

## CHAPTER - 13

### TRANSPORT & COMMUNICATION

13.1 A healthy transport system is an indicator of the economic health and development of a nation. All development sectors get benefits of improved transport and communication system. An integrated and efficient communication mode is necessary for rapid economic development of the State.

#### **Public Works Department**

13.2 Rajasthan is the largest state of the country having an area of 3.42 lakh Sq. Kms. According to the 2001 census, the population of the State is 5.65 crores. About 77 % the population lives in the villages. Administratively the State is divided into 32 districts which are further sub-divided in 188 sub-divisions, 241 Tehsils and 237 Panchayat Blocks.

13.3 The population group-wise road connectivity of villages, as per population 2001 census, as on 31.03.2007, is as below:-

Table No. 13.1

S. No.	Population Group	Total villages	Connected as on		Likely to be connected as on
			31.03.06	31.03.07	31.03.08
1.	1000 & above	14198	13800	14077	14181
2.	500 - 1000	11058	6029	7975	9871
3.	Below-500	14497	4181	4529	4529
	Total	39753	24010	26581	28581

13.4 The road length in the State as on March 31, 2007 is as under:-

Table No. 13.2

S. No.	Classification	Length in km.				
		BT	MR	GR	FW	Total
1.	National Highways	5611	0	0	44	5655
2.	State Highways	11612	9	21	26	11668
3.	Major District Roads	7339	9	37	62	7447
4.	Other District Roads	21336	201	2143	0	23681
5.	Village Roads	76822	1844	42455	3943	125063
	<b>TOTAL</b>	<b>122722</b>	<b>2063</b>	<b>44655</b>	<b>4074</b>	<b>173514</b>

13.5 A State Road Development Fund was created to leverage capital for road development and to get the private sector involved. The State Government has also enacted the **Road Development Fund Act, 2004** under which a cess on sales of diesel and petrol has been levied to create a revenue stream for the Road Fund.

13.6 In order to substantially augment the existing road infrastructure, the Government launched the 'Mega Highways Project', a first of its kind project in the country.

- o Presently, traffic from Northern to the Southern States and vice-versa uses the road corridors of NH-8, NH-11, NH-12, NH-14 and NH-15 in the State. Under the 'Mega Highways Project', State Highways linking the National Highways are being upgraded into world-class expressways, reducing substantially the distance, time and cost of transportation/travel. Five road corridors of over 1000 km are being developed under the Project.
- o For the project, the State Government joined hands with Infrastructure Leasing and Financial Services Company (IL&FS Ltd) to create a 50:50 joint venture named RIDCOR – Road Infrastructure Development Company of Rajasthan Limited.

13.7 An outlay of Rs. 3492.85 crores has been proposed in the XI Five Year Plan 2007-12 for Roads & Bridges. An expenditure of Rs. 610.22 crores is likely to be incurred in 2007-08. Rs. 590.44 crores is proposed for Roads & Bridges in Annual Plan 2008-09. The details of provisions made for different schemes in 2008-09 and likely expenditure to be incurred in 2007-08 are as under:-

Table No. 13.3

(Rs. in lacs)

S. No.	Scheme	Proposed Outlay 11th Plan	Likely Exp. 2007-08	Proposed Outlay 2008-09
1.	Central Road Fund	67987.00	12304.00	13534.00
2.	MNP (General)	2720.00	110.00	0.01
3	Rural Roads	-	-	190.00
4.	Public Works	200.00	-	1.00
5.	Land Acquisition (G)	1000.00	150.00	100.00
6.	Land Acq.(ADP)	625.00	100.00	10.00
7.	Land Acq.(PMGSY)	600.00	100.00	510.98
8.	NABARD-RIDF	148038.00	28038.00	24000.00
9.	Computerization	350.00	100.00	100.00
10.	State Road Fund			
a.	RIDCOR-MH-I	10000.00	5000.00	5000.00
b.	MH-II	25200.00	0.01	0.01

S. No.	Scheme	Proposed Outlay 11th Plan	Likely Exp. 2007-08	Proposed Outlay 2008-09
c.	Development Works	92300.00	15000.00	15000.00
11.	Indian Road Congress	100.00	100.00	0.01
12.	SMR-SHW/ SMR-MDR/ RSHP-I	-	0.05	400.00
13.	Others	165.00	20.00	0.10
	<b>TOTAL</b>	<b>349285.00</b>	<b>61022.06</b>	<b>59044.12</b>

### Physical Targets- Annual Plan 2008-09

Table No. 13.4

S. No.	Scope of work	Scheme	unit	Targets
1.	SMR SHW & MDR	Central Road Fund	Km.	750
2.	Up-gradation WBM to BT	NABARD RIDF-XI & XII.	km.	200
3.	RMUP	NABARD RIDF-X to XII	km.	200
4.	Const. of Rural Roads	NABARD RIDF-X & XII RR.	km.	288
5.	Const. of Missing links	NABARD RIDF-XIII	km.	1000
6.	Misc. Roads	State Road Fund	km.	100
7.	CC Road	State Road Fund	km.	50
	<b>TOTAL</b>			<b>2588</b>

Scheme-wise details are as follows:-

#### Central Road Fund

13.8 Strengthening, widening and renewal of State Highways and Major District Roads are being done under CRF. 100 percent funds for this scheme are received from the Government of India. Under this scheme sanctions amounting to Rs. 892.39 cr. were received from MoRTH, GOI. Against these sanctions, 9302 kms State Highways & MDR's are being strengthened and renewed.

