

TRANSPORT

Schemes under the sector envisage construction widening and improvement of various roads improvements of intersection, providing street lighting, cycle tracks, grade separators at intersections and construction/ widening of bridges on various roads, over river Yamuna and other drains in Delhi and constructions of subways etc. to facilitate free flow of traffic in Delhi.

Under Transport Department major schemes are Construction of ISBTs, Mass Rapid Transit System, Regional Rail Network (IRBT), Rationalisation and Revival of DTC, Computerisation of Records of Transport Department and BRT / Electric Trolley Buses.

The agency wise approved outlay and expenditure for the 10th Five Year Plan; Proposed Outlay for the 11th F.Y.P. and the approved outlay and expenditure for 2007-08 and approved outlay 2008-09 are given in the following table.

SN	Agency	10 th FYP Approved outlay	10th FYP Expr.	Proposed 11th FYP 2007-12	2007-08		Approved Outlay 2008-09
					Approved Outlay	Exp.	
1	2	3	4	5	6	7	8
1.	PWD [Road & Bridge]						
i.	Normal Schemes	187280.00	192535.26	75000.00	20000.00	20563.59	19000.00
ii.	CRF		2583.89	10000.00	1000.00	31.60	1000.00
iii.	TYADB (PWD)	1500.00	154.52	1500.00	300.00	24.90	100.00
iv.	CWG			16500.00	8000.00	2288.55	33900.00
v.	JNNURM		20065.00	600000.00	50000.00	39271.81	36500.00
vi.	Roads & Bridges (DTTDC)		1589.00	25000.00	5000.00	-	1000.00
2.	MCD						
i.	Normal Schemes	60000.00	45470.80	30000.00	7500.00	9894.83	7500.00
ii.	CRF		2139.74	15000.00	3000.00	1692.64	3000.00
iii.	CWG		205.52	7500.00	3000.00	807.25	4000.00
iv.	JNNURM			100000.00	16500.00	-	14000.00

SN	Agency	10 th FYP Approved outlay	10th FYP Expr.	Proposed 11th FYP 2007-12	2007-08		Approved Outlay 2008-09
					Approved Outlay	Exp.	
1	2	3	4	5	6	7	8
3.	NDMC						
i.	(i) Roads & Bridges	2000.00	2016.93	2000.00	400.00	400.00	400.00
ii.	(ii) CWG			3200.00	700.00	350.15	700.00
4.	Transport Department	293891.00	214214.53	639470.00	111578.00	124715.65	172234.00
	Total	544671.00	481975.79	1525170.00	226978.00	200040.97	293334.00

PWD (ROADS & BRIDGES)

A. ROADS:

- Under Road Widening Scheme, Nelson Mandela Marg & Aruna Asaf Ali Marg widened from 4-6 lanes, Ring Road has been widened from existing 6 lanes to 8 lanes over a length of 33.2 km and work on 14.1 km is in progress in stretches between Punjabi Bagh to Azadpur, from Dhaula Kuan to Naraina from 6 lanes to 7 lanes. SA Road from ESI Hospital to Marginal Bund Road has been widened from 4 lanes to 8 lanes from Noida More to Shastri Park and between Khajuri Khas to Sabhapur and GT Road to Khajuri Chowk widening work to 6 lanes is in progress. Further, Widening of NH-24 Bypass from Noida More to Ghazipur 4 lanes to 8 lanes is in progress and Widening of NH-10 from 4 lanes to 8 lanes will be taken up after DMRC completes its work there.
- Widening of Ring Road from 6 lanes to 8 lanes from Rajghat to Ashram:** This Project was sanctioned for Rs.1685/- lacs in Sept,05. The work was awarded in July'06 and likely to be completed in Nov'07. Ring Road is main arterial road of Delhi having maximum vehicular movement throughout the day as it serves the link for connecting all other major roads. The widening from 6 lanes to 8 lanes shall make the vehicular movement smooth.
- Strengthening of August Kranti Marg using new technology:-** The work was sanctioned for Rs.243/- lacs in Dec,06. The work involved imported material which improves bitumen performance. The asphalt surface becomes porous and allow water to percolate and drain out easily without damaging road surface. This is new technology in use. The work is in progress and likely to be completed in Jan'08.

