Mizoram	346	299
Nagaland	99	97
Odisha	19,113	11,825
Punjab	15,645	12,842
Rajasthan	27,310	23,293
Sikkim	148	134
Tamil Nadu	24,592	22,207
Telengana	378	377
Tripura	279	230
Uttarakhand	4,602	3,055
Uttar Pradesh	60,551	44,522
West Bengal	94,544	66,162
Andaman & Nicobar Islands	141	140
Chandigarh	2,692	2,687
Daman & Diu	126	126
Delhi	29,525	20,839
Lakshadweep	7	7
Puducherry	892	849
<b>ALL INDIA</b>	<b>4,67,106</b>	<b>3,46,796</b>

Sources : 1. State Departments of Municipal Administration/Urban Affairs

2. Directorate of Works, Integrated HQ of MoD (Army)

3. Zonal railway headquarters 4. Major Port Trust 5. State Maritime

**Annexure No. 6.3**  
**LENGTH OF URBAN ROADS BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2014(STATE/UT-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C.	Total (B)
1	2	3	4	5	6
Andhra Pradesh	13,242	10,509	3,207	7,302	2,733
Arunachal Pradesh	148	146	0	146	2
Assam	5,019	2,693	485	2,208	2,326
Bihar	8,823	3,699	1,130	2,569	5,124
Chhattisgarh	11,656	9,772	1,049	8,723	1,884
Goa	679	603	80	523	76
Gujarat	24,789	20,691	2,829	17,862	4,098
Haryana	11,035	7,993	481	7,512	3,042
Himachal Pradesh	2,062	1,526	87	1,439	536
Jammu & Kashmir	1,354	1,349	45	1,304	5
Jharkhand	648	625	119	506	23
Karnataka	42,925	28,917	6,377	22,540	14,008
Kerala	24,155	20,230	2,859	17,371	3,925
Madhya Pradesh	14,715	10,526	2,999	7,527	4,189
Maharashtra	20,346	15,112	6,142	8,970	5,234
Manipur	165	110	23	87	55
Meghalaya	195	191	0	191	4
Mizoram	346	299	3	296	47
Nagaland	100	98	1	97	2
Odisha	19,092	11,806	3,339	8,467	7,286
Punjab	15,645	12,842	577	12,265	2,803
Rajasthan	24,585	21,486	1,756	19,730	3,099
Sikkim	147	133	3	130	14
Tamil Nadu	24,577	22,092	1,237	20,855	2,485
Telangana	371	370	10	360	1
Tripura	279	230	99	131	49
Uttarakhand	4,520	2,991	351	2,640	1,529
Uttar Pradesh	58,030	40,717	91	40,626	17,313
West Bengal	94,538	66,155	5,160	60,995	28,383
Andaman & Nicobar Islands	139	138	4	134	1
Chandigarh	2,630	2,625	0	2,625	5
Daman & Diu	123	123	0	123	0
Delhi	29,511	20,825	12	20,813	8,686
Lakshadweep	5	5	0	5	0
Puducherry	873	832	116	716	41
<b>ALL INDIA</b>	<b>4,57,467</b>	<b>3,38,459</b>	<b>40,671</b>	<b>2,97,788</b>	<b>1,19,008</b>

Sources : 1. State Departments of Municipal Administration/Urban Affairs

2. Directorate of Works, Engineering in Chief's Branch, Integrated HQ of MoD (Army)

3. Zonal railway headquarters      4. Major Port Trust      5. State Maritime Boards

**Annexure No.6.4**  
**LENGTH OF URBAN ROADS BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2015(STATE/UT-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C.	Total (B)
1	2	3	4	5	6
Andhra Pradesh	13,602	10,536	3,211	7,325	3,066
Arunachal Pradesh	159	157	0	157	2
Assam	5,096	2,728	474	2,254	2,368
Bihar	8,823	3,699	1,130	2,569	5,124
Chhattisgarh	11,964	10,134	999	9,135	1,830
Goa	708	630	82	548	78
Gujarat	25,762	21,226	2,886	18,340	4,536
Haryana	12,553	8,975	593	8,382	3,578
Himachal Pradesh	2,086	1,549	86	1,463	537
Jammu & Kashmir	1,404	1,399	45	1,354	5
Jharkhand	652	632	123	509	20
Karnataka	42,972	28,919	6,378	22,541	14,053
Kerala	24,499	20,501	2,878	17,623	3,998
Madhya Pradesh	14,752	10,561	3,004	7,557	4,191
Maharashtra	20,687	15,121	6,146	8,975	5,566
Manipur	182	127	23	104	55
Meghalaya	215	211	0	211	4
Mizoram	346	299	3	296	47
Nagaland	99	97	1	96	2
Odisha	19,113	11,825	3,340	8,485	7,288
Punjab	15,645	12,842	577	12,265	2,803
Rajasthan	27,310	23,293	1,985	21,308	4,017
Sikkim	148	134	3	131	14
Tamil Nadu	24,592	22,207	1,220	20,987	2,385
Telengana	378	377	12	365	1
Tripura	279	230	99	131	49
Uttarakhand	4,602	3,055	363	2,692	1,547
Uttar Pradesh	60,551	44,522	86	44,436	16,029
West Bengal	94,544	66,162	5,163	60,999	28,382
Andaman & Nicobar Islands	141	140	4	136	1
Chandigarh	2,692	2,687	0	2,687	5
Daman & Diu	126	126	0	126	0
Delhi	29,525	20,839	12	20,827	8,686
Lakshadweep	7	7	0	7	0
Puducherry	892	849	124	725	43
<b>ALL INDIA</b>	<b>4,67,106</b>	<b>3,46,796</b>	<b>41,050</b>	<b>3,05,746</b>	<b>1,20,310</b>

Sources : 1. State Departments of Municipal Administration/Urban Affairs

2. Directorate of Works, Engineering in Chief's Branch, Integrated HQ of MoD (Army)

3. Zonal railway headquarters      4. Major Port Trust      5. State Maritime Boards

**Annexure No. 6.5**  
**LENGTH OF MUNICIPAL ROADS BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2014 (STATE/UT-WISE)**

States/UTs	Total (A+B)	Surfaced			(in kms) Unsurfaced
		Total (A)	W.B.M.	B.T./C.C.	Total (B)
1	2	3	4	5	6
Andhra Pradesh %	11,461	8,754	3,123	5,631	2,707
Arunachal Pradesh	6	6	0	6	0
Assam	4,181	1,897	449	1,448	2,284
Bihar ^^	8,537	3,487	1,112	2,375	5,050
Chhattisgarh	11,262	9,411	1,004	8,407	1,851
Goa	593	517	79	438	76
Gujarat	23,647	19,666	2,729	16,937	3,981
Haryana	10,186	7,241	383	6,858	2,945
Himachal Pradesh	1,575	1,141	84	1,057	434
Jammu & Kashmir \$	441	441	2	439	0
Jharkhand	0	0	0	0	0
Karnataka +	41,611	27,617	6,323	21,294	13,994
Kerala	23,645	19,724	2,835	16,889	3,921
Madhya Pradesh %	13,087	8,955	2,887	6,068	4,132
Maharashtra @	17,868	12,797	6,000	6,797	5,071
Manipur \$	122	68	22	46	54
Meghalaya ^^	30	26	0	26	4
Mizoram	328	284	0	284	44
Odisha !	18,214	10,978	3,235	7,743	7,236
Punjab +	14,325	11,573	513	11,060	2,752
Rajasthan	22,262	19,239	1,637	17,602	3,023
Sikkim	133	133	3	130	0
Tamil Nadu	23,350	20,921	1,068	19,853	2,429
Tripura @	194	157	75	82	37
Uttarakhand	4,460	2,935	321	2,614	1,525
Uttar Pradesh	55,778	38,838		38,838	16,940
West Bengal !	92,963	64,759	4,831	59,928	28,204
Andaman & Nicobar Islands !	42	42	0	42	0
Chandigarh	2,322	2,322	0	2,322	0
Daman & Diu	31	31	0	31	0
Delhi +	28,574	19,890	0	19,890	8,684
Puducherry	855	818	116	702	37
<b>ALL INDIA</b>	<b>4,32,083</b>	<b>3,14,668</b>	<b>38,831</b>	<b>2,75,837</b>	<b>1,17,415</b>

Source : State Departments of Municipal Administration/Urban Affairs, etc.

