

## **CHAPTER - 10**

### **TRANSPORT & COMMUNICATION**

10.1 Road infrastructure provides a fundamental foundation to the performance of all national economies, delivering a wide range of economic and social benefits. Adequately maintaining road infrastructure is essential to preserve and enhance those benefits. Reducing the distance between people, markets, services and knowledge or simply 'getting people connected' is a great part of what economic growth is all about. Although virtual connectivity has become increasingly important today with the emergence of new communication avenues, a good and reliable transport network remains vital. There is a very strong positive correlation between a country's economic development and the quality of its road network.

10.2 Roads carry larger share of traffic. Road is a harbinger of all development. Rajasthan is one of the few states in India, which is far below the national average in respect of road density. As against the national average of 159 Km per 100 sq. Km (as on 31.03.2013), in the state it is 60.88 km. (as on 31.03.2015). Out of 2,08,342 Km road length three fourth is village roads and about 11 per cent village habitations are not connected by all weather roads. Road development is needed to plan a better and improved road network transport system to accelerate economic development.

10.3 While significant advances have been made in improving the State road network in recent years yet there are huge gaps which need to be considered in current plan period. The Twelfth Five Year Plan approach emphasizes development of a good road infrastructure and good quality road network in the State. Keeping in view of this objective, the State Government is committed and endeavors to implement the following in coming years:

- Build East-West Mega Highways just as North-South Mega Highway was built.
- Widening, strengthening and renovation of all highways and district roads.
- Gramin Gaurav Path Yojana has been launched at every Panchayat headquarters to construct 0.5 to 2 Km cement concrete road including drains for uplifting economic and social level in rural areas.
- Construction of missing links to minimize rural area connectivity.
- All the damaged roads to be repaired on priority basis.
- Extension of road facilities to the places of religious and tourist importance.
- All inter-state connectivity with neighboring State would be developed with good riding comfort.

- Construction of fly-over, road over-bridges and under-passes on BOT basis on the railway crossings on all NH, SH and district roads.
- Focus on road safety

10.4 A provision of ₹ 1040822.38 lakh was kept in the Twelfth Plan for all agencies related to transport sector. An expenditure of ₹ 390923.35 lakh has been incurred on transport sector in the year 2015-16 against an outlay of ₹ 577816.68 lakh. An outlay of ₹ 632714.34 lakh is kept for the Annual Plan 2016-17, this includes Central Assistance of ₹ 79733.87 lakh and concessionaire contribution of PPP project of ₹ 39915.00 lakh. Scheme-wise details are given in the following table:

**Table No. 10.1**  
**Financial Outlays for Transport Sector**

S. No.	Department	Outlay Twelfth Plan	Outlay 2015-16	₹ in lakh	
				Exp. in 2015-16	Outlay 2016-17
1	Public Works Department	890717.38	387264.02	328893.73	503979.02
2	Rajasthan State Road Transport Corporation IBER	47870.00	0.00	0.00	0.00
3	Rajasthan State Road Dev. & Construction Corporation	100000.00	50077.00	33976.00	40000.00
4	Transport Department	2235.00	47094.66	19820.62	47572.76
5	JDA- Ring Road Project under PPP	0.00	20000.00	8233.00	20000.00
6	PWD-Road Project under PPP	0.00	73381.00	0.00	19915.00
7.	Directorate of Civil Aviation	0.00	0.00	0.00	1247.56
	<b>Total</b>	<b>1040822.38</b>	<b>577816.68</b>	<b>390923.35</b>	<b>632714.34</b>

