

## 6. TRANSPORT

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### 6.1 ROAD TRANSPORT

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*Outlay- ` 19.22 crore*

6.1.1 Road transport is a vital infrastructure for the development of economy of the state. Goods transport is mainly operated by the private sector and passenger transport is shared between government sector and private sector. Punjab Roadways is a purely government undertaking that provides travelling facilities to the public. An expenditure of ` 4.94 crore was incurred during 11th Five Year Plan. An outlay of ` 86.51 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of ` 15.71 crore for Annual Plan 2012-13, an outlay of ` 19.22 crore is provided for the Annual Plan 2013-14.

The scheme-wise details are as under: -

#### **On Going Schemes**

#### **State Funded Schemes**

**RT-01 Land & Building Upkeep / Upgradation of Infrastructure created and creation of new infrastructure)**

*Outlay- ` 5.00 crore*

6.1.2 The transport department has got infrastructure in the shape of workshops & administrative blocks at 18 places in Punjab roadways depots with area for movement, maintenance of operation of about 100 buses in each depot. PUNBUS buses are also being maintained/accommodated by Punjab Roadways. Renovation/ repair/ special repair of 19 depot buildings is to be undertaken.

6.1.3 An expenditure of ` 0.65 crore was incurred during 11th Five Year Plan. An outlay of ` 13.50 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of ` 2.00 crore during Annual Plan 2012-13, an outlay of ` 5.00 crore is provided for the Annual Plan 2013-14.

**RT-02 Introduction of Computerization in Transport Department**

*Outlay- ` 3.50 crore*

6.1.4 For the computerization of Department of Transport at a total cost of ` 211.18 lac (non commercial wing- ` 157.00 lac + commercial wing ` 54.18 lac) an amount of ` 200.00 lac ACA was released by Government of India during 2005-06. An expenditure of ` 0.22 crore was incurred during 11th Five Year Plan. An outlay of ` 15.00 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of ` 4.00 crore during Annual Plan 2012-13, an outlay of ` 3.50 crore is provided for the Annual Plan 2013-14.

**RT-03/RT-04 Renovation of International Bus Terminal at Youth Hostel of Amritsar**

*Outlay- ` 0.30 crore*

6.1.5 Youth hostel of Amritsar was converted into an international bus terminal and international bus service was started by Punjab Roadways from Amritsar to Lahore and Amritsar to Nankana Sahib. This bus stands immediately needs the installation of flood lights and surveillance systems.

6.1.6 An outlay of ` 1.00 crore is provided for 12<sup>th</sup> Five Year Plan. An outlay of ` 0.30 crore was provided during Annual Plan 2012-13 and an outlay of ` 0.30 crore is provided for the Annual Plan 2013-14.

**RT-04/RT-06 Workshop facilities**

*Outlay- ` 0.40 crore*

6.1.7 The purpose of the scheme is to upgrade the existing workshop facilities/ purchase of new equipment. An outlay of ` 2.00 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of ` 0.40 crore during Annual Plan 2012-13 same outlay of ` 0.40 crore is provided for the Annual Plan 2013-14.

**RT-05/RT-08 Purchase of two Volvo Buses (ACA 2010-11)**

*Outlay – ` 1.00 lac*

6.1.8 For the purchase of two Volvo buses, a token provision of ` 1.00 lac is provided for 12<sup>th</sup> Five Year Plan. Token provision of ` 1.00 lac is provided for 2013-14.

**RT-06/RT-09 Replacement of old Buses**

*Outlay – ` 1.00 lac*

6.1.9 For replacement of 200 buses, an outlay of ` 55.00 crore has been provided for 12<sup>th</sup> Five Year Plan. Token provision of ` 1.00 lac is provided for Annual Plan 2013-14.

**RT-07 Loan to PRTC for purchase of new Buses and construction of Bus stands**

*Outlay- ` 10.00 crore*

7.1.10 An outlay of ` 10.00 crore is provided for Annual Plan 2013-14 for this purpose.

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**6.2 ROADS AND BRIDGES**

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*Outlay- ` 501.00 crore*

6.2.1 The state has big network of 60881 km of roads comprising of 1749 km of national highways, 2112 km major district roads, 4482 km of other district roads and 51059 km of village link roads. All villages in the state were connected with village roads in early 1970's. During the 12th Five Year Plan, 5 national highway of 893 km road length of Zirakpur – Bathinda, Jalandhar – Dhilwan, Amritsar – Shri Ganga Nagar, Jalandhar – Jind Road and Kharar – Ludhiana Road will be upgraded to 4/6 lanning under Public Private Partnership. Once these works are completed nearly the entire network of national highways will have been upgraded 4/6 lanes.