%; As on 31st March 2002

\$: As on 31st March 1999

^^: As on 31st March 2005

@: As on 31st March 1989

+: As on 31st March 2013

!: As on 31st March 2011

**Annexure No. 6.6**  
**LENGTH OF MUNICIPAL ROADS BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2015(STATE/UT-WISE)**

States/UTs	Total (A+B)	Surfaced			(in kms) Unsurfaced
		Total (A)	W.B.M.	B.T./C.C.	Total (B)
1	2	3	4	5	6
Andhra Pradesh #	11,461	8,754	3,123	5,631	2,707
Arunachal Pradesh	6	6	0	6	0
Assam	4,254	1,928	438	1,490	2,326
Bihar *	8,537	3,487	1,112	2,375	5,050
Chhattisgarh	11,566	9,774	949	8,825	1,792
Goa	613	535	81	454	78
Gujarat	25,039	20,503	2,874	17,629	4,536
Haryana	11,704	8,223	495	7,728	3,481
Himachal Pradesh	1,599	1,164	83	1,081	435
Jammu & Kashmir \$	441	441	2	439	0
Karnataka +	41,611	27,617	6,323	21,294	13,994
Kerala	23,989	19,995	2,854	17,141	3,994
Madhya Pradesh #	13,087	8,955	2,887	6,068	4,132
Maharashtra @	17,868	12,797	6,000	6,797	5,071
Manipur \$	122	68	22	46	54
Meghalaya *	30	26	0	26	4
Mizoram	328	284	0	284	44
Odisha !	18,214	10,978	3,235	7,743	7,236
Punjab +	14,325	11,573	513	11,060	2,752
Rajasthan	24,986	21,046	1,867	19,179	3,940
Sikkim	134	134	3	131	0
Tamil Nadu	23,350	21,025	1,048	19,977	2,325
Tripura @	194	157	75	82	37
Uttarakhand	4,542	2,999	333	2,666	1,543
Uttar Pradesh	58,291	42,636	0	42,636	15,655
West Bengal !	92,963	64,759	4,831	59,928	28,204
Andaman & Nicobar Islands !	42	42	0	42	0
Chandigarh	2,334	2,334	0	2,334	0
Daman & Diu	31	31	0	31	0
Delhi ^	28,574	19,890	0	19,890	8,684
Puducherry	874	835	124	711	39
<b>ALL INDIA</b>	<b>4,41,109</b>	<b>3,22,996</b>	<b>39,272</b>	<b>2,83,724</b>	<b>1,18,113</b>

Source : State Departments of Municipal Administration/Urban Affairs, etc.

+: As on 31st March 2013

\*: As on 31st March 2005

\$: As on 31st March 1999

!: As on 31st March 2011

#: As on 31st March 2002

@: As on 31st March 1989

^: Data w.r.to MCD As on 31 March, 2008 and NDMC As on 31 March,2013

**Annexure No. 6.7**  
**LENGTH OF MILITARY ENGINEERING SERVICE ROADS BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2014(STATE/UT-WISE)**

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	720	720	0	720	0
Arunachal Pradesh	138	138	0	138	0
Assam	287	287	0	287	0
Bihar	57	57	0	57	0
Chhattisgarh	1	1	0	1	0
Goa	58	58	0	58	0
Gujarat	508	508	2	506	0
Haryana	415	415	79	336	0
Himachal Pradesh	190	166	0	166	24
Jammu & Kashmir	860	855	43	812	5
Jharkhand	142	142	0	142	0
Karnataka	933	933	5	928	0
Kerala	371	371	3	368	0
Madhya Pradesh	994	994	4	990	0
Maharashtra	1,403	1,403	3	1,400	0
Manipur	40	40	0	40	0
Meghalaya	163	163	0	163	0
Mizoram	10	10	0	10	0
Nagaland	88	88	0	88	0
Odisha	152	150	0	150	2
Punjab	1,042	1,032	22	1,010	10
Rajasthan	1,496	1,496	0	1,496	0
Sikkim	14	0	0	0	14
Tamil Nadu	622	622	94	528	0
Tripura	22	22	0	22	0
Uttarakhand	42	40	29	11	2
Uttar Pradesh	498	489	0	489	9
West Bengal	295	230	120	110	65
Andaman & Nicobar Islands	85	85	0	85	0
Chandigarh	308	303	0	303	5
Daman & Diu	88	88	0	88	0
Delhi	742	742	0	742	0
Lakshadweep	5	5	0	5	0
<b>ALL INDIA</b>	<b>12,789</b>	<b>12,653</b>	<b>404</b>	<b>12,249</b>	<b>136</b>

Source : Directorate of Works, Engineering in Chief's Branch, Integrated HQ of MoD (Army)

As on 31.3.2013

## Annexure No.. 6.8

**LENGTH OF MILITARY ENGINEERING SERVICE ROADS BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2015 (STATE/UT-WISE)**

States/UTs	Total (A+B)	Surfaced			(in kms) Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	720	720	0	720	0
Arunachal Pradesh	149	149	0	149	0
Assam	287	287	0	287	0
Bihar	57	57	0	57	0
Chhattisgarh	1	1	0	1	0
Goa	67	67	0	67	0
Gujarat	520	520	2	518	0
Haryana	415	415	79	336	0
Himachal Pradesh	190	166	0	166	24
Jammu & Kashmir	910	905	43	862	5
Jharkhand	142	142	0	142	0
Karnataka	933	933	5	928	0
Kerala	371	371	3	368	0
Madhya Pradesh	1,010	1,010	4	1,006	0
Maharashtra	1,404	1,404	3	1,401	0
Manipur	57	57	0	57	0
Meghalaya	183	183	0	183	0
Mizoram	10	10	0	10	0
Nagaland	87	87	0	87	0
Odisha	152	150	0	150	2
Punjab	1,042	1,032	22	1,010	10
Rajasthan	1,496	1,496	0	1,496	0
Sikkim	14	0	0	0	14
Tamil Nadu	622	622	94	528	0
Tripura	22	22	0	22	0
Uttarakhand	42	40	29	11	2
Uttar Pradesh	498	489	0	489	9
West Bengal	295	230	120	110	65
Andaman & Nicobar Islands	87	87	0	87	0
Chandigarh	358	353	0	353	5
Daman & Diu	91	91	0	91	0
Delhi	756	756	0	756	0
Lakshadweep	7	7	0	7	0
<b>ALL INDIA</b>	<b>12,995</b>	<b>12,859</b>	<b>404</b>	<b>12,455</b>	<b>136</b>

Source : Directorate of Works, Engineering in Chief's Branch, Integrated HQ of MoD (Army)

**Annexure No. 6.9**  
**LENGTH OF RAILWAY ROADS BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2014 (STATE/UT-WISE)**

States/UTs	Total (A+B)	Surfaced			(in kms)
		Total (A)	W.B.M.	B.T./C.C	Unsurfaced Total (B)
1	2	3	4	5	6
Andhra Pradesh	943	917	82	835	26
Arunachal Pradesh	4	2	0	2	2
Assam	551	509	36	473	42
Bihar	229	155	18	137	74
Chhattisgarh	393	360	45	315	33
Goa	3	3	1	2	0
Gujarat	431	314	88	226	117
Haryana	434	337	19	318	97
Himachal Pradesh	297	219	3	216	78
Jammu & Kashmir	53	53	0	53	0
Jharkhand	506	483	119	364	23
Karnataka	319	305	46	259	14
Kerala	93	89	15	74	4
Madhya Pradesh	634	577	108	469	57
Maharashtra	934	779	139	640	155
Manipur	3	2	1	1	1
Meghalaya	2	2	0	2	0
Mizoram	8	5	3	2	3
Nagaland	12	10	1	9	2
Odisha	541	525	80	445	16
Punjab	278	237	42	195	41
Rajasthan	827	751	119	632	76
Tamil Nadu	485	430	71	359	55
Telangana	371	370	10	360	1
Tripura	63	51	24	27	12
Uttarakhand	18	16	1	15	2
Uttar Pradesh	1,754	1,390	91	1,299	364
West Bengal	1,126	1,012	161	851	114
Delhi	195	193	12	181	2
Puducherry	1	1	0	1	0
<b>ALL INDIA</b>	<b>11,508</b>	<b>10,097</b>	<b>1,335</b>	<b>8,762</b>	<b>1,411</b>

Source : Data based on Railway Zones which had reported.

1: Figures for South Central Railway, East Coast Railway, Southern Railway, North-East Frontier Railway, North-Eastern, South East Central, South East, West Central, North-East Frontier, as on 31.3.2014

2: Figures South Western as on 31.3.2013; .

3: Figures for North Western and North central Railway are as on 31.3.2012

4: Figures for East Central railway is as on 31.3.2008

5: Figures for Central railway is as on 31.3.2006;

6: Figures for Northern Railway is as on 31.3.2004



**Annexure No. 6.10**  
**LENGTH OF RAILWAY ROADS BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2015 (STATE/UT-WISE)**

States/UTs	Total (A+B)	Surfaced			(in kms)
		Total (A)	W.B.M.	B.T./C.C	Unsurfaced
					Total (B)
1	2	3	4	5	6
Andhra Pradesh	1,303	944	86	858	359
Arunachal Pradesh	4	2	0	2	2
Assam	555	513	36	477	42
Bihar	229	155	18	137	74
Chhattisgarh	397	359	50	309	38
Goa	3	3	1	2	0
Haryana	434	337	19	318	97
Himachal Pradesh	297	219	3	216	78
Jammu & Kashmir	53	53	0	53	0
Jharkhand	510	490	123	367	20
Karnataka	366	307	47	260	59
Kerala	93	89	15	74	4
Madhya Pradesh	655	596	113	483	59
Maharashtra	1,274	787	143	644	487
Manipur	3	2	1	1	1
Meghalaya	2	2	0	2	0
Mizoram	8	5	3	2	3
Nagaland	12	10	1	9	2
Odisha	560	543	81	462	17
Punjab	278	237	42	195	41
Rajasthan	828	751	118	633	77
Tamil Nadu	500	441	74	367	59
Telengana	378	377	12	365	1
Tripura	63	51	24	27	12
Uttarakhand	18	16	1	15	2
Uttar Pradesh	1,762	1,397	86	1,311	365
West Bengal	1,132	1,019	165	854	113
Delhi	195	193	12	181	2
Puducherry	1	1	0	1	0
<b>ALL INDIA</b>	<b>11,913</b>	<b>9,899</b>	<b>1,274</b>	<b>8,625</b>	<b>2,014</b>

Source : Data based on Railway Zones which had reported.