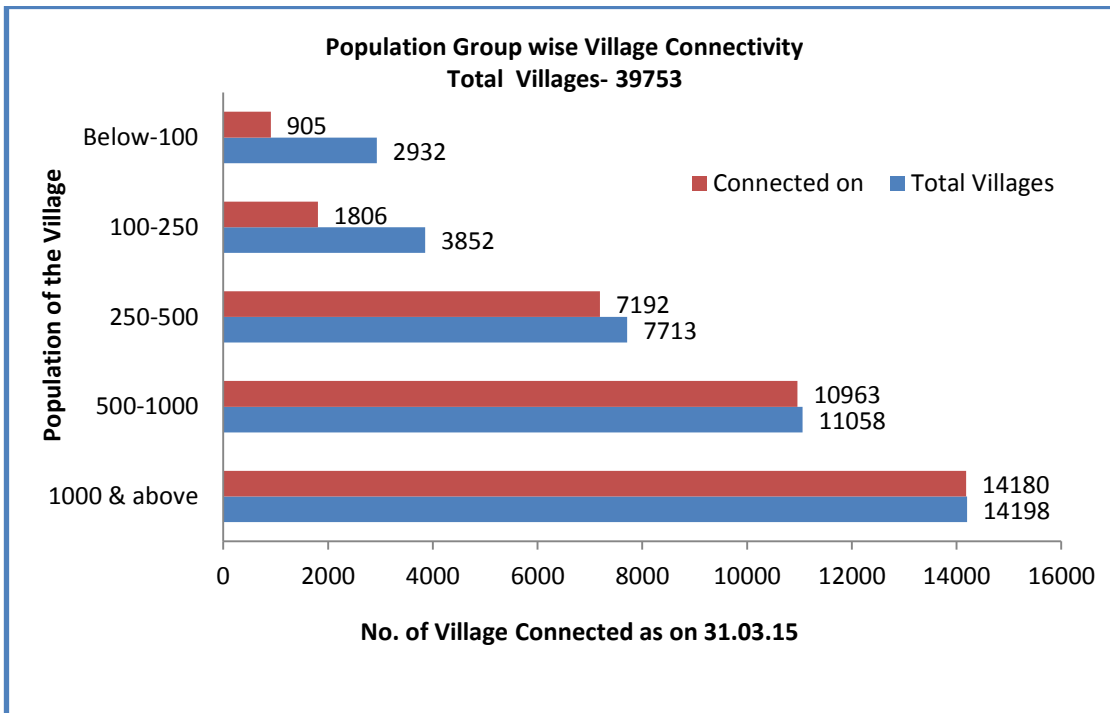
### **Public Works Department**

10.5 Rajasthan is the largest State of the country having an area of 3.42 lakh sq. Km. According to the census 2011, the population of the State is 6.85 crore. About 75 per cent of the population lives in rural areas. The road density in the State is only 60.88 Km (as on 31.03.2015), in comparison to national average of 159 Km per 100 sq. Km (as on 31.03.2013). Huge efforts are needed to increase total road network in the State. The total road network in the State as on 31.03.2015 was 2,08,342 Km, out of this three fourth is village roads. About 11 per cent habitations are still not connected by all weather roads. Per capita development cost in the State is very high due to widely dispersed population.

10.6 The population group-wise connectivity of villages as per population (census 2001) as on 31.03.2015 in the State is as follows:

**Table No. 10.2  
Village Connectivity**

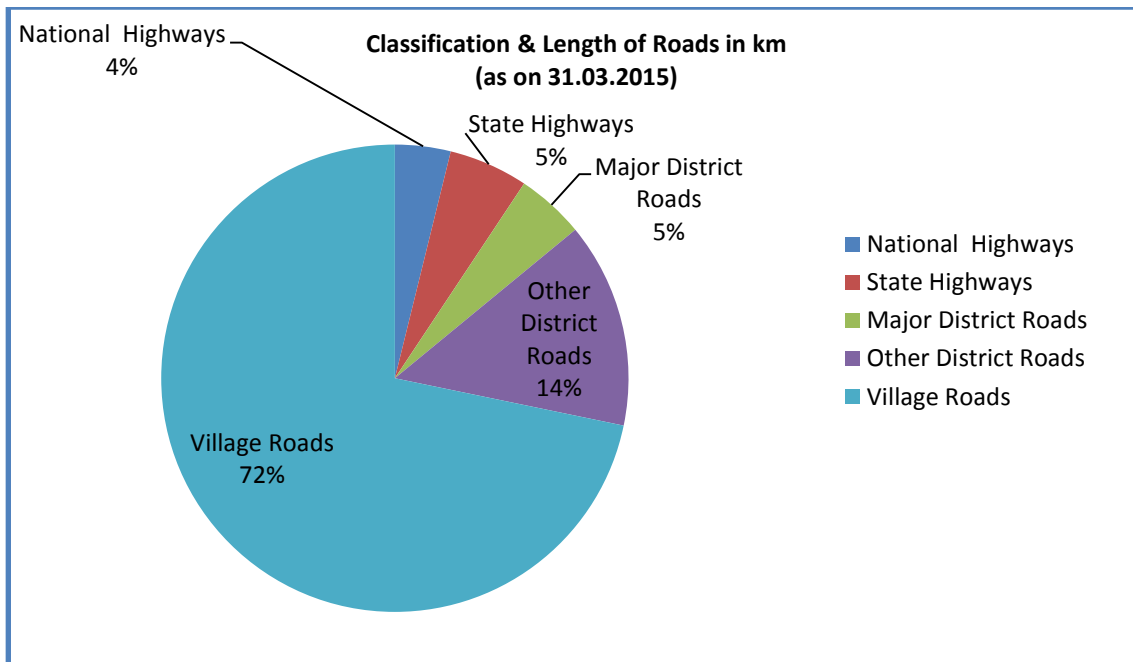
S.No.	Population Group	Total Villages	Connected on 31.03.15
1	1000 & above	14198	14180
2	500-1000	11058	10963
3	250-500	7713	7192
4	100-250	3852	1806
5	Below-100	2932	905
	<b>Total</b>	<b>39753</b>	<b>35046</b>



10.7 Total road network in the State is as under:-

**Table No. 10.3  
Classification of Roads as on 31.03.2015**

S.No.	Classification	Length in Km				
		BT	MR	GR	FW	Total
1.	National Highways	7987	0	0	29	8016
2.	State Highways	11367	4	5	46	11422
3.	Major District Roads	9698	1	53	63	9815
4.	Other District Roads	27628	923	959	93	29603
5.	Village Roads	109515	1022	35986	2963	149486
	<b>TOTAL</b>	<b>166195</b>	<b>1950</b>	<b>37003</b>	<b>3194</b>	<b>208342</b>



10.8 An outlay of ₹ 890717.38 lakh was kept for the Twelfth Plan. An expenditure of ₹ 328893.73 lakh has been incurred during the Annual Plan 2015-16 against an outlay of ₹ 480645.02 lakh. An outlay of ₹ 543894.02 lakh is kept for the Annual Plan 2016-17, this includes central share of ₹ 79733.87 lakh. Scheme-wise details of various schemes being implemented are as follows:

**Table No.10.4  
Scheme-wise Financial Outlays**

(₹ in lakh)

