

8. TRANSPORT

11th Plan outlay - Rs. 5870.00 lac
Annual Plan 2007-08 outlay - Rs. 760.00 lac

8.1 ROAD TRANSPORT

8.1.1 Road Transport is a vital infrastructure for the development of economy of the State. The goods transport is mainly operated in the private sector and passenger transport is shared between Govt. sector and private sector. Punjab Roadways is a purely Government undertaking that provides travelling facilities to the public. An expenditure of Rs. 444.83 lac has been incurred during 10th Five Year Plan against the approved outlay of Rs. 3525.00 lac. An outlay of Rs. 5870.00 lac for the 11th Five Year Plan (2007-12) and an outlay of Rs 760.00 lac have been provided for the Annual Plan 2007-08 under this sub-head. The scheme-wise details are as under: -

On Going Schemes **State Funded Schemes**

RT 1/RT 2(1) (a) Land & Building **(Upkeep / Upgradation of Infrastructure created)**

11th Plan outlay - Rs500.00 lac
Annual Plan 2007-08 outlay - Rs. 100.00 lac

8.1.2 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. The building of the Employees Training School at Chandigarh is incomplete and requires immediate completion. Proper up keeping of land and buildings of various depots is urgently required to provide immediate maintenance and operational services.

8.1.3 An expenditure of Rs. 82.50 lac has been incurred during 10th Five Year Plan against the approved outlay of Rs.20.00 lac. For proper upkeep of land & buildings & workshops an outlay of Rs. 500.00 lac and Rs. 100.00 lac has been provided for the 11th Five Year Plan (2007-12) and Annual Plan 2007-08 respectively.

RT 2/RT-6 Introduction of Computerization in Transport Department **(ACA -2005-06)**

11th Plan outlay - Rs. 200.00 lac
Annual Plan 2007-08 outlay - Rs. 200.00 lac

8.1.4 The Department of Transport had mooted a proposal of computerization of the Commercial Wing and Non Commercial Wing at a total cost of Rs.211.18 lac (Non Commercial Wing- Rs.157.00 lac + Commercial Wing Rs.54.18 lac) against which an amount of Rs.200.00 lac of ACA was released by Planning Commission Govt. of India during 2005-06. This amount could not be released during 2005-06 & 2006-07 due to paucity of funds. In order to utilize the same in the Annual Plan 2007-08, an outlay of Rs. 200.00 lac has been provided each for the 11th Five Year Plan (2007-12) and Annual Plan 2007-08.

RT 3/RT -7 Grant in aid to State Road Safety Council for Road Safety measures (ACA -2006-07)

11th Plan outlay - Rs. 150.00 lac
Annual Plan 2007-08 outlay - Rs. 150.00 lac

8.1.5 The purpose of this scheme is to strengthen the road safety measures and to give immediate relief to the accident victims. In the Annual Plan 2006-07, Additional Central Assistance of Rs.150.00 lac was provided by Government of India but could not be released due to paucity of funds. In order to utilize the same in the Annual Plan 2007-08, an outlay of Rs. 150.00 lac has been provided each for the 11th Five Year Plan (2007-12) and Annual Plan 2007-08 respectively.

RT-4/RT-2(ii) Renovation of International Bus Terminal at Youth Hostel of Amritsar.

11th Plan outlay -Rs.20.00 lac
Annual Plan 2007-08 outlay -Rs. 10.00 lac

8.1.6 The renovation and upgradation of International Bus Terminal at Youth Hostel of Amritsar was completed in 2005-06. An amount of Rs.89.01 lac was incurred during 10th Five Year Plan. Youth Hostel of Amritsar was converted into International Bus Terminal. The entire electrical system and plastering of the building of this hostel has damaged badly due to short circuit and rendered the electrical appliances unserviceable To overhaul the entire electrical system and other repairs of the building an outlay of Rs.20.00 lac and Rs.10.00 lac has been provided for the 11th Five Year Plan (2007-12) and Annual Plan 2007-08 respectively.