1: Figures for South Central Railway, East Coast Railway, Southern Railway, North-East Frontier Railway, North-Eastern, South East Central, South East and West Central, as on 31.3.2014

2: Figures South Western as on 31.3.2013; .

4: Figures for North Western and North central Railway are as on 31.3.2012

5: Figures for East Central are as on 31.3.2008

6: Figures for Central are as on 31.3.2006;

3: Figures for Northern Railway are as on 31.3.2004

**Annexure No. 6.11**  
**LENGTH OF MAJOR PORT ROADS BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2014 (STATE-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	100	100	2	98	0
Goa	25	25	0	25	0
Gujarat	61	61	0	61	0
Karnataka	47	47	3	44	0
Kerala	35	35	5	30	0
Maharashtra	141	133	0	133	8
Odisha	121	119	4	115	2
Tamil Nadu	116	115	3	112	1
West Bengal	154	154	48	106	0
<b>ALL INDIA</b>	<b>800</b>	<b>789</b>	<b>65</b>	<b>724</b>	<b>11</b>

Source : Major Port Trusts

Note:- Figures for Kandla Port Trust and Tuticorin Port Trust are as on 31.03.2013

**Annexure No. 6.12**

**LENGTH OF MAJOR PORT ROADS BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2015 (STATE-WISE)**

**(in kms)**

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	100	100	2	98	0
Goa	25	25	0	25	0
Gujarat	61	61	0	61	0
Karnataka	47	47	3	44	0
Kerala	35	35	5	30	0
Maharashtra	141	133	0	133	8
Odisha	121	119	4	115	2
Tamil Nadu	116	115	3	112	1
West Bengal	154	154	47	107	0
<b>ALL INDIA</b>	<b>800</b>	<b>789</b>	<b>64</b>	<b>725</b>	<b>11</b>

Source : Major Port Trusts

Note:- Figures for Kandla Port Trust and Tuticorin Port Trust are as on 31.03.2013

**Annexure No. 6.13**  
**LENGTH OF MINOR PORT ROADS BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2014 (STATE/UT-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	18	18	0	18	0
Gujarat	142	142	10	132	0
Karnataka	15	15	0	15	0
Kerala	11	11	1	10	0
Odisha	64	34	20	14	30
Tamil Nadu	4	4	1	3	0
Andaman & Nicobar Islands #	12	11	4	7	1
Daman & Diu \$	4	4	0	4	0
Puducherry	17	13	0	13	4
<b>ALL INDIA</b>	<b>287</b>	<b>252</b>	<b>36</b>	<b>216</b>	<b>35</b>

Source : State Maritime Boards

\$: As on 31 .3.2011

#:As on 31.3.2013

**Annexure No. 6.14**  
**LENGTH OF MINOR PORT ROADS BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2015 (STATE/UT-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	18	18	0	18	0
Gujarat	142	142	10	132	0
Karnataka	15	15	0	15	0
Kerala	11	11	1	10	0
Odisha	66	35	20	15	31
Tamil Nadu	4	4	1	3	0
Andaman & Nicobar Islands #	12	11	4	7	1
Daman & Diu \$	4	4	0	4	0
Puducherry	17	13	0	13	4
<b>ALL INDIA</b>	<b>289</b>	<b>253</b>	<b>36</b>	<b>217</b>	<b>36</b>

Source : State Maritime Boards

# As on 31.3.2013

\$ As on 31 .3.2011

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**ANNEXURE**

**PROJECT ROADS**

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**Annexure No. 7.1**  
**TOTAL AND SURFACED LENGTH OF PROJECT ROADS IN INDIA**  
**AS ON 31st MARCH 2014 (STATE/UT-WISE)**

(in kms)		
States/UTs	Total	Surfaced
1	2	3
Andhra Pradesh	6,007	3,048
Arunachal Pradesh	3,001	1,528
Assam	15,026	1,383
Bihar	2,559	508
Chhattisgarh	18,263	3,231
Goa	181	66
Gujarat	12,808	4,944
Haryana	576	130
Himachal Pradesh	2,337	98
Jammu & Kashmir	12,194	825
Jharkhand	9,309	1,827
Karnataka	17,575	7,404
Kerala	9,193	4,139
Madhya Pradesh	33,167	8,816
Maharashtra	20,119	6,629
Manipur	976	972
Meghalaya	580	137
Mizoram	259	217
Nagaland	532	345
Odisha	25,550	9,362
Punjab	10,330	2,295
Rajasthan	5,907	2,031
Sikkim	97	95
Tamil Nadu	8,889	5,258
Telengana	3,322	1,783
Tripura	1,404	70
Uttarakhand	18,161	1,586
Uttar Pradesh	44,629	12,478
West Bengal	13,226	4,990
Andaman & Nicobar Islands	108	16
Puducherry	34	26
<b>ALL INDIA</b>	<b>2,96,319</b>	<b>86,237</b>

Sources : 1. State Departments of Forest

2. Irrigation Departments of States
3. State Departments of Electricity
4. State Sugarcane Departments
5. Coal Departments of State Governments
6. Steel Authority of India Ltd.
7. National Mineral Development Corporation
8. Border Roads Organisation

**Annexure No. 7.2**  
**TOTAL AND SURFACED LENGTH OF PROJECT ROADS IN INDIA**  
**AS ON 31st MARCH 2015 (STATE/UT-WISE)**

(in kms)		
States/UTs	Total	Surfaced
1	2	3
Andhra Pradesh	6,007	3,050
Arunachal Pradesh	3,080	1,498
Assam	17,381	1,456
Bihar	2,559	508
Chhattisgarh	18,284	3,270
Goa	181	66
Gujarat	12,808	4,945
Haryana	576	130
Himachal Pradesh	2,337	98
Jammu & Kashmir	11,895	574
Jharkhand	9,309	1,827
Karnataka	17,837	7,410
Kerala	8,748	4,126
Madhya Pradesh	35,090	9,435
Maharashtra	21,072	8,176
Manipur	976	972
Meghalaya	584	138
Mizoram	252	208
Nagaland	766	579
Odisha	25,569	9,401
Punjab	10,333	2,299
Rajasthan	5,932	2,056
Sikkim	97	95
Tamil Nadu	8,921	5,290
Telengana	3,322	1,783
Tripura	1,405	71
Uttarakhand	18,156	1,581
Uttar Pradesh	44,631	12,482
West Bengal	13,254	5,024
Andaman & Nicobar Islands	109	16
Puducherry	34	26
<b>ALL INDIA</b>	<b>3,01,505</b>	<b>88,590</b>

Sources : 1. State Departments of Forest  
2. Irrigation Departments of States  
3. State Departments of Electricity  
4. State Sugarcane Departments  
5. Coal Departments of State Governments  
6. Steel Authority of India Ltd.  
7. National Mineral Development Corporation  
8. Border Roads Organisation



**Annexure No. 7.3**  
**LENGTH OF PROJECT ROADS BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2014 (STATE/UT-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced Total (B)
		Total (A)	W.B.M.	B.T./C.C	
1	2	3	4	5	6
Andhra Pradesh	6,007	3,048	1,816	1,232	2,959
Arunachal Pradesh	3,001	1,528	60	1,468	1,473
Assam	15,026	1,383	264	1,119	13,643
Bihar	2,559	508	148	360	2,051
Chhattisgarh	18,263	3,231	1,676	1,555	15,032
Goa	181	66	17	49	115
Gujarat	12,808	4,944	1,954	2,990	7,864
Haryana	576	130	5	125	446
Himachal Pradesh	2,337	98	31	67	2,239
Jammu & Kashmir	12,194	825	188	637	11,369
Jharkhand	9,309	1,827	214	1,613	7,482
Karnataka	17,575	7,404	4,942	2,462	10,171
Kerala	9,193	4,139	1,534	2,605	5,054
Madhya Pradesh	33,167	8,816	4,244	4,572	24,351
Maharashtra	20,119	6,629	5,071	1,558	13,490
Manipur	976	972	22	950	4
Meghalaya	580	137	14	123	443
Mizoram	259	217	56	161	42
Nagaland	532	345	0	345	187
Odisha	25,550	9,362	5,644	3,718	16,188
Punjab	10,330	2,295	122	2,173	8,035
Rajasthan	5,907	2,031	383	1,648	3,876
Sikkim	97	95	0	95	2
Tamil Nadu	8,889	5,258	1,170	4,088	3,631
Telangana	3,322	1,783	737	1,046	1,539
Tripura	1,404	70	36	34	1,334
Uttarakhand	18,161	1,586	26	1,560	16,575
Uttar Pradesh	44,629	12,478	1,082	11,396	32,151
West Bengal	13,226	4,990	1,982	3,008	8,236
Andaman & Nicobar Islands	108	16	0	16	92
Puducherry	34	26	5	21	8
<b>ALL INDIA</b>	<b>2,96,319</b>	<b>86,237</b>	<b>33,443</b>	<b>52,794</b>	<b>2,10,082</b>