6.2.2 The progress as regards the state highways and major district roads has also been equally impressive. 9 roads of 520 km length were upgraded on BOT basis at a cost of ` 620 crore. During the 12th Five Year Plan, there is proposal to construct and upgrade 575 km of road length under BOT basis at an estimated cost of ` 2400.00 crore. Besides, 27 ROBs/RUBs and 10 High Level Bridges and construction of bye-passes in major towns will also be taken up during the next few years.

6.2.3 An expenditure of ` 2470.71 crore was incurred during 11th Five Year Plan. An outlay of ` 3664.38 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of ` 411.35crore for Annual Plan 2012-13, an outlay of ` 501.00 crore is provided for the Annual Plan 2013-14.

## **On going Schemes**

### **Centrally Sponsored Schemes**

#### **RB-01 World Bank Scheme for Road Infrastructure (75:25)**

*Outlay- ` 200.00 crore*

#### 6.2.4 Details of World Bank Scheme for Road Infrastructure

- **Financial Status**

○ Total Project Cost	-	` 1500 Crore
○ World Bank Funding 75%	-	` 1125 Crore
○ G.O.P. Funding 25%	-	` 375 Crore
○ Period	-	2007-12
○ Extended period	-	Upto 2017

- **Total Receipts** - **` 847.29 Crore**

○ World Bank Share	-	` 604.69 Crores
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- G.O.P. Share - ₹ 242.60 Crores
- **Expenditure** - ₹ 837.28 Crores (upto 31<sup>st</sup> Dec., 2012)
- **Physical Status Phase-I**

The Phase-I of project consisted of following works:-

- i) Upgradation of 152 Km of state roads
- ii) Rehabilitation of 205 Km of roads
- iii) Periodic Maintenance of 350 Km of roads.
- All the Upgradation, Rehabilitation and Periodic Maintenance works (702 km of state roads at a cost of ₹ 775 Cr approx.) stand completed.
- **Phas-II of the project**

<b>Sangrur-Mansa-Bathinda Contract Area</b>			
<b>Road Section No.</b>	<b>Road Section/Name</b>	<b>Classification</b>	<b>Length (kms)</b>
S1	Sangrur-Sunam: (MDR21)	MDR	11.30
S2	Bhawanigarh-Sunam-Bhikhi-SH13 Intersection-Kotshamir: (SH12A)	SH	106.13
S3	Barnala-Mansa: (SH13)	SH	7.29
S4	Mansa-Talwandi Sabo-Ramtirath Jaga : (ODR9)	ODR	24.97
S5	Dhanaula-Bhikhi : (MDR14)	MDR	25.34
B8	Bathinda-Kotshamir-Talwandi Sabo-Ramtirath Jaga: (SH17)	SH	28.65
<b>Total Contract Length – km</b>			<b>203.68</b>

- Work stands allotted to the Contractor on 22.10.2012 and is in progress.

6.2.5 An expenditure of ₹ 927.30 crore was incurred during 11th Five Year Plan. An outlay of ₹ 424.38 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of ₹ 136.34 crore for Annual Plan 2012-13, an outlay of ₹ 200.00 crore is provided for the Annual Plan 2013-14.

**RB-02 NABARD Assisted Project-Construction/Widening of Roads and construction of bridges and infrastructure -RIDF (V-XII) (XIII-XVI)**

*Outlay -Rs 200.00 crore*

6.2.6 To strengthen the road infrastructure in the rural areas in the state through widening/four-laning and construction of bridges to meet traffic requirements of the 21<sup>st</sup> Century, several projects have been sanctioned by NABARD. For this purpose, 80% will be contributed by NABARD through RIDF on reimbursement basis and 20% is to be provided by the state as its share.

- **Works completed during 11<sup>th</sup> Five Year Plan (2007-12) :**
  - Upgradation - 2268 kms. of length of rural roads and 59 Nos bridges - Rs.1013 crores
  - Upgradation - 89 kms. of road length - ` 41 crore
- **Works completed during 2012-13**
  - Upgradation - 306 kms. Length of Rural roads and 9 Nos bridges - ` 35 crore
  - Upgradation - 40 kms of road length - ` 7 crore

6.2.7 An expenditure of ` 1024.07 crore was incurred during 11th Five Year Plan. An outlay of ` 1550.00 crore has been provided for 12<sup>th</sup> Five Year Plan. An expenditure of ` 210.00 crore incurred during 2011-12. Against an outlay of ` 150.00 crore for Annual Plan 2012-13, an outlay of ` 200.00 crore is provided for various projects in the Annual Plan 2013-14.