New Schemes

State Funded Schemes

**RT 5 Funds for Pepsu Road Transport Corporation(PRTC)
(State Govt. Equity Share Capital)- For replacement of Buses**

11th Plan outlay - Rs. 5000.00 lac
Annual Plan 2007-08 outlay - Rs. 300.00 lac

8.1.7 Since the inception of State Road Transport Undertakings in the country under Road Transport Corporations Act, 1950, the Central Government from time to time was providing financial contribution to support investment programme of the State Road Transport Undertakings. The Central Government Capital Contribution to this Corporation was discontinued from 1987-88. Similarly the State Government has also discontinued provision of Capital Contribution to PRTC from 1994-95. As a result, the Corporation could not replace its overaged fleet and create any development of infrastructure which counteracted the efficiency and profitability of the Corporation. Therefore, there is a urgent need to upgrade the Public Transport System to an extent where it provide an alternative to personalized transport. Recognizing all the problems being faced by the PRTC, it has been decided to provide funds in the shape of State Govt. Equity Share Capital for replacement of Buses of PRTC. An outlay of Rs. 5000.00 lac and Rs. 300.00 lac has been provided for the 11th Five Year Plan (2007-12) and Annual Plan 2007-08 respectively.

8.2 ROADS AND BRIDGES

*11th Plan Outlay -Rs. 274010.00 lac
Annual Plan 2007-08 - Rs. 60510.30 lac*

8.2.1 The Punjab has an extensive network of roads comprising of 1717 km of National Highways, 7374 km of State Highways and other roads and 42070 km of village link roads. The State Government has rehabilitated 11 important roads of 426 km length at a cost of Rs.178 crore. A total of 4500 km new village link roads were constructed in the last 2 years of the 10th Plan. All village link roads that were due for repair have been repaired.

8.2.2 Roads and communication network hold the key to the overall growth of economy. They are an essential part of the basic infrastructure for promotion of agriculture, industry, trade and business etc. To provide proper infrastructure facilities for the promotion of various sectors, stress has been laid on the widening, strengthening, improvement and expansion of the existing road network and further developing the capacity/quality of the roads in the State.

8.2.3 To achieve these objectives, besides the plan provision, substantial funds raised through institutional finance by the Punjab Roads and Bridges Development Board, Punjab Infrastructure Development Board, and funds from other agencies like NABARD are also made available. Besides, steps have been taken to attract private investment in this sector.

8.2.4 Punjab is one of the first State in the Indian Union to have connected its villages with metalled roads i.e. 100% connectivity with rural areas.

The main features of road network in Punjab are as under:-

1	National Highways(NH)	(‘A’)		1717 KM
2	Plan Roads			
(i)	State Highways(SH)		:1485KM	
(ii)	Major District Roads(MDR)		:1808KM	
(iii)	Other District Roads(ODR)		:4081KM	
	Total Plan Road Length	(‘B’)		7374 KM
3	Rural Link Roads	(‘C’)		42070 KM
4	Urban Roads	(‘D’)		8130 KM
5	Project Roads	(‘E’)		1534 KM
	Total Network Length (A+B+C+D+E)			60825 KM

8.2.5 In the 10th Plan, an expenditure incurred was Rs.105374.15 lac. In the Annual Plan 2006-07, the expenditure incurred was Rs.36557.69 lac.

On going Schemes

Centrally Sponsored Scheme

RB-1/RD 5.6 World Bank Scheme for Road Infrastructure

*11th Plan Outlay - Rs. 145000.00 lac
Annual Plan 2007-08 - Rs. 27500.00 lac*

8.2.6 The total cost of this project is Rs.150000.00 lac out of which 75% would be World Bank Assistance and balance 25% will be State share. This project will be executed in two phases in a period of 5 years and will cover about 1100 K.M of Roads. The MoU is signed on 26/2/2007. Based upon the urgent needs, the roads for Phase-I(approximately 425 K.M) shall be pre selected by Government of Punjab. The Phase-II roads shall comprise about 675 K.M. The share of the World Bank Assistance shall only be in the form of reimbursement of incurred expenditure.

8.2.7 A State Level Empowered Committee under the chairmanship of Chief Secretary to Government Punjab and a Project Steering Committee under the chairmanship of Secretary to Government, Punjab, Department of PWD (B&R) have been constituted to guide and monitor the project preparation. An amount of Rs. 10000.00 lac had been provided in the Annual Plan 2006-07 under this scheme, the expenditure incurred was Rs. 2577.00 lac An expenditure of Rs. 3370.00 lac had been incurred during 10th Five Year Plan period.