Sources : 1. State Departments of Forest                      2. State Departments of Irrigation  
3. State Departments of Electricity                      4. State Sugarcane Departments  
5. Coal Departments of State Governments  
6. Steel Authority of India Ltd.                      7. National Mineral Development Corporation  
8. Border Roads

**Annexure No. 7.4**  
**LENGTH OF PROJECT ROADS BY TYPE OF SURFACE IN INDIA**  
**AS ON 31st MARCH 2015 (STATE/UT-WISE)**

States/UTs	Total (A+B)	Surfaced		Unsurfaced	
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	6,007	3,050	1,802	1,248	2,957
Arunachal Pradesh	3,080	1,498	76	1,422	1,582
Assam	17,381	1,456	406	1,050	15,925
Bihar	2,559	508	148	360	2,051
Chhattisgarh	18,284	3,270	1,681	1,589	15,014
Goa	181	66	17	49	115
Gujarat	12,808	4,945	1,955	2,990	7,863
Haryana	576	130	5	125	446
Himachal Pradesh	2,337	98	31	67	2,239
Jammu & Kashmir	11,895	574	189	385	11,321
Jharkhand	9,309	1,827	214	1,613	7,482
Karnataka	17,837	7,410	4,942	2,468	10,427
Kerala	8,748	4,126	1,439	2,687	4,622
Madhya Pradesh	35,090	9,435	3,301	6,134	25,655
Maharashtra	21,072	8,176	6,528	1,648	12,896
Manipur	976	972	15	957	4
Meghalaya	584	138	14	124	446
Mizoram	252	208	46	162	44
Nagaland	766	579	0	579	187
Odisha	25,569	9,401	5,649	3,752	16,168
Punjab	10,333	2,299	122	2,177	8,034
Rajasthan	5,932	2,056	370	1,686	3,876
Sikkim	97	95	0	95	2
Tamil Nadu	8,921	5,290	1,182	4,108	3,631
Telangana	3,322	1,783	737	1,046	1,539
Tripura	1,405	71	37	34	1,334
Uttarakhand	18,156	1,581	24	1,557	16,575
Uttar Pradesh	44,631	12,482	1,086	11,396	32,149
West Bengal	13,254	5,024	1,947	3,077	8,230
Andaman & Nicobar Islands	109	16	0	16	93
Puducherry	34	26	5	21	8
<b>ALL INDIA</b>	<b>3,01,505</b>	<b>88,590</b>	<b>33,968</b>	<b>54,622</b>	<b>2,12,915</b>

Sources : 1. State Departments of Forest      2. State Departments of Irrigation  
3. State Departments of Electricity      4. State Sugarcane Departments  
5. Coal Departments of State Governments  
6. Steel Authority of India Ltd.      7. National Mineral Development Corporation  
8. Border Roads

**Annexure No. 7.5**

**LENGTH OF ROADS UNDER FOREST DEPARTMENT BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2014(STATE/UT-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced Total (B)
		Total (A)	W.B.M.	B.T./C.C	
1	2	3	4	5	6
Andhra Pradesh	4,096	1,311	1,247	64	2,785
Arunachal Pradesh	1,150	50	7	43	1,100
Assam	13,296	839	223	616	12,457
Bihar !	2,030	0	0	0	2,030
Chhattisgarh !	14,375	2,010	1,524	486	12,365
Goa	181	66	17	49	115
Gujarat	3,879	2,631	579	2,052	1,248
Haryana ^	459	16	2	14	443
Himachal Pradesh	2,245	26	0	26	2,219
Jammu & Kashmir	11,107	75	25	50	11,032
Jharkhand \$	7,349	0	0	0	7,349
Karnataka	7,477	881	477	404	6,596
Kerala	4,523	1,202	820	382	3,321
Madhya Pradesh	27,923	6,583	3,140	3,443	21,340
Maharashtra	12,838	3,423	3,167	256	9,415
Meghalaya	250	11	1	10	239
Mizoram	46	13	3	10	33
Nagaland	289	102	0	102	187
Odisha	7,548	1,277	1,171	106	6,271
Punjab	707	0	0	0	707
Rajasthan \$	4,678	1,176	238	938	3,502
Sikkim !	5	3	0	3	2
Tamil Nadu	3,323	1,386	677	709	1,937
Telangana	2,252	771	611	160	1,481
Tripura - &	1,346	12	0	12	1,334
Uttarakhand	16,776	281	0	281	16,495
Uttar Pradesh	8,415	1,601	963	638	6,814
West Bengal	6,817	1,810	658	1,152	5,007
Andaman & Nicobar Islands	108	16	0	16	92
<b>ALL INDIA</b>	<b>1,65,488</b>	<b>27,572</b>	<b>15,550</b>	<b>12,022</b>	<b>1,37,916</b>

Source : State Departments of Forests

\$: As on 31st March 2013

&: As on 31st March 2006

!: As on 31st March 2011

^: As on 31st March 2004

**Annexure No. 7.6**

**LENGTH OF ROADS UNDER FOREST DEPARTMENT BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2015 (STATE/UT-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced Total (B)
		Total (A)	W.B.M.	B.T./C.C	
1	2	3	4	5	6
Andhra Pradesh	4,096	1,311	1,247	64	2,785
Arunachal Pradesh	1,273	48	8	40	1,225
Assam	15,279	1,037	361	676	14,242
Bihar !	2,030	0	0	0	2,030
Chhattisgarh !	14,375	2,010	1,524	486	12,365
Goa	181	66	17	49	115
Gujarat	3,879	2,631	579	2,052	1,248
Haryana ^	459	16	2	14	443
Himachal Pradesh *	2,245	26	0	26	2,219
Jammu & Kashmir *	11,107	75	50	25	11,032
Jharkhand !	7,349	0			7,349
Karnataka *	7,477	881	477	404	6,596
Kerala	4,626	1,262	858	404	3,364
Madhya Pradesh	29,798	7,154	2,208	4,946	22,644
Maharashtra	13,821	4,983	4,647	336	8,838
Meghalaya	250	11	1	10	239
Mizoram *	46	13	3	10	33
Nagaland	289	102	0	102	187
Odisha	7,548	1,277	1,171	106	6,271
Punjab #	707	0	0	0	707
Rajasthan \$	4,678	1,176	238	938	3,502
Sikkim !	5	3	0	3	2
Tamil Nadu	3,323	1,386	677	709	1,937
Telangana *	2,252	771	611	160	1,481
Tripura - &	1,346	12	0	12	1,334
Uttarakhand *	16,776	281	0	281	16,495
Uttar Pradesh	8,417	1,605	967	638	6,812
West Bengal *	6,817	1,810	658	1,152	5,007
Andaman & Nicobar Islands	109	16	0	16	93
<b>ALL INDIA</b>	<b>1,70,558</b>	<b>29,963</b>	<b>16,304</b>	<b>13,659</b>	<b>1,40,595</b>

Source : State Departments of Forests

\*: As on 31st March 2014

# : As on 31st March 2012

^: As on 31st March 2004

\$: As on 31st March 2013

! : As on 31st March 2011

&: As on 31st March 2006

## Annexure No. 7.7

**LENGTH OF ROADS UNDER IRRIGATION DEPARTMENT BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2014 (STATE-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh *	848	683	434	249	165
Assam	1,183	24	15	9	1,159
Chhattisgarh	3,011	377	107	270	2,634
Gujarat +	8,768	2,165	1,340	825	6,603
Jammu & Kashmir #	422	133	133	0	289
Karnataka %	9,731	6,250	4,425	1,825	3,481
Kerala	4,407	2,702	667	2,035	1,705
Madhya Pradesh \$	4,296	1,356	753	603	2,940
Maharashtra	6,784	2,754	1,750	1,004	4,030
Meghalaya	205	16	8	8	189
Odisha	17,385	7,512	4,424	3,088	9,873
Punjab	9,200	1,885	85	1,800	7,315
Rajasthan	846	474	123	351	372
Tamil Nadu	3,075	1,422	311	1,111	1,653
Telangana	1,046	988	121	867	58
Uttarakhand	406	343	18	325	63
Uttar Pradesh !	24,169	2,294	119	2,175	21,875
West Bengal	5,271	2,099	1,264	835	3,172
<b>ALL INDIA</b>	<b>1,01,053</b>	<b>33,477</b>	<b>16,097</b>	<b>17,380</b>	<b>67,576</b>

Source : State Departments of Irrigation

\$: As on 31st March 2013

!: As on 31st March 2011

%: As on 31st March 2002

+: As on 31st March 2012

\*: As on 31st March 2005

#: As on 31st March 2003

**Annexure No. 7.8**

**LENGTH OF ROADS UNDER IRRIGATION DEPARTMENT BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2015 (STATE-WISE)**

**(in kms)**

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh *	848	683	434	249	165
Assam	1,690	29	19	10	1,661
Chhattisgarh	3,023	407	111	296	2,616
Gujarat +	8,768	2,165	1,340	825	6,603
Jammu & Kashmir #	422	133	133	0	289
Karnataka !	9,731	6,250	4,425	1,825	3,481
Kerala	3,856	2,626	533	2,093	1,230
Madhya Pradesh \$	4,296	1,356	753	603	2,940
Maharashtra	6,735	2,722	1,718	1,004	4,013
Meghalaya	208	16	8	8	192
Odisha	17,387	7,542	4,429	3,113	9,845
Punjab	9,199	1,885	85	1,800	7,314
Rajasthan	846	474	123	351	372
Tamil Nadu	3,086	1,433	322	1,111	1,653
Telangana	1,046	988	121	867	58
Uttarakhand	406	343	18	325	63
Uttar Pradesh ^	24,169	2,294	119	2,175	21,875
West Bengal	5,279	2,116	1,222	894	3,163
<b>ALL INDIA</b>	<b>1,00,995</b>	<b>33,462</b>	<b>15,913</b>	<b>17,549</b>	<b>67,533</b>