S. No.	Scheme	Outlay Twelfth Plan	Outlay 2015-16	Exp. In 2015-16	Outlay 2016-17
<b>(A) State Schemes</b>					
1.	SMR-SHW(13th FC)	11250.00	0.03	0.00	0.00
2.	SMR-SHW/MDR	126000.00	17200.00	8687.22	13000.00
3.	State Road Fund	164887.00	60000.01	14967.48	50000.00
4.	NABARD-RIDF	317750.03	62100.06	78462.07	71600.06
5.	RRSMP-EAP	110000.00	25300.00	21230.29	14285.00
6.	Rural Roads	5529.00	90000.00	94694.52	130000.00
7.	Special Priority Roads	0.00	500.00	1289.16	200.00
8.	Urban Roads	2894.00	950.00	3892.48	5500.00
9.	Land Acquisition (G)	1150.00	200.00	228.87	200.00
10.	Land Acquisition (P)	19.36	30.00	168.64	10.00
11.	Land Acquisition (ADP)	0.05	0.01	0.00	0.01
12.	Computerization	150.00	100.00	33.05	50.00
13.	Public Works and others	0.05	350.00	362.15	400.00
14.	Share Capital to RIDOCR/RSRDCC	0.05	0.02	0.00	0.02
15.	NH PPP Contribution	0.00	0.01	0.00	0.01
16.	Economic Roads	3000.00	250.02	92.00	0.03
17.	SHW-PPP	0.00	2000.00	3096.40	2000.00

S. No.	Scheme	Outlay Twelfth Plan	Outlay 2015-16	Exp. In 2015-16	Outlay 2016-17
18.	Loan to RIDCOR/RSRDCC	0.00	0.01	0.00	0.02
19.	Estate Dev. company	0.00	0.01	200.00	0.01
20.	PMGSY	0.00	0.00	32047.56	32000.00
21.	RSHDP-I ADB	0.00	0.00	0.00	75000.00
22.	RSHDP-II WB	0.00	0.00	0.00	20000.00
23.	RSHDP-III JICA	0.00	0.00	0.00	10000.00
	<b>Total</b>	<b>742629.54</b>	<b>258980.18</b>	<b>259451.79</b>	<b>424245.16</b>
<b>(B) Central Asst. Schemes</b>					
24.	Central Road Fund (ACA)	148087.84	25000.00	10651.87	26700.00
25.	Economic Roads	0.00	250.00	0.00	0.00
26.	Inter State Road	-	2000.01	0.00	0.03
27.	PMGSY	-	96000.00	55990.00	48000.00
28.	Border Area Roads	-	5033.82	2799.97	5033.82
29.	Strategic Roads	-	0.01	0.00	0.01
	<b>Total</b>	<b>148087.84</b>	<b>128283.84</b>	<b>69441.84</b>	<b>79733.86</b>
<b>(C) PPP Projects</b>					
30.	JDA Ring Rd Project (PPP)	-	20000.00	0.00	20000.00
31.	PWD- Road Project( PPP)	-	73381.00	0.00	19915.00
	<b>Total</b>	<b>-</b>	<b>93381.00</b>	<b>0.00</b>	<b>39915.00</b>
	<b>Grand Total</b>	<b>890717.38</b>	<b>480645.02</b>	<b>328893.73</b>	<b>543894.02</b>

SMR- Strengthening, Modernization & Renovation SHW- State Highway  
MDR- Major District Roads RRSMP- Rajasthan Road Sector Modernization Project

10.9 The main physical targets kept for the Twelfth Plan, achievement for the Annual Plan 2015-16, and targets kept for the Annual Plan 2016-17 are given in the following table:

**Table No.10.5**  
**Physical Targets**

S. No	Scope of Work	Scheme	Target Twelfth Plan	(Length in Km)	
				Ach. 2015-16	Target 2016-17
1.	SMR SHW & MDR	Central Road Fund	2270	87	200
2.	SMR SHW & MDR	13th FC	430	0	0
3.	SMR SHW & MDR	SMR-SHW-MDR	3100	30	30
4.	Const. of Rural Roads	RIDF	1000	447	0
5.	Const. of Rural Roads	Rural Roads	100	52	170
6.	Const. of Missing Links	RIDF	2850	84	0
7.	Const. of Religious Roads	RIDF	556	47	0
8.	RMUP-ISR/MDR/VR	RIDF	8400	4081	2500
9.	Const of RoBs (No.)	SRF	15	3	4
10.	SMR SHW & MDR	Economic Roads	-	0	0

S. No	Scope of Work	Scheme	Target Twelfth Plan	Ach. 2015-16	Target 2016-17
11.	Const of RUBs (No.)	Rural Roads	-	0	7
12.	Village Connectivity (No.)	RIDF	-	158	0
13.	Const. of Rural Roads	Rural Roads-EAP	-	496	194
14.	Village Connectivity (No.)	Rural Roads-EAP	-	264	50
15.	SMR SHW & MDR	SRF	-	0	0
16.	SMR Urban Roads	Urban Roads	-	0	31
17.	Const. of Rural Roads	SPR	-	-	0
18.	SMR-VR	SPR	-	0	0
19.	Const. of Rural Roads	PMGSY		2403	3000
20.	Habitations Connectivity	PMGSY		918	1100
21.	SMR-ISR	Inter- State		0	0
22.	Construction of GGP	Rural Roads		1349	230
23.	Const. of missing links	Rural Roads		310	1700

ISR- Inter State Roads VR- Village Roads

SPR – Special Priority Roads

RMUP- Renovation, Modernization, Up-gradation Project RoB –Rail over Bridge RUB –Rail under Bridge