RB-2/ RD- 5.8 NABARD assisted project for construction /widening of roads and construction of bridges and Building Infrastructure RIDF-(V-XII)

*11th Plan Outlay- Rs. 50000.00 lac
Annual Plan 2007-08- Rs.26000.00 lac*

8.2.8 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 21st Century, several projects have been sanctioned by NABARD. For this purpose, 90% will be contributed by NABARD through RIDF on reimbursable basis and 10% is to be provided by the State as its share. In the 10th Plan, the expenditure incurred was Rs.70761.00 lac. In the Annual Plan 2006-07 the expenditure incurred was Rs.25227 lac. The RIDF wise proposed back log funds for the Annual Plan 2007-08 is as under: -

Rs in lac				
SN	Name of the Scheme	Funds against project cost	Escalation	Total
1	RIDF- VI	2633.00	000.00	2663.00
2	RIDF-VII to IX(I)	1681.00	451.00	2132.00
3	RIDF- X	5987.00	1273.00	7260.00
4	RIDF- XII,XII(I)andXII(II)	26135.00	000.00	26135.00
	Total	36465.00	1723.00	38188.00

RB-3/RD 5.1 Central Road Fund

*11th Plan Outlay – Rs. 40000.00 lac
Annual Plan 2007-08 – Rs. 7000.00 lac*

8.2.9 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. An outlay of Rs.20000.00 lac had been provided for the 10th Five Year Plan (2002-07) against which an expenditure of Rs.19084.31 lac has been incurred during 2002-07 and Rs. 6291.00 lac was incurred in 2006-07.

State Funded Schemes

RB-4/RD 5.5 Road Safety Measures on State Roads

*11th Plan Outlay - Rs. 2000.00 lac
Annual Plan 2007-08 - Rs. 10.00 lac*

8.2.10 For implementation of traffic measures for safety of road users in compliance to orders of Hon'ble Punjab and Haryana High Court, an

expenditure of Rs. 250.00 lac incurred during 10th Five Year Plan for the following activities:-

- (1) Construction of Rumble Strips
- (2) Improvement of junctions
- (3) Installation of speed limit sign boards
- (4) Providing/maintenance of Zebra crossings
- (5) Installation of traffic sign boards

RB-5/ RD1.2 (iii) Land acquisition for Identified Corridors and Improvement /Widening of existing roads.

11th Plan Outlay - Rs.100.00 lac
Annual Plan 2007-08 - Rs. 0.10 lac

8.2.11 To reduce the traffic congestion on major highways by widening/strengthening the existing roads is 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 10th 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. This scheme has been admitted in the token provision in the Annual Plan 2007-08 for further implementation of the State.

RB-6/RD-4.1 Bridges

11th Plan Outlay - Rs 100.00 lac
Annual Plan 2007-08 - Rs 0.10 lac

8.2.12 It is proposed to give top priority to repair/replacement of damaged and unsafe bridges. This scheme has been admitted in the token provision in the Annual Plan 2007-08 for further implementation of the State.

New Scheme

RB-7/ RD- 5.8 NABARD assisted development project for construction/ widening of roads and construction of bridges and Building Infrastructure (RIDF-XIII)

11th Plan Outlay - Rs 36810.00 lac
Annual Plan 2007-08 - Rs 0.10 lac

8.2.13 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 21st Century. RIDF-XIII projects are under consideration of NABARD. For this purpose, 90% share will be contributed by NABARD on

reimbursable basis and 10% share is to be provided by the state. This scheme with a provision of 0.10 lac has been proposed for the Annual Plan 2007-08 to implement new projects to be sanctioned under RIDF-XIII.

Centrally Sponsored Scheme

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

11th Plan Outlay - Rs 250000.00 lac
Annual Plan 2007-08 - Rs 50000.00 lac

8.2.14 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 by the year 2007. Approximately 42000 Kilometers of rural linked roads connecting the villages and marketing yards are being looked after by Government of Punjab from its own resources and under PMGSY. As per the guidelines of PMGSY, the identified Core Network of 7487 Kilometers needs to be upgraded, which requiring Rs.120000.00 lac approximately. The expenditure incurred during 10th Plan was Rs. 20591.00 lac. In the Annual Plan 2006-07 the expenditure incurred was Rs. 7113.90 lac.