Source : State Departments of Irrigation

\$: As on 31st March 2013      \*: As on 31st March 2005      !: As on 31st March 2002

+: As on 31st March 2012      #: As on 31st March 2003      ^: As on 31st March 1997

**Annexure No. 7.9**

**LENGTH OF ROADS UNDER ELECTRICITY DEPARTMENT BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2014 (STATE-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh +	204	201	52	149	3
Assam	111	91	21	70	20
Bihar +	529	508	148	360	21
Chhattisgarh	177	174	35	139	3
Gujarat	161	148	35	113	13
Haryana %	117	114	3	111	3
Himachal Pradesh	92	72	31	41	20
Jharkhand #	149	146	39	107	3
Karnataka	159	145	26	119	14
Kerala	263	235	47	188	28
Madhya Pradesh	712	657	327	330	55
Meghalaya	125	110	5	105	15
Odisha !	70	68	37	31	2
Punjab	423	410	37	373	13
Rajasthan	383	381	22	359	2
Tamil Nadu	737	696	182	514	41
Telangana	24	24	5	19	0
Uttarakhand +	164	147	4	143	17
Uttar Pradesh	23	19	0	19	4
West Bengal	192	148	6	142	44
<b>ALL INDIA</b>	<b>4,815</b>	<b>4,494</b>	<b>1,062</b>	<b>3,432</b>	<b>321</b>

Source : Data based on State Departments of Electricity which had reported.

+: As on 31st March 2012

# : As on 31st March 2004

!:As on 31st March,2011

%%: As on 31st March 2002

**Annexure No. 7.10**

**LENGTH OF ROADS UNDER ELECTRICITY DEPARTMENT BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2015(STATE-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh +	204	201	52	149	3
Assam	113	98	21	77	15
Bihar +	529	508	148	360	21
Chhattisgarh	186	183	36	147	3
Gujarat	161	149	36	113	12
Haryana %	117	114	3	111	3
Himachal Pradesh	92	72	31	41	20
Jharkhand #	149	146	39	107	3
Karnataka	165	151	26	125	14
Kerala	266	238	48	190	28
Madhya Pradesh	751	696	315	381	55
Meghalaya	126	111	5	106	15
Odisha !	70	68	37	31	2
Punjab	427	414	37	377	13
Rajasthan	408	406	9	397	2
Tamil Nadu	741	700	183	517	41
Telangana	24	24	5	19	0
Uttarakhand +	164	147	4	143	17
Uttar Pradesh	23	19	0	19	4
West Bengal	200	153	6	147	47
<b>ALL INDIA</b>	<b>4,916</b>	<b>4,598</b>	<b>1,041</b>	<b>3,557</b>	<b>318</b>

Source : Data based on State Departments of Electricity which had reported.

+: As on 31st March 2012

# : As on 31st March 2004

!:As on 31st March,2011

%%: As on 31st March 2002



**Annexure No. 7.11**

**LENGTH OF ROADS UNDER SUGARCANE AUTHORITY BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2014 (STATE/UT-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Karnataka	69	0	0	0	69
Tamil Nadu	1,668	1,668	0	1,668	0
Uttarakhand	23	23	4	19	0
Uttar Pradesh *	12,022	8,564	0	8,564	3,458
Puducherry	34	26	5	21	8
<b>ALL INDIA</b>	<b>13,816</b>	<b>10,281</b>	<b>9</b>	<b>10,272</b>	<b>3,535</b>

Source : State Sugarcane Departments

\*: As on 31st March 2013

**Annexure No. 7.12**

**LENGTH OF ROADS UNDER SUGARCANE AUTHORITY BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2015 (STATE/UT-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Karnataka	325	0	0	0	325
Tamil Nadu	1,685	1,685	0	1,685	0
Uttarakhand	18	18	2	16	0
Uttar Pradesh *	12,022	8,564	0	8,564	3,458
Puducherry	34	26	5	21	8
<b>ALL INDIA</b>	<b>14,084</b>	<b>10,293</b>	<b>7</b>	<b>10,286</b>	<b>3,791</b>

Source : State Sugarcane Departments

\*: As on 31st March 2013

**Annexure No. 7.13**

**LENGTH OF ROADS UNDER COAL MINES DEPARTMENT BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2014 (STATE-WISE)**

**(in kms)**

<b>States/UTs</b>	<b>Total (A+B)</b>	<b>Surfaced</b>			<b>Unsurfaced</b>
		<b>Total (A)</b>	<b>W.B.M.</b>	<b>B.T./C.C</b>	<b>Total (B)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
Andhra Pradesh	851	846	82	764	5
Assam	51	44	2	42	7
Bihar*	0	0	0	0	0
Jharkhand	1,251	1,175	151	1,024	76
Madhya Pradesh	194	194	12	182	0
Maharashtra	484	446	154	292	38
West Bengal	262	262	21	241	0
<b>ALL INDIA</b>	<b>3,093</b>	<b>2,967</b>	<b>422</b>	<b>2,545</b>	<b>126</b>

Source : Coal Departments of State Governments

Note:- Figures for Singareni Collirues Company Ltd., North Eastern Coal Fields, and Central Coal Field Ltd. are as on 31.03.2014, Eastern Coal Fields as on 31.03.2012 and Bhart coking Coal Ltd. As on 31.03.2008

**Annexure No. 7.14**

**LENGTH OF ROADS UNDER COAL MINES DEPARTMENT BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2015 (STATE-WISE)**

**(in kms)**

<b>States/UTs</b>	<b>Total (A+B)</b>	<b>Surfaced</b>			<b>Unsurfaced</b>
		<b>Total (A)</b>	<b>W.B.M.</b>	<b>B.T./C.C</b>	<b>Total (B)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
Andhra Pradesh	851	848	68	780	3
Assam	51	44	2	42	7
Jharkhand	1,251	1,175	151	1,024	76
Madhya Pradesh	202	202	12	190	0
Maharashtra	503	465	163	302	38
West Bengal	262	262	21	241	0
<b>ALL INDIA</b>	<b>3,120</b>	<b>2,996</b>	<b>417</b>	<b>2,579</b>	<b>124</b>

Source : Coal Departments of State Governments

Figure for Western Coalfields is as 31st March 2013, Eastern Coalfields is as on 31st March 2012 and figure for Bhart cooking Coal Ltd is as on 31st March 2008.

**Annexure No. 7.15**

**LENGTH OF ROADS UNDER SAIL & NMDC BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2014 (STATE-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	8	7	1	6	1
Chhattisgarh	700	670	10	660	30
Jharkhand	560	506	24	482	54
Karnataka	139	128	14	114	11
Madhya Pradesh	42	26	12	14	16
Maharashtra	13	6	0	6	7
Odisha	547	505	12	493	42
Tamil Nadu	86	86	0	86	0
West Bengal	614	601	33	568	13
<b>ALL INDIA</b>	<b>2,709</b>	<b>2,535</b>	<b>106</b>	<b>2,429</b>	<b>174</b>

Sources: 1. Steel Authority of India Limited

2. National Mineral Development Corporation

**Annexure No. 7.16**

**LENGTH OF ROADS UNDER SAIL & NMDC BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2015 (STATE-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Andhra Pradesh	8	7	1	6	1
Chhattisgarh	700	670	10	660	30
Jharkhand	560	506	24	482	54
Karnataka	139	128	14	114	11
Madhya Pradesh	43	27	13	14	16
Maharashtra	13	6	0	6	7
Odisha	564	514	12	502	50
Tamil Nadu	86	86	0	86	0
West Bengal	626	613	40	573	13
<b>ALL INDIA</b>	<b>2,739</b>	<b>2,557</b>	<b>114</b>	<b>2,443</b>	<b>182</b>

Sources: 1. Steel Authority of India Limited

2. National Mineral Development Corporation

**Annexure No. 7.17**

**LENGTH OF ROADS UNDER BORDER ROADS ORGANISATION BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2014 (STATE/UT-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
	2	3	4	5	6
Arunachal Pradesh	1851	1478	53	1425	373
Assam	385	385	3	382	0
Jammu & Kashmir	665	617	30	587	48
Manipur	976	972	22	950	4
Mizoram	213	204	53	151	9
Nagaland	243	243	0	243	0
Sikkim	92	92	0	92	0
Tripura	58	58	36	22	0
Uttarakhand	792	792	0	792	0
West Bengal	70	70	0	70	0
<b>ALL INDIA</b>	<b>5,345</b>	<b>4,911</b>	<b>197</b>	<b>4,714</b>	<b>434</b>

