

CHAPTER - 15

TRANSPORT & COMMUNICATION

15.1 A well developed network of transport and communication is an indicator of the economic health and development of a nation. All development sectors get benefits of improved transport and communication system. In avast state like Rajasthan, an integrated and efficient communication mode is absolutely necessary for rapid economic development.

15.2 The 11th Five Year Plan approach emphasizes development of a good road infrastructure and good quality of road network in the state. Keeping in view of this aim, the State Government is committed and endeavors to implement the following in coming years:-

- All the villages 250 and above population will be connected by roads.
- Strengthening and renovation of all highways and district roads.
- Works of missing link roads to connect villages will be taken up on priority basis.
- All the damaged roads will be repaired on priority basis by preparing a time bound programme.
- Road facilities will be extended to religious and tourist places.
- Efforts will be made for construction of fly-over, road over-bridge and underpass as BOT system on all the railway crossing situated on all NH,SH and district roads.

Public Works Department

15.3 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 33 districts which are further sub-divided in 188 sub-divisions, 241 Tehsils and 237 Panchayat Blocks.

15.4 The population group-wise road connectivity of villages, as per population 2001 census, as on 31.03.2008, is as below:-

15.5 The population group-wise connectivity of villages as per population 2001 census as on 31.03.2008 in the state are as below:-

Table No. 15.1

S. No.	Population Group	Total village	Connected as on	Connected as on	Likely to be connected as on
			31.03.07	31.03.08	31.03.09
1.	1000 & above	14198	14077	14156	14172
2.	500 - 1000	11058	7975	10583	11033
3.	Below-500	14497	4529	5800	6934
	Total	39753	26581	30539	32139

15.6 The road length in the State as on March 31, 2008 is as under:-

Table No. 15.2

S. No.	Classification	Length in km.				
		BT	MR	GR	FW	Total
1.	National Highways	5670	8	1	35	5714
2.	State Highways	11717	5	17	11	11750
3.	Major District Roads	7551	1	35	71	7658
4.	Other District Roads	22439	57	1928	0	24424
5.	Village Roads	87313	1418	40433	3750	132914
	TOTAL	134690	1489	42414	3867	182460

15.7 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.

15.8 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.

- 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.
- 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.
- 90% work of this project has been completed. Under this project 11 ROB's and 30 bypasses are under construction.

15.9 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. 584.49 crores is likely to be incurred in 2008-09. Rs. 502.94 crores is proposed for Roads & Bridges in Annual Plan 2009-10. The details of provisions made for different schemes in 2009-10 and likely expenditure to be incurred in 2008-09 are as under:-

Table No. 15.3

(Rs. in lacs)

S. No.	Scheme	Proposed Outlay 11th Plan	Likely Exp. 2008-09	Proposed Outlay 2009-10
1.	Central Road Fund	67987.00	18000.00	13195.00
2.	MNP (General)	2720.00	0.01	0.01
3	Rural Roads	-	900.00	250.00
	Rural Roads (PPP)	-	200.00	0.00
4.	Public Works	200.00	0.01	0.01
5.	Land Acquisition (G)	1000.00	10.00	10.00
6.	Land Acq.(ADP)	625.00	0.01	0.01
7.	Land Acq.(PMGSY)	600.00	485.00	427.42
8.	NABARD-RIDF	148038.00	16737.90	14403.02
9.	Computerization	350.00	0.01	25.00
10.	State Road Fund			
a.	RIDCOR-MH-I	10000.00	5000.00	0.01
b.	MH-II	25200.00	0.01	0.01
c.	Development Works	92300.00	15000.00	20000.00
11.	Indian Road Congress	100.00	0.01	0.01
12.	SMR-SHW/	-	1950.00	1445.67
	SMR-MDR/ RSHP-I	-	150.00	430.02
13.	Others	165.00	16.04	107.40
	TOTAL	349285.00	58449.00	50293.59