8.3 CIVIL AVIATION

11th Plan outlay - Rs. 20300.00 lac
Annual Plan 2007-08 outlay - Rs. 3377.74 lac

8.3.1 The Department of Civil Aviation was set up in Punjab in the year 1962 with a view to make people of the state conversant with aviation and flying. After re-organisation of the State, four Flying Clubs at Patiala, Ludhiana, Amritsar and Jalandhar came to Punjab share. These Flying Clubs are providing flying training for Private Pilot License, Commercial Pilot License, Assistant Flight Instructor's Rating and Flight Instructor's Rating. Clubs have also started simulator training on the simulator provided by the Director General Civil Aviation(D.G.C.A). New Delhi. An amount of Rs. 96.02 lac has been incurred during 10th Five Year Plan against the approved outlay of Rs. 350.00 lac. An outlay of Rs. 20300.00 lac has been provided for the 11th Five Year Plan (2007-12) and an outlay of Rs.3377.74 lac for the Annual Plan 2007-08. The scheme-wise details are as under: -

On Going Schemes

State Funded Schemes

**AV 1/ AV 2.1 Extension and Construction of Aerodromes
(Payment of enhanced cost of land- Court Case)**

11th Plan outlay - Rs. 800.00 lac
Annual Plan 2007-08 outlay - Rs. 377.74 lac

8.3.2 The main objective of the scheme is to strengthen 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 in the State. An amount of Rs.96.02 lac has been incurred during 10th Five Year Plan against the approved outlay of Rs. 100.00 lac. An outlay of Rs.800.00 lac for the 11th Five Year Plan (2007-12) and an outlay of Rs.377.74 lac has been provided for the Annual Plan 2007-08 to make a payment of compensation of enhanced cost of land, pursuant to a court orders in the case of International Airport at Amritsar.

**AV 2 / AV 3.1 Upgradation of Flying Training facilities at Patiala-
Aviation Club, Patiala (ACA -2007-08)**

11th Plan outlay - Rs. 2000.00 lac
Annual Plan 2007-08 outlay - Rs. 400.00 lac

8.3.3 Under this scheme, upgradation of Flying Training facilities at Patiala to impart better night and instrument flying training will be taken. These include high landing facility at Patiala Aviation Complex, for which Runway Lighting Non Directional Beacon (NDB) and Distance Measuring Equipment-cum-Very High Frequency Omni Range (DVOR) would be purchased, besides, purchase of two Cessna-172 advanced aircrafts.

8.3.4 An outlay of Rs. 2000.00 lac and Rs. 400.00 lac has been provided for the 11th Five Year Plan (2007-12) and Annual Plan 2007-08 respectively.

New Schemes

State Funded Schemes

AV 3 Expansion of International Airport, Amritsar and Sahnewal

11th Plan outlay - Rs. 12500.00 lac
Annual Plan 2007-08 outlay - Rs. 2500.00 lac

8.3.5 Hon'ble Prime Minister of India had announced on 20/12/2006 at Amritsar that the International Airport Amritsar will be upgraded/expanded to the International levels. The Ministry of Civil Aviation Govt. of India, is yet to communicate the detail and the status of the project. Sahnewal Airport strip near

Ludhiana will also be developed as a domestic Airport for which study report has been commissioned.

8.3.6 An outlay of Rs.12500.00 lac and Rs. 2500.00 lac has been provided for the 11th Five Year Plan (2007-12) and the Annual Plan 2007-08 respectively.

AV 4 Acquisition of land for development of Civil Enclave at Indian Air Force Station, Bhatinda and opening of Flying Training Academy – near Bhatinda.

*11th Plan outlay - Rs.5000.00 lac
Annual Plan 2007-08 outlay -Rs. 100.00 lac*

8.3.7 The Department of Civil Aviation, Punjab has explored the possibility of setting up a separate air field in Bathinda area which can cater to the needs of Mega Projects in this area, like upcoming Bathinda Refinery, Fertilizers Plant of NFL, new Power Stations and Petro Chemical hub being negotiated for this region and for setting up of a Flying Training Institute, in this region. The Department has also a proposal to develop a Civil Enclave at Indian Air Force Station Bathinda on the pattern of Chandigarh and Pathankot. For this purpose an outlay of Rs.5000.00 lac and Rs.100.00 lac has been provided for the 11th Five Year Plan (2007-12) and Annual Plan 2007-08 respectively.