Source : Border Roads Organisation

**Annexure No. 7.18**

**LENGTH OF ROADS UNDER BORDER ROADS ORGANISATION BY TYPE OF SURFACE IN INDIA  
AS ON 31st MARCH 2015 (STATE/UT-WISE)**

(in kms)

States/UTs	Total (A+B)	Surfaced			Unsurfaced
		Total (A)	W.B.M.	B.T./C.C	Total (B)
1	2	3	4	5	6
Arunachal Pradesh	1,807	1,450	68	1,382	357
Assam	248	248	3	245	0
Gujarat	0	0	0	0	0
Himachal Pradesh	0	0	0	0	0
Jammu & Kashmir	366	366	6	360	0
Manipur	976	972	15	957	4
Mizoram	206	195	43	152	11
Nagaland	477	477	0	477	0
Punjab	0	0	0	0	0
Rajasthan	0	0	0	0	0
Sikkim	92	92	0	92	0
Tripura	59	59	37	22	0
Uttarakhand	792	792	0	792	0
West Bengal	70	70	0	70	0
Andaman & Nicobar Islands	0	0	0	0	0
<b>ALL INDIA</b>	<b>5,093</b>	<b>4,721</b>	<b>172</b>	<b>4,549</b>	<b>372</b>

Source : Border Roads Organisation



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**ANNEXURE**

**MISCELLANEOUS**

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## Annexure No. 8.1

### Central Road Sector Outlay and Expenditure-At Current Price for 12th Plan

(Amount in Rs. Crore)

Sl. No.		12 <sup>th</sup> Plan (2012-17)	2013-14		2014-15		2015-16	
			Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure
1.	External Assistance							
	(a) Externally Aided (RW)		24.75	0.00	175.00	138.93	250.00	216.42
	(b) Counterpart Fund (RW)		24.75	0.00	101.00	101.00	550.00	547.00
	EAP Ministry (a+b)		49.50	0.00	276.00	239.93	800.00	763.42
	<b>Total EAP</b>	<b>10,325.00</b>	<b>49.50</b>	<b>0.00</b>	<b>276.00</b>	<b>239.93</b>	<b>800.00</b>	<b>763.42</b>
2.	<b>NH (O)</b>	29,085.00	4,517.57	4,499.79	4,881.59	4,835.99	6,491.06	6,337.28
3.	Works under BRDB	3,000.00	374.00	355.94	0.00	0.00	0.00	0.00
4.	Other Charges & IT	40.00	4.82	4.05	7.00	3.71	6.50	5.41
5.	Strategic Roads under BRDB	500.00	60.00	58.31	0.00	0.00	0.00	0.00
6.	R&D and Training	100.00	0.40	0.18	7.00	4.65	68.20	41.56
7.	Charged Expd.	30.00	6.00	5.15	6.00	4.93	10.00	6.92
8.	NHAI (Investment) (Cess)	30,196.00	6,857.45	6,857.45	9,565.81	9,565.42	21,020.09	21,017.77
9.	Remittance of toll receipts (NHDP + non-NHDP)	27,200.00	4,770.00	4,770.00	5,448.00	5,448.00	6,500.00	6,500.00
10.	NHAI (ABS for J&K package, etc.)	8,342.00						
11(a)	E&I for States from CRF	1,455.00	243.86	236.68	238.79	93.11	354.35	267.08
11 (b)	E&I for UTs from CRF		18.36	0.00	1.00	0.00	1.00	0.00
12.	Rail Cum Road Bridge at Ganga, Munger (Bihar)	567.00						
13.	Improvement of Duburi-Brahmanipal-Harichandanpur-Naranpur State Road in Odisha (POSCO)	20.00						
	<b>Special Packages</b>							
14.	SARDP-NE	25,400.00	2,994.00	3,009.27	3,000.00	2,490.11	4,900.00	4,812.51
15.	LWE (including TSP)	5,409.00	910.00	897.00	1,024.00	1,014.59	921.00	836.86
16.	Development of Vijayawada-Ranchi Road	1,100.00	125.00	124.02	150.00	150.00	200.00	159.25
	<b>Total (BS)</b>	<b>1,42,769.00</b>	<b>20,923.96</b>	<b>20,817.84</b>	<b>24,605.19</b>	<b>23,850.44</b>	<b>41,272.20</b>	<b>40,748.06</b>
17.	IEBR / Borrowings by NHAI	64,834.00	8,000.00	7,942.13	7,611.11	3,343.40	42,694.50	23,281.00
	<b>Grand Total</b>	<b>2,07,603.00</b>	<b>30,890.00</b>	<b>28,759.97</b>	<b>32,216.30</b>	<b>27,193.84</b>	<b>83,966.70</b>	<b>64,029.06</b>

## Annexure No. 8.2

**The State/UT-wise details of funds allocated/utilized for development of NHs**

(Amount in Rs. Crore)

Sl. No.	State/UT	Allocation			Expenditure		
		2013-14	2014-15	2015-16	2013-14	2014-15	2015-16
1	Andhra Pradesh	188.04	3,776.03	350.00	187.62	129.72	311.01
2	Arunachal Pradesh	1.09		2.40	1.09	0.50	1.83
3	Assam	205.10		79.79	199.41	141.76	78.09
4	Bihar	304.57		481.29	271.33	276.65	481.18
5	Chandigarh	0.92		1.00	0.92	4.95	0.00
6	Chhattisgarh	43.35		63.69	25.29	62.17	41.49
7	Delhi	3.67		1.00	3.67	0.05	0.00
8	Goa	20.66		120.00	20.66	17.72	119.98
9	Gujarat	146.54		227.15	140.91	206.96	225.77
10	Haryana	53.51		90.00	53.51	60.48	89.86
11	Himachal Pradesh	100.44		140.00	99.74	134.57	139.95
12	Jammu & Kashmir	0.00		25.00	0.00	0.00	22.86
13	Jharkhand	70.32		35.00	70.32	63.83	38.08
14	Karnataka	165.85		277.84	164.55	199.90	283.56
15	Kerala	272.73		133.24	258.84	67.18	137.65
16	Madhya Pradesh	155.01		360.11	150.67	208.50	351.67
17	Maharashtra	177.23		115.95	177.01	137.64	110.72
18	Manipur	54.72		40.00	54.39	32.60	40.00
19	Meghalaya	35.70		15.00	33.61	43.30	15.00
20	Mizoram	22.11		35.00	20.57	39.53	28.50
21	Nagaland	44.65		50.00	44.65	46.20	46.27
22	Odisha	233.22		280.00	231.51	291.65	280.80
23	Puducherry	10.00		20.00	10.00	12.73	18.10
24	Punjab	113.78		200.00	113.24	256.66	203.06
25	Rajasthan	215.50		572.18	213.85	107.16	571.79
26	Tamil Nadu	210.24		336.66	210.24	167.13	336.47
27	Telangana	0.00		130.00	0.00	133.79	126.10
28	Tripura	0.00		5.00	0.00	0.00	0.00
29	Uttar Pradesh	289.54		569.27	284.35	247.37	566.67
30	Uttarakhand	87.84		246.07	85.90	169.51	245.69
31	West Bengal	134.10		650.00	134.10	283.61	653.05
32	Andaman & Nicobar Islands	9.53		2.00	9.53	14.61	1.59
33	National Highways Authority of India (NHAI)*	12,572.29	15,613.81	27,520.09	12,572.27	15,613.42	27,517.77
34	Border Roads Organization (BRO)*	434.00	292.00	0.00	414.25	268.79	0.00
35	Special Accelerated Road Development Programme for North-East Region (SARDP-NE) including Arunachal Package*	2,994.00	3,000.00	4,900.00	3,009.27	2,843.33	4,812.51
36	Special Programme for development of Roads In Left Wing Extremism affected Area (LWE)*	910.00	1,024.00	921.00	897.00	1,014.59	836.86
37	Development of Vijayawada-Ranchi Road	125.00		200.00	124.02		159.25
38	EAP	42.50	451.00	800.00	0.00	251.14	763.42
39	Miscellaneous* (NHAI additional budgetary support, VOA allocation for VGF, VGF(O&M) Support, IAHE, NHAI for Electronic Toll Collection System etc)	213.99	208.56	921.12	292.87	207.63	824.38
	<b>Total</b>	<b>20,661.74</b>	<b>24,365.40</b>	<b>40,916.85</b>	<b>20,581.16</b>	<b>23,757.33</b>	<b>40,480.98</b>
39	IEBR / Borrowings by NHAI	8,000.00	7,611.11	42,694.50	7,942.13	3,343.40	23,281.00

\*- State/UT wise allocations are not made.