**RB-03 Central Road Fund (CRF)**

*Outlay - ` 70.00 crore*

6.2.8 The expenditure under this scheme is met from the funds provided by the Government of India. The allocation of works is sanctioned by Ministry of Surface Transport, Government of India under this scheme.

6.2.9 Punjab contributes about ` 600 crore per year in terms of levy of cess of ` 1.5 per litre on diesel and petrol to Central Road Fund. However, the formula of allocation of funds under CRF was altered to the disadvantage of the state in the year 2010. As per earlier formula, the weightage was given to the states for area and fuel consumption in the ratio of 40:60, now this ratio has been changed to 70:30. Due to this change, the state has to bear loss upto 35% of the annual accrual. In this regard, request has already been made to GoI that earlier formula for allocating funds may be restored.

- **Works completed during 11<sup>th</sup> Five Year Plan (2007-12) :**
  - Upgradation - 442 kms. of state roads (SH & MDR) - ` 370 crores
- **Works completed during 2012-13**
  - Upgradation - 125 kms. of State Highways - ` 62 crore

6.2.10 An expenditure of ₹ 379.38 crore was incurred during 11th Five Year Plan. An outlay of ₹ 450.00 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of ₹ 70.00 crore during Annual Plan 2012-13 same outlay of ₹ 70.00 crore is provided for the Annual Plan 2013-14.

### **State Funded Schemes**

#### **RT-04/RB-06 Improvement/Widening of existing roads**

*Outlay - ₹ 20.00 crore*

6.2.11 To reduce the traffic congestion on major highways by widening/strengthening the existing roads the scheme for land acquisition for identified corridors is being implemented in the plan budget. The acquisition of land for the Chandigarh-Ludhiana Highway is being proposed to be taken up. No expenditure had been incurred during 10<sup>th</sup> Plan period. The funds under this scheme will be released on the condition that this amount shall be recovered by Public Works Department by way of levying cess on the sale/purchase and development activity being carried out by the private parties on the frontiers abutting PWD roads.

6.2.12 An expenditure of ₹ 17.41 crore was incurred during 11th Five Year Plan. An outlay of ₹ 520.00 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of ₹ 30.00 crore during Annual Plan 2012-13, an outlay of ₹ 20.00 crore is provided for the Annual Plan 2013-14.

#### **RB-04(i)/RB-06(i) Land acquisition for Identified Corridors.(PMGSY)**

*Outlay- ₹ 1.00 crore*

6.2.13 In order to avail central funds for Pradhan Mantri Gramin Sadak Yojana (PMGSY) for widening and improvement of existing roads, an amount of ₹ 185 crore was required for acquisition of 870 acres out of which ₹ 100.00 crore has been released by PIDB during 11<sup>th</sup> Plan.

6.2.14 An expenditure of ₹ 97.25 crore was incurred during 11th Five Year Plan. An outlay of ₹ 200.00 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of ₹ 1.00 crore during Annual Plan 2012-13 same outlay of ₹ 1.00 crore is provided for the Annual Plan 2013-14.

#### **RB-04(ii)/RB-06(ii) State Share for upgradation of Roads under PMGSY**

*Outlay - ₹ 5.00 crore*

6.2.15 The following two types of state share is required under PMGSY:-

One time state share of ` 29.93 crore required under Phase-VIII works as per revised guidelines of PMGSY. The roads completed under PMGSY are required to be maintained by the state. This requirement occurs annually.

6.2.16 An expenditure of ` 12.03 crore was incurred during 11th Five Year Plan. An outlay of ` 75.00 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of ` 23.88 crore during Annual Plan 2012-13, an outlay of ` 5.00 crore is provided for the Annual Plan 2013-14.

**RB-04(iii)/RB-06(iii) State Share for maintenance of Roads under PMGSY**

*Outlay – ` 5.00 crore*

6.2.17 Under this scheme State share will be provided for maintenance of roads under PMGSY programme. For this purpose, an outlay of ` 425.00 crore was provided in the 12<sup>th</sup> Five Year Plan. Against an outlay of ` 0.12 crore during Annual Plan 2012-13, an outlay of ` 5.00 crore is provided for the Annual Plan 2013-14.