SRF- State Road Fund

10.10 Other major achievements during the Annual Plan 2015-16 are as follows:

- A project of 16 Mega Highways for up-gradation of 2631 Km of secondary corridors consisting 28 works were taken up at the cost of ₹ 3590.00 lakh on BOT basis during 2012-13, all these works have been completed under BOT and State Road Fund out of which 8 works of length 240 Km have been completed during 2015-16
- Kishangarh Bas-Khairthal-Bansur-Kotputali (62 Km), and Debari-Kurabar-Bambora (41.87 Km) has been developed. Development of original work of Jaipur-Bhilwara State Highway (212 Km) was completed. Land acquisition for additional sanctioned 5 bypasses is in progress.
- Rail over bridge (ROB's) at Makrana, Modak and Phulera has been completed.
- Work of 7 Rail under bridges at various railway crossings in Hanumangarh and Churu districts are in progress.
- A new scheme Gramin Gaurav Path Yojana (GGPY) was started during 2014-15. In first phase sanction issued to construct cement concrete roads with drainage in 1975 Panchayat Headquarters. Work completed in 1827 PHQ's with construction of 1584 Km CC roads (GGPY).

- A Missing Link Project of 1009 works to construct 2182 Km missing links with a cost of ₹ 60835.00 lakh was started in December 2015. Work completed in 310 Km with an expenditure of ₹ 12800.00 lakh.
- Strengthening and renewal work of more than 4229 Km.
- Non-patchable of Major District Roads, other District Roads and Village Roads were completed under NABARD RIDF-20.
- 3 BOT works amounting to ₹ 59596.00 lakh, comprising 193.60 Km length was started. Margin money will be provided from State Road Fund.
- As per budget announcement 2014-15, 132 roads comprised 8910 Km length of State Highways and Major District Roads were identified in first phase to develop on PPP mode. Work of detailed project reports was completed. Mostly roads are not viable on PPP VGF mode. Now these roads would be developed on PPP Annuity and EPC mode. 50 percent share of these roads would be provided by GOR with loan assistance from WB & ADB. During Resurgent Rajasthan Summit, November 2015, a MOU of ₹ 1000000 lakh was signed between GOR and Malesiyan Companies.
- The following works were started during this year :-
  - Construction of additional carriage way from Bhairun Darwaza to Sawai Madhopur city with a cost of ₹ 3000 lakh.
  - Re-construction of High level bridge between Hanumangarh city and Hanumangarh Junction on Ghaggar River with a cost of ₹ 4000 lakh.
  - Widening and strengthening work from Sabala bypass and Teejwar to Syntax Chauraha via Tehsil Chauraha in Dungarpur district with a cost of ₹ 1460 lakh.
  - Construction of Road from Sewar to Pali in Dholpur district with a cost of ₹ 443 lakh.
  - Widening and strengthening work from Bhopal Sagar to Narela via Surajpura in Chittaurgarh district with a cost of ₹ 7688 lakh.
  - Widening and Strengthening work from Ghaura Circle to Ahanisa Circle and Kati Circle to Ahanisa Circle in Alwar city with a cost of ₹ 3000 lakh.

10.11 In addition to the other targets, following targets are kept for the Annual Plan 2016-17:

- 3 BOT works amounting to ₹ 90992.00 lakh, comprising 319.80 Km length would be completed. Margin money will be provided from State Road Fund.
- Work on 7 new RUB's in Hanumangarh and Churu district would be completed.

- 4 Rail over bridges at Gangapur city, Maria-Murena, Ramganj Mandi and Shree Mahaveerji would be completed during 2016-17. Construction work of ROB's at Lohawat on Raika Bag-Jaisalmer Rly section and Hanumangarh will also be taken up.
- First phase of GGP road works would be completed.
- Second phase of GGP road works will be started.
- Under NABARD RIDF-21, 694 works amounting to ₹ 60535 lakh involved 2702 Km non-patchable rural roads to renew and 99 CD works would be completed.
- 1009 work of 2182 Km missing links in rural areas would be completed under Rural Roads.

10.12 Brief of major schemes being implemented is as follows:

### **A. State Schemes**

#### **SMR-State Highways and Major District Roads**

10.13 Strengthening, Modernization & Renovation of State Highways and Major District Roads which could not be taken up under other schemes are also taken up under this scheme.

#### **State Highways**

10.14 During the year 2013-14, 26 works of 261.35 Km length costing ₹ 20522.00 lakh were sanctioned, out of which 18 works of 246 Km length completed and an expenditure of ₹ 16320.00 lakh incurred. During the year 2014-15, 4 works of 8.12 Km length costing ₹ 2269.00 lakh were sanctioned, out of which 1 work of 4 Km length completed and an expenditure of ₹ 1772.00 lakh has been incurred. 3 works e.g Hanumanagrh high level bridge and land acquisition of Bharatpur, Sawaimadhapur bypasses costing ₹ 14253.00 lakh was sanctioned in 2015-16. DPR work of HL bridge and land acquisition of bypasses is under progress. An expenditure of ₹ 6158.08 lakh has been incurred during 2015-16 against an outlay of ₹ 8500.00 lakh. An outlay of ₹ 6500.00 lakh is kept for the Annual Plan 2016-17.