Physical Targets- Annual Plan 2009-10

Table No. 15.4

S. N	Scope of work	Scheme	unit	Targets
1	SMR-SHW & MDR	Central Road Fund	km	431
2	CC Roads SHW	SMR-SHW WIP Works	km	13
3	Up-gradation WBM to BT	NABARD RIDF-XI & XII.	km	0
4	RMUP	NABARD RIDF-XI to XIV	km	400
5	Const. of Rural Roads	NABARD RIDF-XII to XIV	km	350
6	Const. of Missing links	NABARD RIDF-XIII	km	140
7	Const. of Rural Roads	Rural Roads	km	50
8	Misc. Roads	State Road Fund	km	200
	TOTAL			1584

15.10 Scheme-wise details are as follows:-

Central Road Fund

15.11 Strengthening and widening 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. 1126.73 cr. were received from MoRTH, GOI. Against these sanctions, 9027 kms State Highways & MDR's are being widened and strengthened.

15.12 A total of 641 works have been sanctioned by MoRTH under the scheme, of which 554 works have been completed on which expenditure of Rs. 797.70 crores has been incurred up to December, 2008 and 87 works are under progress. During 2008-09, a provision of Rs. 180.00 crores has been made and expenditure of Rs. 121.79 crores has been incurred up to December, 2008; Rs. 131.95 crores has been proposed for 2009-10 under Central Road Fund.

NABARD assisted Projects under Rural Infrastructure Development Fund

1. NABARD RIDF-X to XII

15.13 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.

15.14 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.

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

15.16 Expenditure of Rs. 771.62 crore have been incurred up to March, 2008 under NABARD RIDF-X/XI/XII. An expenditure of Rs.22.50 crores is likely to be incurred for WIP works sanctioned under NABARD RIDF-

X/XI/XII during 2008-09. ; Rs. 7.24 crores has been proposed for 2009-10 under NABARD RIDF-X/XI/XII.

Missing Links Project (NABARD RIDF- XIII)

15.17 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. Expenditure of Rs. 72.10 crore have been incurred up to March, 2008 under NABARD RIDF-XIII. An expenditure of Rs.70 crores is likely to be incurred for WIP works sanctioned under NABARD RIDF-XIII during 2008-09; Rs. 20.00 crores has been proposed for 2009-10 under NABARD RIDF- XIII

NABARD RIDF- XIV

15.18 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.

15.19 A new road project to connect religious/tourist places and villages having population 500 and above amounting to Rs.143.08 cr. has been sanctioned under NABARD-RIDF-XIV during 2008-09.

15.20 A new road project amounting to Rs. 101.56 cr. for rehabilitation of 361 damaged Rural roads in a length of 965 km have been sanctioned under NABARD-RIDF-XIV during 2008-09.

15.21 An expenditure of Rs. 52.20 cr. has been incurred under RIDF-XIV up to Dec., 2008. An expenditure of Rs.74.88 crores is likely to be incurred for new works sanctioned under NABARD RIDF-XIV during 2008-09. An amount of Rs. 116.79 crores has been proposed for 2009-10 under NABARD RIDF- XIV.

Table 15.5

S. No.	Programme	Annual Plan 2008-09		Likely Achievement 2008-09		Proposed Annual Plan 2009-10	
		Fin.	Phy.	Fin.	Phy.	Fin.	Phy.
1	WBM to BT-I/II/III/IV	22.00	255	15.00	150	2.00	0

		Annual Plan 2008-09		Likely Achievement 2008-09		Proposed Annual Plan 2009-10	
2	RMUP- I/II/III/V	12.50	180	45.00	500	50.00	400
3	Rural Roads- I/II/III/IV	98.66	486	37.38	307	72.03	350
4	Missing Link Project	106.84	1140	70.00	1000	20.00	140
	Total	240.00	2061	167.38	1957	144.03	890

Land Acquisition (General)

15.22 As per sanctions available for land acquired payment is Rs 1135.52 lacs and payment of Rs, 801.68 lacs has been made by March 2008. During this year, an expenditure of Rs. 10 lac is expected to be incurred against the pending liabilities. A provision of Rs. 10 lacs is proposed for 2009-10 for pending liabilities.

Land Acquisition (PMGSY)

15.23 Villages having population 500 & above in general area and 250 & above in tribal and desert area are being connected by BT under PMGSY. There are such 20 villages having population 1000 & above for which government land is not available for road construction. Out of above villages in case of 10 villages need for forest clearance. Provision for land acquisition is not provided under PMGSY.