**RB-08 Upgradation, widening and strengthening of Majitha - Kathu Nangal-Tahli Sahib road and Wadala-Verram Kotla Gujjram Road (PIDB)**

*Outlay- Nil*

6.2.18 An expenditure of ` 12.27 crore was incurred during 11<sup>th</sup> Five Year Plan. An expenditure of ` 1.18 crore was provided during 2012-13 to pay of the pending liability.

**100% Centrally Sponsored Scheme**

**CS-1 Pradhan Mantri Gramin Sadak Yojana (PMGSY)-100%**

*Outlay – ` 350.00 crore*

6.2.19 Pradhan Mantri Gramin Sadak Yojana, a 100% centrally sponsored scheme, was launched in the country by the Government of India in December 2000, 50% of the cess on high speed diesel (HSD) is earmarked for the programme. Under this scheme, first link (connectivity) is to be provided to all connected habitations having population 500 or more in the rural areas.

6.2.20 Keeping this object in view the Core Networking having 25330 km length of Rural Through Routes and Rural Link Routes has been prepared by the State Govt. in the year 2003 as per GoI instructions The detail of the Core Network roads is as under:-

- o Through Routes (T-Routes) - 7582 Km
- o Link Routes (L-Routes) - 17748 Km

6.2.21 In Link Routes approximate 1508 km length of new construction of rural roads is also included and remaining 16240 Km length are existing link routes. Through Routes are connecting the villages, marketing centres, small towns and main cities. Link

Routes are linking the 1 or 2 habitants/villages to Through Routes or main roads. All the identified Through Routes are existing rural roads.

**Progress is as under:-**

- **Phase-I to Phase-VII** (All works of Phase-I Phase-VII stands completed)
  - Total works - 658 works
  - Total length - 3530.53 Km
  - New connectivity - 436 works – length 820.13 Km
  - Upgradation/balance works - 222 works length – 2710.40 Km
  - Expenditure - ` .1051.37 Crores (till Dec., 2012)
- **Phase-VIII**
  - Works approved - 71 works – 925.92 Km length – cost ` 432.58 crore
  - Works completed - 65, in progress – 1
  - Expenditure incurred - Rs.351.18 crore (upto Dec., 2012)
  - Works yet to be allocated - 5
- **Phase-IX (Border Area Project)**
  - Total works - 36 roads, length – 499.37 Km, estimated cost ` 235.36 cr
  - i. Under Regular PMGSY (16 Works) - Rs.86.14 Cr  
All the works stands allotted and are in progress.
  - ii. Under World Bank funded RRP-II (20 Works) - Rs.149.22 Cr  
All the works stands allotted and are in progress.
- **Phase-X – Batch-I (2010-11)**
  - Total works approved - 61 roads, estimated cost of ` 339.31 Crores
  - Works awarded - 53 works
  - Under tendering process - 8 works.
- **Phase-XI (2012-13)**
  - Upgradation – road length – 1092.88 Km, estimated cost of ` 670.51 crores
  - Stands submitted to MoRD. The approval of GoI is awaited.

**Physical achievements during last 3 years (Upgradation)**

SN	Year	Target	Achievement(Km)
1	2009-10	500.00	71.00



2	2010-11	500.00	628.71
3	2011-12	593.00	71.76
4	2012-13	165.00	245

**Physical targets for next 2 years**

SN	Year	Target (Km)
1	2013-14	800.00
2	2014-15	800.00

**Financial achievements during last 3 years**

(` in Cr)

SN	Year	Last year Balance	Financial Allocation	Fund received	Fund released	Total funds available	Funds utilized	Funds utilized (%age)
1	2009-10	22.00	250.00	348.42	348.42	370.42	322.63	87%
2	2010-11	49.49	250.00	194.43	194.43	242.22	155.34	64%
3	2011-12	86.88	250.00	164.61	164.61	251.49	61.49	25%*
4	2012-13	190.00	213.00	35.00	35.00	225.00	155.69 (Till Feb., 2013)	69.19%**

\* The bid document was finalised only in May, 2011 & the work started in Nov., 2011.

\*\* Low financial progress due to late release of funds from GoI.

6.2.22 An expenditure of `1177.43 crore was incurred during 11th Five Year Plan. An outlay of `2000.00 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of `350.00 crore during Annual Plan 2012-13, same outlay of `350.00 crore is provided for the Annual Plan 2013-14.