#### **Major District Roads**

10.15 During the year 2013-14, 87 works of 280.90 Km length costing ₹ 8725 lakh were sanctioned, out of which 72 works of 227 Km length completed and an expenditure of ₹ 8663.00 lakh has been incurred. 2 works namely widening and strengthening of MDR-4 of 28.50 Km in Baran district and land acquisition of Nasirabad bypass costing ₹ 6285.00 lakh were sanctioned in 2015-16. Work started in Baran district and land acquisition of bypass is under progress. An expenditure of ₹ 2529.14 lakh has been incurred during 2015-16 against an outlay of ₹ 8700 lakh. An outlay of ₹ 6500.00 lakh is kept for the Annual Plan 2016-17.



## State Road Fund

10.16 A separate non lapsable State Road Fund had been created for road development by levying cess on the sale of petrol and high speed diesel @ ₹ 0.50 per litre in the State during 2004-05. Now levying cess on the sale of petrol and high speed diesel has been revised from @ ₹ 0.50 per litre to @ ₹ 1.25 per litre by March 2016. An amount of ₹ 11504.47 lakh was paid to RSRDCC for ongoing projects against margin money/annuity and an expenditure of ₹ 3463.01 lakh has been incurred on ongoing works against an outlay of ₹ 60000.01 lakh in the year 2015-16. An outlay of ₹ 50000.00 lakh is kept for the Annual Plan 2016-17.

## Rural Infrastructure Development Fund (RIDF)

10.17 NABARD is providing 80 per cent loan to the State Government for the development of rural roads under this scheme. Various works like strengthening and renewal of rural roads, construction of rural roads for connecting villages, construction of missing links, construction of CD works, religious & other important rural roads and bridges are taken up under the scheme. During 2014-15, 1211 works amounting to ₹ 84708.00 lakh to strengthen and renew 4254 Km of non-patchable length was sanctioned, out of these works 934 works of 3645 Km completed and expenditure of ₹ 59570.00 lakh incurred. Remaining works are under progress. During 2015-16, 694 works amounting to ₹ 60547.00 lakh to strengthen and renew 2702 Km of non-patchable length and 99 CD works were sanctioned. Progress of various works sanctioned under RIDF-16 to 21 is given in the table:

**Table No. 10.6**  
**Progress of RIDF Projects**

S. No.	Scheme	Sanctions		Progress up to 2015-16		(₹ in lakh)
		No. of work	Amount	No. of work	Amount	Outlay 2016-17
1	RIDF-16	2426	86384.27	2377	77127.66	0.03
2	RIDF-17	1264	55839.67	1252	51333.09	100.00
3	RIDF-18	2256	139598.67	2176	131074.63	1000.00
4	RIDF-19	2176	111587.00	2132	98915.85	1000.00
5	RIDF-20	1211	84708.00	1202	69879.53	8000.00
6	RIDF-21	694	60547.00	0	2268.75	54000.00
7	RIDF-22		0.00	0	0.00	7500.03
	<b>Total</b>	<b>10027</b>	<b>538664.61</b>	<b>9139</b>	<b>430599.51</b>	<b>71600.06</b>

10.18 An outlay of ₹ 71600.06 lakh is kept under the scheme for new and on-going works for the Annual Plan 2016-17 which includes ₹ 7500.03 lakh for RIDF-22.

## **Rajasthan Road Sector Modernization Project**

10.19 To connect Revenue villages having population 250-499 as per census 2001, in general areas and to improve quality and management of road network of PWD, a new RRSMP project was started with assistance of the World Bank in 2013-14. The project size is US \$ 227 Million (INR 136200 lakh). Loan negotiation on 18.09.2013, approval of project by the World Bank Board of Directors on 29.10.2013, Signing of Financing and Project Agreements was done on 02.01.2014 and terminal date of effectiveness is April 2014. Project Preparation Advance of US \$ 3 Million sanctioned by World Bank and an amount of ₹ 335.77 lakh has already been received in FD. During 2013-14 sanction of 1043 works amounting to ₹ 104907.00 lakh for connectivity of villages having population 250 to 499 as per census 2001 was issued. 1006 works were started. Rest 37 works for 50 Km are under cost effective technology, after finalization of detailed project reports by World Bank are proposed to be awarded. The expenditure for the project up to March 2016 is ₹ 90752.00 lakh. 945 villages were connected which involved 2121 Km. During the year 2015-16 an expenditure of ₹ 21230.19 lakh has been incurred against an outlay of ₹ 25300.00 lakh. An outlay of ₹ 14285.00 lakh is kept for the Annual Plan 2016-17.

10.20 The project includes the following component:

- Construction of about 2500 Km rural roads through strengthening of existing MNREGA roads to provide all weather road connectivity to 1056 villages having population 250 to 499.
- Pilot construction of 100-120 Km stretch based on low cost technology
- Improved policy framework
- Modernization of engineering practices and business procedures
- Sustainable Asset Management
- Institutional and Human Resource Development
- Governance and Accountability Action Plan
- Safe Corridor Demonstration Program- Identification of safety hazard areas through Institutional Research and Academic Planning (IRAP) surveys on high density traffic corridors and carrying out road safety interventions.
- Development of Road safety action plan for the State
- Road Safety Education and Awareness
- Road Safety Audit

### **Rural Road**

10.21 Under the scheme, roads in the rural areas are constructed, strengthened and renovated. During 2014-15, new sanctions for construction of HL/Submersible Bridge, CC construction of GGP,

construction of missing links/CD works, construction of village connectivity roads and various works of village roads were issued. During 2014-15 sanction for 28 works amounting to ₹ 7475.00 lakh for various roads in Bharatpur and Kota zone, was issued (involves 100.46 Km length) out of which 9 works of 30.90 Km length completed and an expenditure of ₹ 3960.00 lakh incurred. New scheme Gramin Gaurav Path was also started during this year. As per budget announcement 2014-15, GGP is to be developed at all Panchayat Headquarters in next 3 years. In the first phase, sanction of ₹ 102729 lakh to construct 1955 Km cement concrete road with drains in 1985 PHQs. By March, 2016 work completed in 1827 PHQs with construction of 1584 Km CC roads includes drain works in 729 PHQs. Remaining works are in progress.