15.24 An expenditure of Rs. 485.00 lacs is likely to be incurred during 2008-09 and Rs. 427.42 lacs is proposed for land acquisition payment to Forest Department during 2009-10.

State Road Development Fund

15.25 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 Spirit, commonly known as petrol and high speed diesel oil, at a rate of 50 paise per litre.

15.26 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, to construct and renew various roads including ROB's amounting to Rs. 738.13 crores have been sanctioned since Sept.2004.

15.27 Under State Road Fund, Rs. 263.75 cr. as interest free loan and Rs. 50 cr. as share capital had been given to RIDCOR for Mega Highway Project-I up to March, 08. Rs. 50 cr. is to be given to RIDCOR for MH

during 2008-09. A provision of Rs. 200 crores is proposed for road development works under this head in 2009-10.

SMR- State Highways

15.28 During 2008-09, sanction of 129 works length of 43.22 Km. for construction of cement concrete roads in urban portion of State Highways/Major District Roads in 31 districts was issued. An expenditure of Rs 29.96 crores is likely to be incurred on these works.

15.29 During 2008-09 an expenditure of Rs. 1950 lacs is likely to be incurred on state highway for work in progress and new sanctioned works and Rs. 1445.67 lacs is proposed for WIP works and remaining liabilities during 2009-10.

SMR-Major District Roads and Others

15.30 During 2008-09 an expenditure of Rs. 150.00 lacs is likely to be incurred on Major District Roads for work in progress and new sanctioned works and Rs. 430.00 lacs is proposed for WIP works and remaining liabilities during 2009-10.

Rural Roads

15.31 During this year sanction of 35 works amounting to Rs 36.27 cr. were issued under this head. An expenditure of Rs. 900 lacs is likely to be incurred for WIP and new sanctioned works and Rs. 200 lacs is proposed for WIP works and remaining liabilities during 2009-10.

Rural Roads-PPP

15.32 A new scheme with public participation for connectivity of religious places has been launched as per budget announcement 2008-09. Proposals are to be submitted by public representatives. 75% share of total cost is to be provided by GOR and 25% share would be contributed by public representatives. An expenditure of Rs 2.00 crores is likely to be incurred on the works sanctioned under this scheme.

RAJASTHAN STATE ROAD TRANSPORT CORPORATION (RSRTC)

15.33 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.

15.34 An outlay of Rs. 395.20 crores is proposed for the corporation in the Eleventh Five Year Plan. An expenditure of Rs. 146.40 is likely to be incurred in the year 2008-09 and an amount of Rs. 90.00 crores is proposed in the Annual Plan 2009-10. The entire amount is proposed to be met out through loans from commercial banks and other financial institutions.

15.35 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. 15.6

S. No.	Item	Unit	Targets		
			Eleventh Plan 2007- 12	Annual Plan 2008-09	Annual Plan 2009-10
1	Purchase of new buses	No.	2700	1150	650
2	Operated Kms.	in crore Kms.	305.00	61.25	62.25
3	Fleet utilization	% age	96	97	97
4	Vehicle Utilisation	Per day per bus	371	370	386
5	Load Factor	% age	72.5	71	73
6	Km per Litre	Diesel	5.06	5.00	5.05

Agriculture Marketing Board

15.36 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.

15.37 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.

15.38 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

15.39 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 2008-09 with the expenditure of Rs. 180.00 crores is likely to be

incurred. An amount of Rs. 170.00 crores is proposed for the Board's works in Annual Plan 2009-10.

Rajasthan State Road Development & Construction Corporation (RSRDCC)

15.40 The construction works of Rs. 112.50 crores would be executed by the Corporation during the Eleventh Five Year Plan. An expenditure of Rs. 22.75 crores is likely to be incurred in the year 2008-09 and an amount of Rs. 22.50 crores is proposed in Annual Plan 2009-10 from the internal resources of the Corporation.

Transport Department

15.41 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.

15.42 The State Government is committed to provide Transport facility for every village panchayat by Govt /private vehicles to improve the transport system in coming years.

15.43 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. 52.50 lacs is likely to be incurred by the department in the year 2008-09 and a provision of Rs.55.00 lacs is proposed in Annual Plan 2009-10.