**CS-2 Inter State Connectivity Scheme for construction of missing link, widening and strengthening of roads (100%)**

*Outlay `5.00 crore*

6.2.23 A 100% centrally assisted scheme has been inducted in the Annual Plan 2009-10 with the aim to connect the state with neighbouring states by construction of missing links, widening and strengthening of roads.

6.2.24 An expenditure of `19.44 crore was incurred during 11th Five Year Plan. An outlay of `50.00 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of `10.00 crore during Annual Plan 2012-13, an outlay of `5.00 crore is provided for the Annual Plan 2013-14.

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## 6.3 CIVIL AVIATION

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*Outlay – `45.00 crore*

6.3.1 Shaheed Bhagat Singh International Airport is being set up at Chandigarh by the government of India in collaboration with the state governments of Punjab and Haryana. State Government has requested the Ministry of Civil Aviation and Ministry of Defence to permit international airlines to start flights from this airport immediately since the entire infrastructure is ready and the airport has already been notified as a customs airport. Shri Guru Ram Dass Ji International Airport, Amritsar has already been upgraded by Airport Authority of India for which the state has contributed 43 acres of land in addition to the 168 acres contributed earlier to set up the airport. A Civil Airport has been also set up at Sahnewal in Ludhiana District. Additional 7.5 acre of land to Airport Authority of India for installing modern landing aids. AAI has also been requested to extend the runway for allowing bigger aircraft to land here to serve the demand of this Industrial hub. 39 acres of land has been acquired for Civil Enclave at Air Force Station Bathinda. The work is under progress and the airport would become functional very soon. The state government proposes to upgrade the 2 flying academies at Patiala and Amritsar at a cost of ` 5 crore in the Annual Plan 2012-13. There is also a proposal to start two more flying academies at Talwandi Sabo and Faridkot in Public Private Partnership mode. In the 12th Five Year Plan, there is a proposal to construct a civil enclave at Indian Air Force Station at Adampur near Jalandhar and start domestic flights. A request has already been made to Ministry of Defence for obtaining their NOC for this project.

6.3.2 An expenditure of `493.50 crore was incurred during 11<sup>th</sup> Five Year Plan. An outlay of `9.04 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of `9.02 crore during 2012-13, an outlay of `45.00 crore is provided in the Annual Plan 2013-14.

The scheme-wise details are as under:

### **On Going Schemes**

#### **State Funded Schemes**

**AV-01 AV-1 Extension of existing Air Fields & Airports & Construction of new Airports & Heliports in Punjab and Acquisition of Land.(Scheme AV-01 and AV-03 merged).**

*Outlay - ` 5.00 crore*

6.3.3 The main objective of the scheme is strengthening and extension of aerodromes which include improvement/widening of taxi track, construction of boundary wall around aerodromes, payment of compensation for land purchased for construction of airports as well acquisition of land at Faridkot and Adampur for development of airfield and construction of civil enclave in the state.

6.3.4 An expenditure of ` 478.52 crore was incurred during 11<sup>th</sup> Five Year Plan. An outlay of ` 5.00 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of ` 5.00 crore during Annual Plan 2012-13 same outlay of ` 5.00 crore is provided for the Annual Plan 2013-14.

**AV-02 Upgradation of Training and Infrastructure facilities at the Flying Institutes of the State of Pnjab and aircraft maintenance – (AV-2 Upgradation of Flying Training facilities at Aviation Club-Patiala) (renamed)**

*Outlay - ` 5.00 crore*

6.3.5 The main objective of the scheme is Purchase of Trainer of Aircraft for flying training Insitute. Purchase of Aircraft for Aircraft Maintenance Engineering College, Patiala & Salaries of Instructor and other Staff of flying Academies and Aircraft Maintenance College, Patiala

6.3.6 An expenditure of ` 14.98 crore was incurred during 11<sup>th</sup> Five Year Plan. An outlay of ` 2.00 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of ` 2.00 crore during 2012-13, an outlay of ` 5.00 crore is provided in the Annual Plan 2013-14.

**AV-03 Purchase of New Aircraft & Helicopter for the use of VVIP of the State – (AV-4 Purchase of VIP Helicopters and AV-5 Purchase of New Fix Wing Jet Aircraft Helicopter)(merged & renamed).**

*Outlay – ` 35.00 crore*

6.3.7 The main purpose of the scheme is Purchase of Fixed wing Jet aircraft for the VVIPs of the State. An outlay of ` 2.04 crore has been provided for 12<sup>th</sup> Five Year Plan. Against an outlay of ` 2.00 crore during 2012-13, an outlay of ` 35.00 crore is provided in the Annual Plan 2013-14.