## Annexure No. 8.3

**LIST OF STATE-WISE NATIONAL HIGHWAYS IN THE COUNTRY AS ON 31.03.2014**

<b>Sl. No.</b>	<b>Name of State</b>	<b>National Highway No.</b>	<b>Total Length (in km)</b>
1	Andhra Pradesh	4, 5, 7, 9, 16, 18, 18A, 42 New, 43, 63, 67Ext. New, 150 New, 167 New, 202, 205, 214, 214A, 219, 221, 222, 234, 326, 67 New, 71 New, 161 New, 340 New, 363 New, 365 New, 565 New, 765 New	<b>6590.00</b>
2	Arunachal Pradesh	52, 52A, 153, 229, 52B Ext, 37 Ext. & 315A	<b>2027.00</b>
3	Assam	6 New, 31, 31B, 31C, 36, 37, 37A, 38, 39, 44, 51, 52, 52A, 52B, 53, 54, 61, 62, 117A New, 127B New, 127E New, 151, 152, 153, 154, 315A New, 127C New & 127D New, 329 New, 427 New, 627 New, 702 New & 715A New	<b>3634.00</b>
4	Bihar	2, 2C, 19, 28, 28A, 28B, 30, 30A, 31, 57, 57A, 77, 80, 81, 82, 83, 84, 85, 98, 99, 101, 102, 103, 104, 105, 106, 107, 110, 122A New, 131A New, 133 New, 219 New, 327A New, 327 Ext. New, 333 New, 333A New, 527A New & 527C New	<b>4467.00</b>
5	Chandigarh	21	<b>24.00</b>
6	Chhattisgarh	6, 12A, 16, 43, 78, 111, 130A New, 130B New, 130C New, 130D New, 149B New, 163A New, 200, 202, 216, 217, 221, 343 New, 930New	<b>3031.00</b>
7	Delhi	1, 2, 8, 10, 24 & 236	<b>80.00</b>
8	Goa	4A, 17, 17A & 17B	<b>269.00</b>
9	Gujarat	NE-I, 6, 8, 8A, 8B, 8C, 8D, 8E, 14, 15, 56, 58 New, 59, 113 228, 251 New, 753B New, 848 & 848A New, 848B New	<b>4694.00</b>
10	Haryana	1, 2, 8, 10, 11 New, 21A, 22, 54 New, 64, 65, 71, 71A, 72, 73, 73A, 71B, 236, 248 A New, 334B New, 703 New, 709 Ext New. & NE-II	<b>2050.00</b>
11	Himachal Pradesh	1A, 3 New, 20, 20A, 21, 21A, 22, 70, 72, 72B, 88, 73A, 154A New, 305 New, 503 New, 503 Ext. New & 505 New	<b>2196.00</b>
12	Jammu & Kashmir	1A, 1B, 1C, 1D, 3 New, 144 New, 144A New, 301 New, 444 New, 501 New & 701 New	<b>2319.00</b>
13	Jharkhand	2, 6, 23, 31, 32, 33, 43 New, 75, 78, 80, 98, 99, 100, 114A New, 133 New, 133A New, 143 New, 143A New, 220 New, 333 New, 333A New, 343 New & 419 New	<b>2968.00</b>
14	Karnataka	4, 4A, 7, 9, 13, 17, 48, 50 New, 63, 67, 67New, 150, 150 Ext. New, 150A New, 167 New, 169A New, 173 New, 206, 207, 209, 212, 218, 234, 275 New & 367 New	<b>6177.00</b>
15	Kerala	17, 47, 47A, 47C, 49, 183A New, 185 New, 208, 212, 213, & 220	<b>1700.00</b>
16	Madhya Pradesh	3, 7, 12, 12A, 25, 26, 26A, 26B, 27, 43 New, 56 New, 59, 59A, 69, 69A, 75, 76, 78, 86, 92 & 927A New	<b>5116.00</b>
17	Maharashtra	3, 4, 4C, 6, 7, 8, 9, 13, 16, 17, 26B, 50, 69, 150 Ext. New, 161 New, 204, 211, 222, 348 New, 848 New, 160 New, 166 New, 166A New, 348 New, 361 New, 363 New, 753 New, 753A New, 753B New, 848A & 930 New	<b>6249.20</b>
18	Manipur	39, 53, 102A New, 102B New, 129A new, 108A New, 129 New, 137 New, 150, 155, 702A New	<b>1452.00</b>
19	Meghalaya	40, 44, 51, 62 & 127B New	<b>1171.00</b>
20	Mizoram	6 New, 44A, 54, 54A, 54B, 150, 154, 302 New & 502A New	<b>1222.00</b>
21	Nagaland	36, 39, 61, 129 New, 129A, 150, 155, 702 New & 702A New	<b>741.00</b>
22	Odisha	5, 5A, 6, 23, 42, 43, 60, 75, 130C New, 153B New, 157 New, 200, 201, 203, 203A, 215, 217, 220 New, 224, 326 New & 326 A New	<b>4550.00</b>
23	Puducherry	45A & 66	<b>53.26</b>

24	Punjab	1, 1A, 10, 15, 20, 21, 22, 64, 70, 71, 72, 95, 103 A New, 503 Ext. New , 703 New 703A New & 754 New	<b>1699.00</b>
25	Rajasthan	3, <b>3A New</b> , 8, 11, 11A, 11B, 11C, 12, 14, 15, 25 Ext. New, 54 New, 65, <b>65A New</b> , 71B, 76, <b>76A New, 76B New</b> , 79, 79A New, 89, 90, 113, 112, 114 , 116, 116A New, 158 New, 162A New, 162 Ext. New, 248A New, 325 New, 709 Ext. New & 927A New	<b>7646.00</b>
26	Sikkim	31A, 310, 310A New, 510 New, 710 New	<b>149.00</b>
27	Tamil Nadu	4, 5, 7, 7A, 45, 45A, 45B, 45C, 46, 47, 47B, 49, 66, 67, 68, 205, 207, 208, 209, 210, 219, 220, 226, 226Ext., 227, 230, 234, 381 New, & 532 New	<b>4975.00</b>
28	Tripura	44 , 44A & 208 New	<b>509.00</b>
29	Uttarakhand	58, 72, 72A, 72B,73, 74, 87, 87 Ext., 94, 107 New, 108, 109, 123, 119, 121 , 125& 309A New	<b>2282.00</b>
30	Uttar Pradesh	2, 2A, 3, 3A New, 7, 11, 12A, 19, 24, 24A, 24B, 25, 25A, 26, 27, 28, 28B, 28C, 29, 56, 56A, 56B, 58, 72A, 73, 74, 75, 76, 86, 87, 91, 91A, 92, 93 ,96, 97 , 119, 219 New, 231, 232, 232A, 233, 235, 330, 330A New, 334B New, 730 New, 730A New, 931 New, 931A New & NE-II	<b>7986.00</b>
31	West Bengal	2, 2B, 6, 10, 31, 31A, 31C, 31D, 32, 34, 35, 41, 55, 60, 60A, 80, 81, 114A New, 116B New, 117, 131A, 133A New, 317A, 327B, 512 New & 717.	<b>2908.00</b>
32	Andaman & Nicobar Island	223	<b>300.00</b>
33	Dadra Nagar Haveli	848A New	<b>31.00</b>
34	Daman & Diu	848B New & 251 New	<b>22.00</b>
		<b>Total</b>	<b>91287.46</b>

## Annexure No. 8.4

**LIST OF STATE-WISE NATIONAL HIGHWAYS IN THE COUNTRY AS ON 31.03.2015**

<b>Sl. No.</b>	<b>Name of State</b>	<b>National Highway No.</b>	<b>Total Length (in km)</b>
1	Andhra Pradesh	4, 5, 7, 9, 16, 18, 18A, 42 New, 43, 63, 67Ext. New, 150 New, 167 New, 202, 205, 214, 214A, 216, 219, 221, 222, 234, 326, 326A, 67 New, 71 New, 161 New, 340 New, 363 New, 365 New, 565 New, 765 New	<b>4669.74</b>
2	Arunachal Pradesh	52, 52A, 153, 229, 52B Ext, 37 Ext., 315A, 713 New, 513 New, 313 New, 113 New & 713A New	<b>2513.05</b>
3	Assam	6 New, 31, 31B, 31C, 36, 37, 37A, 37E, 38, 39, 44, 51, 52, 52A, 52B, 53, 54, 61, 62, 117A New, 127B New, 127E New, 151, 152, 153, 154, 315A New, 127C New & 127D New, 329 New, 427 New, 627 New, 702 New, 702B New, 702C New & 715A New	<b>3783.68</b>
4	Bihar	2, 2C, 19, 28, 28A, 28B, 30, 30A, 31, 57, 57A, 77, 80, 81, 82, 83, 84, 85, 98, 99, 101, 102, 103, 104, 105, 106, 107, 110, 122A New, 131A New, 133 New, 133B New, 219 New, 227 A New, 327A New, 327 Ext. New, 333 New, 333A New, 333B New, 527A New, 527C New, 727 A New & 766C	<b>4700.79</b>
5	Chandigarh	21	<b>15.28</b>
6	Chhattisgarh	6, 12A, 16, 43, 78, 111, 130A New, 130B New, 130C New, 130D New, 149B New, 163A New, 200, 202, 216, 217, 221, 343 New, 930New	<b>3078.40</b>
7	Delhi	1, 2, 8, 10, 24 & 236	<b>80.00</b>
8	Goa	4A, 17, 17A & 17B	<b>262.00</b>
9	Gujarat	NE-I, 6, 8, 8A, 8B, 8D, 8E, 14, 15, 56, 58 New, 59, 113 228, 251 New, 753B New, 848 & 848A New, 848B New, 341 New, 68Ext. New, 147A New, 168 New, 168A New, 351 New, 927D New & 953 New	<b>4970.87</b>
10	Haryana	1, 2, 8, 10, 11 New, 21A, 22, 54 New, 64, 65, 71, 71A, 72, 73, 73A, 71B, 236, 248 A New, 334B New, 352A, 703 New, 709 Ext New, 709A New & NE-II	<b>2307.48</b>
11	Himachal Pradesh	1A, 3 New, 20, 20A, 21, 21A, 22, 70, 72, 72B, 88, 73A, 154A New, 305 New, 503 New, 503 Ext. New & 505 New	<b>2466.48</b>
12	Jammu & Kashmir	1A, 1B, 1C, 1D, 3 New, 144 New, 144A New, 301 New, 444 New, 501 New & 701 New	<b>2593.00</b>
13	Jharkhand	2, 6, 23, 31, 32, 33, 43 New, 75, 78, 80, 98, 99, 100, 114A New, 133 New, 133A New, 143 New, 143A New, 220 New, 333 New, 333A New, 343 New & 419 New	<b>2631.64</b>
14	Karnataka	4, 4A, 7, 9, 13, 17, 48, 50 New, 63, 67, 67New, 150, 150 Ext. New, 150A New, 167 New, 169A New, 173 New, 206, 207, 209, 212, 218, 234, 275 New, 367 New, 766C	<b>6432.29</b>
15	Kerala	17, 47, 47A, 47C, 49, 183A New, 185 New, 208, 212, 213, & 220	<b>1811.52</b>
16	Madhya Pradesh	3, 7, 12, 12A, 25, 26, 26A, 26B, 27, 43 New, 56 New, 59, 59A, 69, 69A, 75, 76, 78, 86, 92 & 927A New	<b>5184.57</b>
17	Maharashtra	3, 4, 4C, 6, 7, 8, 9, 13, 16, 17, 26B, 50, 69, 150 Ext. New, 161 New, 204, 211, 222, 348 New, 848 New, 160 New, 166 New, 166A New, 348 New, 348A New, 353C New, 353D New, 353E New, 361 New, 363 New, 547E New, 548 New, 753 New, 753A New, 753B New, 848A, 930 New & 953 New	<b>7047.79</b>
18	Manipur	39, 53, 102 New, 102A New, 102B New, 102 C New, 129A new, 108A New, 129 New, 137 New, 137A New, 150, 155, 702A New	<b>1745.74</b>
19	Meghalaya	40, 44, 51, 62 & 127B New	<b>1204.36</b>
20	Mizoram	6 New, 44A, 54, 54A, 54B, 102B New, 150, 154, 302 New, 306 A New & 502A New	<b>1381.00</b>