10.22 During 2015-16, 2 ROBs, 6 RUBs, 23 road works and 1009 work of missing links amounting to ₹ 83499.43 lakh involved 2361 Km length, sanction was issued. Work of RUB's, missing links and various roads started.

10.23 An expenditure of ₹ 94694.52 lakh has been incurred during the year 2015-16 against an outlay of ₹ 90000.00 lakh. An outlay of ₹ 130000.00 lakh is kept for the Annual Plan 2016-17.

### **Special Priority Roads**

10.24 During 2013-14, a new scheme Special Priority Roads was started. An expenditure of ₹ 1289.16 lakh has been incurred during the year 2015-16 against an outlay of ₹ 500.00 lakh. An outlay of ₹ 200.00 lakh is kept for the Annual Plan 2016-17.

### **Urban Roads**

10.25 Strengthening, renovation and widening of urban road works are taken up under the scheme. During 2015-16, 4 works of 16.70 Km length costing ₹ 15319.00 lakh was sanctioned in Alwar, Dungarpur, Sawai Madhopur city and Jaitaran town and these works were started. An expenditure of ₹ 3892.48 lakh was incurred during 2015-16 against an outlay of ₹ 950.00 lakh. An outlay of ₹ 5500.00 lakh is kept for the Annual Plan 2016-17.

### **Land Acquisition**

10.26 An expenditure of ₹ 397.51 lakh was incurred on payment of compensation in lieu of land acquisition under 'General & PMGSY' scheme in 2015-16 An outlay of ₹ 210.01 lakh is kept for the Annual Plan 2016-17.

### **Computerization**

10.27 For strengthening of IT sector of the department ₹ 150.00 lakh was kept for the Twelfth Plan. The System Study/RFP preparation of the project is being carried out by RajCOMP Information Services Ltd. under the supervision of State e-Governance Mission Team (SeMT). This project includes study, design, development of application software, purchase of hardware up to sub-division offices, installation of network connectivity among all PWD offices across the State. It also includes five

year maintenance and FMS requirements. An expenditure of ₹ 33.05 lakh was incurred on software and remuneration of computer operators as contract persons against an outlay of ₹ 100.00 lakh. An outlay of ₹ 50.00 lakh is kept for the Annual Plan 2016-17.

### Public Works

10.28 Under this head, construction of 5th floor, basement work, canteen, QC lab, work at Nirman Bhawan Jaipur, construction of Circle Office at Dungarpur and Jalore, construction of Dak Bungalows at Puskar, Sangod and Digod amounting to ₹ 903.58 lakh are being done. An expenditure of ₹ 362.15 lakh has been incurred during the year 2015-16 against an outlay of ₹ 350.00 lakh. An outlay of ₹ 400.00 lakh is kept for the Annual Plan 2016-17.

#### A. State Plan PPP Projects:

##### Road Development through PPP mode

10.29 In the year 2014-15 it was decided to develop 20,000 Km State Highways and Major District Roads through PPP mode in next five years. In the first phase, 8910 Km lengths of State Highways and Major District Roads have been identified in 29 packages to develop in planned manner as per requirement of traffic. It includes 132 roads. DPR (Detailed Project Report) for all packages including East-West Corridor has been received. Mostly roads are not viable on PPP VGF mode. Now these roads would be developed on PPP Annuity and EPC mode. 50 per cent share of these roads would be provided by GOR with loan assistance from WB, ADB and JICA. During Resurgent Rajasthan summit, November 2015, a MOU of ₹ 1000000 lakh was signed between GOR and Malesiyan Companies.

10.30 17 PPP projects amounting to ₹ 230500 lakh is likely to be started during 2016-17. For these projects, private share of ₹ 19915.00 lakh is expected in 2016-17.

**Table No. 10.7**

S.N.	Name of Road	Estimated Project Cost	VGF Share (GOI+ GOR)	Concessionaire Share	
				2015-16	2016-17
1	Ganganagar-Pacca-Saharana-PPP-VGF	12000.00	3636.00	0.00	3364.00
2	Chomu-Chandawaji PPP-VGF	4000.00	1600.00	0.00	1000.00
3	4 Roads Package no.01 ADB	30600.00	15300.00	0.00	2300.00
4	2 Roads Package no.02 ADB	39400.00	19700.00	0.00	2700.00
5	6 Roads Package no.03 ADB	76200.00	35600.00	0.00	6401.00
6	3 Roads Package no.04 ADB	68300.00	34150.00	0.00	4150.00
	<b>Total</b>	<b>230500.00</b>	<b>109986.00</b>	<b>0.00</b>	<b>19915.00</b>

10.31 An expenditure of ₹ 3096.40 lakh has been incurred on preparation of DPR's during the year 2015-16 against an outlay of ₹ 2000.00 lakh. An outlay of ₹ 2000.00 lakh is kept for the Annual Plan 2016-17.