13.9 A total of 576 works have been sanctioned by MoRTH under the scheme, of which 468 works have been completed on which expenditure of Rs. 622.60 crores has been incurred up to October, 2007 and 108 works are under progress. During 2007-08, a provision of Rs. 121.16 crores has been made and expenditure of Rs. 86.09 crores has been incurred up to October, 2007; Rs. 135.34 crores has been proposed for 2008-09 under Central Road Fund.

## **NABARD assisted Projects under Rural Infrastructure Development Fund**

13.10 The Road Up-gradation Project (RUP-I & II) was carried out in parts in past three years for up-gradation and renewals of roads which were not renewed for last 12 to 15 years. Under this project, about 19,800 km. of roads had been renewed. Yet there was a backlog of about 20,000 km. for renewal. Out of this backlog, 8000 km. of State Highways and Major District roads have been taken up under Central Road Fund (CRF) for which funds are being received from GOI and renewal work of remaining 12000 km. of rural roads (ODR & VR) are being taken up through NABARD loan assistance under RIDF.

13.11 The Water Bound Macadam (WBM) roads constructed by the Department under different schemes in past years have suffered damage in due course of time. Commuters were facing difficulty on these roads. The public in general and public representatives in particular were also demanding bituminous work on these roads. Therefore, it became necessary to upgrade these roads to bituminous stage. The length of these WBM roads with the department is 5,195 kms. These WBM roads are being upgraded through NABARD loan under RIDF.

13.12 Construction of new roads/missing links, religious and tourist importance roads are also being taken up through NABARD loan assistance under RIDF.

13.13 Expenditure of Rs. 814.00 crore is likely to be incurred up to March, 2008 under NABARD RIDF-X/XI/XII. A provision of Rs. 59.50 crores is proposed for WIP works sanctioned under NABARD RIDF-X/XI/XII during 2008-09. The following Projects are being funded by NABARD under RIDF. The progress of these projects is as under:-

Table No. 13.5

(Rs. in Crores)

S. no.	Name of the Project	Total Sanctioned Cost	Exp. Up to March 2007	Likely exp. up to March 2008	Proposed Outlay 2008-09
1	WBM to BT-I to IV	538.34	313.20	468.00	40.30
2	RMUP I to III	295.02	182.45	264.00	11.37
3	Rural Roads I to III	97.27	52.65	82.00	7.83
	Total	930.63	548.30	814.00	59.50

### **Missing Links Project (NABARD RIDF- XIII)**

13.14 Due to construction of new Bitumen roads during past three or four years, many missing links exist in the road network. A new Missing Link project costing Rs. 300 crores to construct 2000 km roads is being implemented in the State during 2007-08 & 2008-09 through NABARD

loan assistance of Rs. 280 crores under RIDF and Rs. 20 crores as RSAMB share from its internal resources.

#### **NABARD RIDF- XIV**

13.15 There are 55 villages having population of 500 and above as per 2001 census which has not been covered under PMGSY; these are to be connected by Gravel roads. To provide all weather connectivity to all villages having population 500 and above, such villages would be covered through NABARD loan assistance under RIDF- XIV. The road development works for up-gradation of existing gravel roads to bitumen roads and construction of religious and tourist importance roads are proposed to be taken up under RIDF-XIV.

#### **Land Acquisition (General)**

13.16 As per revised proposals, to clear pending liabilities for land acquired under various projects, provision of Rs 681.18 lac was required to be made. In 2007-08 expenditure of Rs. 150 lacs is likely to be incurred against the same. A provision of Rs. 100 lacs is proposed for 2008-09 towards clearance of pending liabilities.

#### **Land Acquisition (ADP)**

13.17 As per revised sanctions, Rs. 4,854.86 lacs was required for land acquired under ADP. Upto March, 2007 expenditure of Rs. 3,762.45 lacs has been made. During 07-08 expenditure of Rs. 100 lacs is likely to be incurred; a provision of Rs. 10 lac is proposed under this head in 2008-09.

#### **Land Acquisition (PMGSY)**

13.18 Villages having population of 500 & above are being connected by bitumen roads under PMGSY. There are 20 such villages in the State having population of 1000 & above for which Government land is not available for road construction. Out of the above, forest clearance is required in case of 10 villages. The Government of India does not provide funds for land acquisition under PMGSY. Expenditure of Rs.100 lacs is likely to be incurred for land acquisition under PMGSY; Rs. 510.98 lacs is proposed in Annual Plan 2008-09.