8.4 PUNJAB INFRASTRUCTURE DEVELOPMENT BOARD

*11th Plan outlay - Rs. 134300.00 lac
Annual Plan 2007-08 outlay - Rs. 22000.00 lac*

On Going Schemes

State Funded Schemes

PIDB 1/I 1 Creation of infrastructure in the State

*11th Plan outlay - Rs. 134300.00 lac
Annual Plan 2007-08 outlay - Rs. 22000.00 lac*

8.4.1 With a view to create high quality new infrastructure facilities and for the up-gradation of the existing infrastructure facilities, the Government of Punjab enacted 'The Punjab Infrastructure (Development & Regulation) Act, 2002' which was notified on July 11th.2002. This Act provides a regulatory framework which provides clear guidelines for all aspects for infrastructure development from the conception to the implementation through structure of Private Participation based on commercially accepted principles such as Build Operate and Transfer(BOT), Build Operate Own(BOO) Build Own Operate

Transfer (BOOT). The Act provides for the continuation of the Punjab Infrastructure Development Board (PIDB), Punjab Infrastructure Fund (PIF) and the Punjab Infrastructure Initiative Fund (PIIF). PIDB has been created with the following objectives:-

- (1) Carrying out pre-feasibility studies for potential infrastructure projects;
- (2) Carrying out technical viability surveys and preparation of economic feasibility reports;
- (3) Develop a shelf of need based, viable and investible projects for implementation under the aegis of PIDB.

8.4.2 The Punjab Infrastructure Development Board (PIDB) a high powered statutory body with Chief Minister as its Chairman, is responsible for:

- (1) Overall development planning;
- (2) Policy formulation and regulation;
- (3) Single window approvals and award of concessions for state infrastructure projects.

8.4.3 The PIDB is funded through 1% infrastructure fee on, agricultural produce except fruits, vegetables and pulses and Rs.1 per litre on petrol which constitutes Punjab Infrastructure Development Fund.

8.4.4 PIDB has implemented 35 projects at a total cost of Rs. 62422.00 lac and attracted a private investment to the tune of Rs. 41300.00 lac (approx) which include

- (1) 9 ITIs , 3 Polytechnics, in PPP mode
- (2) 3 Bus Terminals (and O&M of 8 bus terminals)
- (3) Restoration and rehabilitation of Quila at Nabha,
- (4) 9 BOT road projects and O&M of 2 road corridors involving private investment to the tune of Rs. 542 crore.
- (5) 9 road corridors on BOT basis, with road length of 518.44 kms.
- (6) Construction of 31 Railway Over Bridges (ROBs)/ Railway Under Bridges(RUBs) in the State in Engineering, Procurement and Construction Mode (EPC),
- (7) Construction work (in progress) on 23 no. Railways Over Bridges(ROBs) at a cost of Rs. 290.00 crore (State share)
- (8) 2 no. ROBs are likely to be awarded soon.

The detail of the projects to be taken up during the 11th Five Year Plan (2007-12) is as under :-

- (1) Bye-passes - SAS Nagar (Mohali) ,Bathinda
- (2) 3 no. High Level Bridges (HLBs) over River Sutlej, Ropar Bypass with bridges over Sirhind Canal,

- (3) 4-laning within Nawanshahr Town, Sirhind-Morinda-Ropar road, Hoshiarpur - Phagwara road,
- (4) 6/8 Lane Express Highways,
- (5) Mass Rapid Transport System for Ludhiana, Amritsar, Jalandhar and Modern Truck Terminals in the State etc.
- (6) Bus Terminals - Hoshiarpur , Jagraon,
- (7) Convention Centre at Amritsar, Institute of Hotel Management at Mohali, Integrated Multi-Dimensional Tourist Project at Kurali, Floating Restaurant at Sirhind, Tourist Complex Nangal, Fast Food Counter Ropar, Morinda, Tourist Complex Kartarpur.
- (8) Upgradation Hotel Amaltas, Ludhiana, Blue Bell Tourist Complex Phagwara,
- (9) Punjab Di Train – Incredible India, Administrative Complexes, 3 no(s). Flying Clubs.

8.4.5 . An expenditure of Rs.76912.00 lac has been incurred on different infrastructure projects in roads, Irrigation, Power, Urban Infrastructure, Transport and Social Infrastructural sectors during 10th Five Year Plan against the approved outlay of Rs. 181500.00 lac. An outlay of Rs. 134300.00 lac has been provided for the 11th Five Year Plan (2007-12) and Rs.22000.00 lac for the Annual Plan 2007-08 under PIDB.

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