**A. Central Assistance Schemes:**

**Central Road Fund**

10.32 Strengthening and widening works of State Highways (SHWs) and Major District Roads (MDRs) are taken up under CRF. The scheme is fully funded by the Central Government. During the Twelfth Plan, 119 work of 1769.15 Km length costing ₹ 241623.00 lakh have been sanctioned and ₹ 51044.00 lakh has been received from GOI. Out of these sanctions, 56 works of 952 Km costing to ₹ 176228.00 lakh have been sanctioned during 2015-16. An expenditure of ₹ 10651.87 lakh has been incurred on ongoing works during the year 2015-16 against an outlay of ₹ 25000.00 lakh. An outlay of ₹ 26700.00 lakh is kept for the Annual Plan 2016-17.

**PMGSY**

10.33 Up-to 2014-15 it was 100 per cent centrally sponsored scheme. From 2015-16 pattern of funding have been changed by GOI. As per new pattern of funding 60 per cent share by GOI and 40 per cent share by GOR of PMGSY scheme will be shared. Under this scheme habitations having population 500 and above in general area and 250 and above in tribal & desert area are being connected by Roads.

10.34 On the basis of principle approval from Central Govt. Proposal of ₹ 4100.00 crore had been submitted to the Central Govt. to connect 5749 Dhanies/Majaras (habitations in addition to revenue villages) under PMGSY scheme. In the first phase sanction of 1076 works amounting to ₹ 885.82 crore, in the second phase sanction of 687 works amounting to ₹ 549.68 crore, in the third phase sanction of 569 works amounting to ₹ 483.32 crore, in the fourth phase sanction of 571 works amounting to ₹ 510.18 crore and in the fifth phase sanction of 874 works amounting to ₹ 796.18 crore was issued by GoI.

10.35 Phase wise progress up to March, 2016 and kept targets for the Annual Plan 2016-17 are as follows:

**Table No. 10.8  
PMGSY Works**

(₹ in crore)

Phase & Year	Sanct. Amount	Sanct, Length	Habitations to be benefited	Length constructed up to 03/16	Habitations connected up to 03/16	Exp. up To March 2016	Target 2016-17
P-X P-I&II 11-12	885.82	3602.76	1076	3208.31	1027	743.26	50.00

Phase & Year	Sanct. Amount	Sanct, Length	Habitations to be benefited	Length constructed up to 03/16	Habitations connected up to 03/16	Exp. up To March 2016	Target 2016-17
P-X P-II 11-12	549.68	1892.04	687	1641.03	599	492.02	50.00
P-XI P-III 12-13	483.32	1672.13	578	1498.36	529	408.21	100.00
P-XII P- III 13-14	510.18	1714.97	571	1445.20	497	401.10	100.00
P-XII P- III 13-14	796.18	2617.33	874	2086.32	676	574.27	200.00
P-XII P- III 16-17	1612.00	4293.00	1479	0.00	0	0.00	300.00
Total	<b>4837.18</b>	<b>15792.23</b>	<b>5265</b>	<b>9879.22</b>	<b>3328</b>	<b>2618.8</b>	<b>800.00</b>

10.36 An expenditure of ₹ 88037.56 lakh has been incurred against release of ₹ 55990.00 lakh and ₹ 32047.56 lakh by GOI and GOR respectively during 2015-16. An outlay of ₹ 80000 lakh is kept for the Annual Plan 2016-17. Last phase of habitations connectivity is likely to be sanctioned in April 2016. 900 habitations are kept to be connected with roads involved 2000 Km.

### **Strategic and Border Roads**

10.37 Border roads are being constructed and maintained by BRO (Border Roads Organization). An outlay of ₹ 5033.82 lakh is kept for the Annual Plan 2016-17.

### **Rajasthan State Road Development & Construction Corporation Ltd. (RSRDCC) (IEBR)**

10.38 The Corporation is engaging in construction of departmental buildings as well as road and bridge works. An outlay of ₹ 100000.00 lakh was kept for the Twelfth Plan. An expenditure of ₹ 40000.00 lakh has been incurred in the year 2015-16 against an outlay of ₹ 50077.00 lakh. An outlay of ₹ 40000.00 lakh is kept for the Annual Plan 2016-17.

### **Transport Department**

10.39 Transport Department is one of the major revenue earning departments of the State as it directly caters to needs of general public. The social responsibilities of the department are also increasing day by day. In order to render timely services like issuing of driving licenses, permits, registration of vehicles, fitness, deposition of taxes etc. and to provide a sensitive, responsible, transparent and corruption free administration, the schemes related to infrastructural development in the department have been given priority in the Twelfth Plan period. Services like issuing learning license, permanent license, and duplicate license, renewal of license and disposal of pension cases are being provided within the stipulated time period under the Rajasthan Guaranteed Delivery of Public Service Act 2011. Computerization of the

Transport Department is under progress. Driving licenses and registration certificates are being issued on smart cards since 2014-15. Integrated Computerised Fitness Centre and Fully Automated Driving Track equipped with modern technology are proposed to be constructed at Jaipur during the year 2016-17 on PPP mode. Facility for online submission of various applications will also be made available.