#### **Computerization**

13.19 As per State Government's vision statement, computerization of the Public Works department is to be carried out in a phased manner. A project amounting to Rs. 1244.35 lac has been prepared for computerization of the department. This project is to be completed in five years period from 2004-05 to 2008-09. Expenditure of Rs. 100 lacs is likely to be incurred in the year 2007-08; a provision of Rs. 100 lac is proposed for this project in 2008-09.

### **State Road Development Fund**

13.20 The State Govt. has created the State Road Fund under an Act of the State Legislature. The Fund is non lapsable and dedicated to the roads sector. It is financed by the levy of a Cess on the sale of Motor Sprit, commonly known as petrol and high speed diesel oil, at a rate of 50 paisa per litre.

13.21 It is estimated that the resources which would accrue to the State Government during the Eleventh Five Year Plan 2007-12 would be around Rs. 1275 crores. Under this fund 1700 works to construct and renew various roads including 17 ROB's amounting to Rs. 676.06 crores have been sanctioned since Sept.2004. A provision of Rs. 200 crores is proposed for road development works under this head in 2008-09.

### **SMR-State Highways**

13.22 In 2007-08, road works amounting to Rs. 5 crore have been sanctioned to widen 37 km of SHW in Jhalawar district. Expenditure of Rs. 0.05 lacs is likely to be incurred during 2007-08 and remaining amounting of Rs. 4 crores is proposed for this work in 2008-09.

### **SMR-MDR**

13.23 During 2007-08, works amounting to Rs. 2.33 crores have been sanctioned to widen 8.2 km of MDR-42 in Jhalawar district. Expenditure of Rs. 0.35 cr. is expected to be incurred in 2007-08 and the remaining Rs. 1.98 crores is proposed in 2008-09.

### **RAJASTHAN STATE ROAD TRANSPORT CORPORATION (RSRTC)**

13.24 Rajasthan Road Transport Corporation was established on October 1, 1964 under 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.

13.25 An outlay of Rs. 395.20 crores is proposed for the corporation in the Eleventh Five Year Plan. An expenditure of Rs. 77.00 is likely to be incurred in the year 2007-08 and an amount of Rs. 80.45 crores is proposed in the Annual Plan 2008-09. The entire amount is proposed to be met out through loans from commercial banks and other financial institutions.

13.26 The major physical targets of the Corporation for the year 2007-08, Annual Plan 2008-09 and Eleventh Five Year Plan 2007-12 are as follows:-

Table No. 13.6

S. No.	Item	Unit	Targets		
			Eleventh Plan 2007- 12	Annual Plan 2007-08	Annual Plan 2008-09
1	Purchase of new buses	No.	2700	550	550
2	Operated Kms.	in crore Kms.	305.00	60.50	61.25
3	Fleet utilization	% age	96	96	97
4	Vehicle Utilisation	Per day per bus	371	365	370
5	Load Factor	% age	72.5	69	71.00
6	Km per Litre	Diesel	5.06	5.05	5.00

### **Agriculture Marketing Board**

13.27 The Rajasthan State Agriculture Marketing Board was established in June, 1974 by the State Government under Section 22 A of the Rajasthan Agricultural Produce Market Act, 1961. The Board is a corporate body having perpetual succession.

13.28 The major part of the activities of the Board is devoted to construction of market yards/sub yards and market link roads. The construction programmes and their execution involves approval of site for development of new market yards, preparation and submission of projects for financial assistance, construction & development of market yards, handover of market yards to market committees, construction, maintenance & repair of Rural Link Roads.

13.29 In addition to resources defined in the Agricultural Produce Markets Act 1961, for credit to the Marketing Development Fund, funds for construction of market yards & market link roads are available from following three sources.

- Loans from NABARD/Financial Institutions in favour of concerned market committee
- Funds earmarked by the market committees out of their income
- Loans sanctioned by the Board to meet the resource gap, in case of financially weak market committees

13.30 During the Eleventh Five Year Plan, a provision of Rs. 650.00 crores has been proposed to be spent by the Board on construction of 750 kms new roads. 100 kms new roads are being constructed in Annual Plan 2007-08 with the expenditure of Rs. 110.00 crores is likely to be incurred. An amount of Rs. 110.70 crores is proposed for the Board's works in Annual Plan 2008-09.

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

13.31 The construction works of Rs. 112.50 crores would be executed by the Corporation during the Eleventh Five Year Plan. An expenditure of Rs. 22.00 crores is likely to be incurred in the year 2007-08 and an amount of Rs. 22.75 crores is proposed in Annual Plan 2008-09 from the internal resources of the Corporation.

### **Transport Department**

13.32 The Transport Department is engaged in the activities of regulation, control, registration, taxation and recovery of motor vehicles. In addition to these, extension of new roads for providing better transport facilities to the public, issuing licenses for vehicle driving, implementation of road safety measures and controlling vehicle pollution etc. activities are being performed by the department under various Acts.

13.33 An outlay of Rs. 32.50 crores is proposed for the Transport Department in the Eleventh Five Year Plan 2007-12. An expenditure of Rs. 75.00 lacs is likely to be incurred by the department in the year 2007-08; a token amount of Rs.0.01 lacs is proposed in Annual Plan 2008-09.