21	Nagaland	36, 39, 61, 129 New, 129A, 150, 155, 702 New, 702A New & 702B New	<b>1080.09</b>
22	Odisha	5, 5A, 6, 23, 42, 43, 60, 75, 130C New, 153B New, 157 New, 200, 201, 203, 203A, 215, 217, 220 New, 224, 326 New & 326 A New	<b>4644.52</b>
23	Puducherry	45A & 66	<b>64.03</b>
24	Punjab	1, 1A, 10, 15, 20, 21, 22, 64, 70, 71, 72, 95, 103 A New, 154A, 344A New, 503 Ext. New, 703 New 703A New & 754 New	<b>2239.15</b>
25	Rajasthan	3, 3A New, 8, 11, 11A, 11B, 11C, 12, 14, 15, 25 Ext. New, 54 New, 65, 65A New, 71B, 76, 76A New, 76B New, 79, 79A New, 89, 90, 113, 112, 114, 116, 116A New, 158 New, 162A New, 162 Ext. New, 168 New, 168A New, 248A New, 325 New, 709 Ext. New & 927A New	<b>7886.20</b>
26	Sikkim	31A, 310, 310A New, 510 New, 710 New	<b>309.00</b>
27	Tamil Nadu	4, 5, 7, 7A, 45, 45A, 45B, 45C, 46, 47, 47B, 49, 66, 67, 68, 205, 207, 208, 209, 210, 219, 220, 226, 226Ext., 227, 230, 234, 381 New, & 532 New	<b>5006.14</b>
28	Tripura	44, 44A, 108A & 208 New	<b>577.00</b>
29	Telangana	7, 9, 16 202, 221, 222, 326 New, 167 New, 150 New, 363 New, 365 New, 565 New, 161, 765 New, 50 New, 563 New & 365A New	<b>2686.84</b>
29	Uttarakhand	58, 72, 72A, 72B, 73, 74, 87, 87 Ext., 94, 107 New, 107A New, 108, 109, 123, 119, 121, 125 & 309A New, 334A	<b>2841.92</b>
30	Uttar Pradesh	2, 2A, 3, 3A New, 7, 11, 12A, 19, 24, 24A, 24B, 25, 25A, 26, 27, 28, 28B, 28C, 29, 56, 56A, 56B, 58, 72A, 73, 74, 75, 76, 86, 87, 91, 91A, 92, 93, 96, 97, 119, 219 New, 227 A New, 231, 232, 232A, 233, 235, 330, 330A New, 330 B New, 334B New, 709 A, 727 A New, 730 New, 730A New, 731 A New, 931 New, 931A New & NE-II	<b>8483.00</b>
31	West Bengal	2, 2B, 6, 10, 31, 31A, 31C, 31D, 32, 34, 35, 41, 55, 60, 60A, 80, 81, 114A New, 116B New, 117, 131A, 133A New, 317A, 327B, 419 New, 512 New & 717.	<b>2909.80</b>
32	Andaman & Nicobar Island	223	<b>330.70</b>
33	Dadra Nagar Haveli	848A New	<b>31.00</b>
34	Daman & Diu	848B New & 251 New	<b>22.00</b>
		<b>Total</b>	<b>97991.07</b>

## Annexure No. 8.5

### TERMS AND DEFINITIONS

Sl. No.	Terms	Definitions
<b>A. ROADS</b>		
1.	Track	A path on the land much trodden by persons and animals.
2.	Cart Track	A land way for use by carts.
3.	Road	A way on land with a right of way for the public.
4.	Urban Road	A road within the limits of the area of Municipality, Military Cantonment, Port or Railway Authority.
5.	Project Road	A road within the limits of the area of a development project of a public authority for the exploitation of resources such as forest, irrigation, electricity, coal, sugarcane, steel, etc.
<b>B. HIGHWAY CLASSES BY FUNCTION</b>		
1.	Expressways	Expressways offer superior highway facility with higher specifications. It provides for more lanes, better surface, divided carriageway, controlled access grade separations at cross-roads and fencing etc. Expressways permits only fast moving vehicles and are meant to carry through traffic. The Expressway may be owned by the Central Government or State Government depending upon whether the route is a National Highway or a State Road.
2.	National Highways	The arterial roads of the country for inter-state movements of goods and passengers. They traverse the length and width of the country connecting the National and State capitals, major ports and rail junctions and link up with border roads and foreign highways.
3.	State Highways	The arterial roads in a State for inter-district movements. They traverse the length and width of a state connecting the state capital, district headquarters and important towns and cities and link up with the National Highways and adjacent State Highways.
4.	District Roads	The branch roads of the State and National Highways to serve as the main roads for intra-district movements. They traverse the length and breadth of a district to connect the area of production and marketing in the district to one another and to the National Highways.
5.	Village Roads	These roads serve as the feeder roads as well as the roads for inter village movements. They pass through rural areas connecting the village to one another and to the nearest road of higher category viz. District Roads, State Highways, National Highways, etc.



<b>C. HIGHWAY CLASSES BY WIDTH</b>		
1.	Below Standard Single Lane(BSSL)	Surfaced roads having clear carriageway width of below 3.75 M.
2.	Standard Single Lane(SSL)	Surfaced roads having clear carriageway width between 3.75 M and below 7.0 M.
3.	Standard Double Lane (SDL)	Surfaced roads having clear carriageway width between 7.0 M and below 10.5 M.
4.	Standard Multi Lane (SML)	Surfaced roads having clear carriageway width of 10.5 M and above.
<b>D. ROAD SURFACE</b>		
1.	Bitumen or Tar Macadam	A type of construction in which the fragments of coarse aggregate are bound together by bitumen applied either premix or grouting method.
2.	Bitumen Concrete Surfacing	A type of construction in which coarse and fine mineral aggregates are mixed with bitumen and laid not to the desired thickness.
3.	Black Top Surface	The surface of roads made with bitumen as a binder.
4.	Brick Paving	A paving composed of bricks laid in regular courses.
5.	Cement Bound Macadam	A surface in which a matrix of a cement sand mixture is interposed between two layers of road metal spread on the road and the whole mass watered and consolidated so that the matter works into the interstices of the road metal to produce a compact mass.
6.	Cement Concrete	A surface obtained by placing and consolidating cement concrete to required thickness.
7.	Earth Road	A road with the carriageway composed of natural soil.
8.	Gravel Road	A road with the carriageway composed of a consolidated layer of gravel.
9.	Water Bound Macadam	A type of surfacing in which stone fragments are first inter locked by rolling and then bound with smaller stone gravel etc. which enforced into the intersection by brimming, watering and rolling.
10.	Motorable	(i) For Plain Areas: Surfaced or unsurfaced road of minimum 3.0 M Carriageway width is motorable. (ii) For Hilly Areas: Surfaced or unsurfaced road of minimum 3.0 M Carriageway width having no horizontal curve of radii less than 14 M and grade not steeper than 7% is motorable. A bridle path is non motorable.