10.40 Looking into the increasing number of road accidents, road safety is one of the top most priorities of the department. Important decisions regarding road safety are taken, implemented and monitored by various State Level Committees like Cabinet Sub Committee, State Road Safety Council, Transport Management Committee and Steering Committee and District Level Transport Management Committees. A separate road safety cell has been created within the Transport Department, which is also the nodal department for coordinating road safety activities in the State. Year 2015-16 was declared as the Road Safety Year in which various road safety activities like awareness and checking campaigns, creation of new NGOs working exclusively in road safety, training programs/workshops etc. were carried out. State Road Safety Policy has been approved by State Level TMC and will be declared in near future. Use of helmet has been made compulsory for two wheeled vehicle drivers as well as pillion riders throughout the State. Road Safety education has been included in the curriculum of standard VI to Xth in the schools of the state. Integrated computerized driving tracks and fitness centres are being established on PPP mode. Besides these, various other road safety activities are being regularly carried out. The new schemes for providing reform linked assistance to RSRTC were started during the year 2014-15 are continue in 2016-17 also. For infrastructural development of the department, following projects are being implemented:

#### **Transport Building and Driving Tracks**

10.41 Huge record gets accumulated in the offices of the department. To keep the record intact for a long time, record rooms are being constructed in Transport Offices. Also the scheme of issuing online learners license is being initiated in the State. Under the scheme, Learner License Halls are being constructed in Regional and District Transport Offices. Office buildings and driving tracks are being constructed through PWD. Construction work for Office buildings and driving tracks of RTO Jodhpur will be started in the year 2016-17. An expenditure of ₹ 611.23 lakh has been incurred in the year 2015-16 against an outlay of ₹ 929.31 lakh. An outlay of ₹ 449.00 lakh is kept for the Annual Plan 2016-17.

#### **Computerization in RTO/DTO Offices**

10.42 For providing online and timely service delivery to the public, computerization project is being implemented. An expenditure of ₹ 1914.37 lakh has been incurred on the scheme in the year 2015-16 against the provision of ₹ 1915.01 lakh. An outlay of ₹ 2763.48 lakh is kept for the Annual Plan 2016-17.

### **Inspection and Certification Center in Railmagra**

10.43 For providing facility of vehicle testing, I&C has been established in Railmagra, District-Rajsamand. No expenditure was incurred during the year 2015-16 against an outlay of ₹ 0.03 lakh. An outlay of ₹ 10.00 lakh is kept for the Annual Plan 2016-17.

### **Road Safety Fund**

10.44 An expenditure of ₹ 110.37 lakh has been incurred in the year 2015-16 against an outlay of ₹ 250.08 lakh. An outlay of ₹ 250.08 lakh is kept for the Annual Plan 2016-17.

### **Assistance to RSRTC for Share Capital**

10.45 To improve the financial position of the State Road Transport Corporation, the State Government has decided to provide state equity to the corporation. No expenditure was incurred during the year 2015-16 against an outlay of ₹ 0.03 lakh. An outlay of ₹ 0.03 lakh is kept for the Annual Plan 2016-17.

### **Grant to RSRTC for VGF**

10.46 To improve the financial position of the State Road Transport Corporation, the State Government has decided to provide grant to the Corporation. An expenditure of ₹ 2084.66 lakh has been incurred in the year 2015-16 against an outlay of ₹ 2000.00 lakh. An outlay of ₹ 2000.00 lakh is kept for the Annual Plan 2016-17.

### **Grant for Reformed Linked Plan**

10.47 To improve the financial position of the State Road Transport Corporation, the state government has decided to provide grant to the Corporation. No expenditure has been incurred in the year 2015-16 against an outlay of ₹ 12000.00 lakh. An outlay of ₹ 12000.00 lakh is kept for the Annual Plan 2016-17.

### **Share Capital for Reform Linked Plan**

10.48 To improve the financial position of the State Road Transport Corporation, the state government has decided to provide Share Capital for Reform Linked Plan to the Corporation. No expenditure has been incurred in the year 2015-16 against an outlay of ₹ 30000.00 lakh. An outlay of ₹ 12000.00 lakh is kept for the Annual Plan 2016-17.

### **Rajasthan State Bus Terminal Dev. Authority**

10.49 In the State, there is a lack of modern facilities for the passengers & other users at various bus terminals. There is no proper availability of buses at various bus terminals.

10.50 In order to provide Modern facilities to the passengers & other users and to facilitate operation of State Transport Undertakings and private bus operator's buses from the same bus terminal "Rajasthan State Bus Terminal Development Authority" is constituted under the



Rajasthan State Bus Terminal Development Authority Act, 2015. Framing of rules under the Rajasthan State Bus Terminal Development Authority Act, 2015 is under process.

10.51 For preliminary work an expenditure of ₹100.00 lakh has been incurred in the year 2015-16 against an outlay of ₹ 0.03 lakh. An outlay of ₹ 100.03 lakh is kept for the Annual Plan 2016-17.

**Rajasthan State Road Transport Corporation, Jaipur**

10.52 The Rajasthan State Road Transport Corporation was established on October 1, 1964 under the Road Transport Act, 1950. The main activity of the Corporation is plying buses for passengers from one place to another place within and outside the State.

10.53 Main physical targets for the Twelfth Plan, likely achievement for the Annual Plan 2015-16 and target for the Annual Plan 2016-17 are as follows:-

**Table No. 10.9  
Physical Targets for RSRTC**

<b>S. No.</b>	<b>Item</b>	<b>Unit</b>	<b>Target Twelfth Plan</b>	<b>Ach. 2015-16</b>	<b>Target for 2016-17</b>
1.	Purchasing New Buses (Including Midi Busses )	No.	2500	10	500
2.	Operated Km	in crore Km	330	59.02	60.00
3.	Fleet utilization	%	96	89	92
4.	Vehicle Utilization per day per bus on average buses held	Km	391.40	356.00	373.00
5.	Load Factor	%	75.60	75.40	74.00
6.	Km per Litre (Diesel)	Diesel	5.09	5.00	5.05