4. **C/o Service Road on Link Road from NH-8 to Old D.G.Road:-** The work was sanctioned for Rs.197 lacs in May'07. This was started in July'07 and likely to be completed in Dec'07. There are many private farm houses opening on Link Road on the southern side. Providing service road on the southern side of link road shall make the movement of traffic on Link Road undisturbed. All cross road traffic shall move left out direction from the service road.
5. **Widening of Mehrauli-Mahipalpur Road:-** This proposal was approved by Technical Committee of DDA in Feb'07 after many meetings of Sub-Committee and discussions. The phase-I from Andheria More to Masoodpur has been approved by TC/DDA. There shall be 8 lane divided carriageway with 10mt. wide central median for allowing proposed LRT corridor in future by Transport Deptt. There shall be two lane service road on both sides at outer most edge leaving space in between carriageway and service road for future expansion. This is an important corridor connecting NH-8 to NH-2. This corridor is also designated for emergency evacuation route during coming Commonwealth Games – 2010. The phase-I widening work has been sanctioned for Rs.2600/- lacs in July'07. Action is being taken for taking possession of land from DDA for proposed widening after which the tenders shall be called for execution. The work is likely to start on ground by Feb,08.
6. **Recycling of MB Road under new technology: -** The Mehrauli-Badarpur road is important road connecting NH-2 and NH-8. This road was handed over from MCD in April'04. The road surface of the entire stretch has been proposed for recycling by using existing milled material and adding about 20% new material. The height of road surface also does not increase. There is no pollution as no new material is required. The work was sanctioned for Rs.701 lacs in Oct'06. The work was started in June'07 and likely to be completed in Dec'07.

FLYOVERS & BRIDGES :

1. Recently work on 16 new flyovers has started - at Mukarba Chowk and Bridge over Neela Hauz, Azadpur, Naraina, Three flyovers between IIT and NH-8, Nangloi, Mangolpuri, corridor improvement of Road no.56 and U P link Road, Apsara border, Near Shyam Lal College on GT Road, Underpass at ITO Chungi, Shastri Nagar Pushta. Flyover at Mukerba Chowk is likely to be completed by Sept. 08. Signature Bridge on Yamuna at Wazirabad will be shortly started by DTTDC and PWD.
2. **C/o 4 lane additional bridge over Barapullah Nallah on Ring Road:-** The project was sanctioned for Rs.558 lacs in March'03. The work was awarded in July'05 but due to shifting of services like HT Line, DJB etc. the work started in April'06 and likely to complete in March'08. This additional bridge shall make the Ring Road from existing 4 lanes to 8 lanes and remove the road restriction at this junction.

C. FOB'S & SUBWAYS :

1. 29 nos. subways/FOBs have been completed at various places including 11 FOB (Near Supreme Court, between AIIMS & Safdarjung Hospital, Majnu Ka Tila) 8 FOB's with Escalators at Maharani Bagh, ITO, ISBT Kashmere Gate, Satya Niketan, Nanakpura Gurudwara, Raja Garden, Mangal Bazar & Ratia Marg.
2. 7 FOB's are under planning stage and will be taken up in next couple of months FOB near Vivek Vihar.,FOB near Patpar ganj Industrial area,FOB near Gazipur Village, FOB At Gandhi Nagar will be provided with escalators.
3. **C/o FOB across Station Road near Dhaula Kuan:-** This work was sanctioned for Rs.488/- lacs in May'07. The work has been awarded in June'07 and likely to be completed in Dec'07. This shall help pedestrians to cross the busy station Road and also help in cross movement of persons using Golf-course. This FOB has provision for smooth ramp and escalators.
4. **Providing Escalators on FOB at Nehru Nagar, Ashram and R.K.Puram**
The scheme to provide escalator on Ashram, Nehru Nagar and R.K.Puram was envisaged to facilitate the easy and fast movement of pedestrian desiring to cross the road on FOB. Escalator at Nehru Nagar is under sanction, while escalators at other two locations are already sanctioned costing 2.2. crores for each location, thereby making total cost 6.6. crores which include cost of electrical installation of machine room, dewatering pumping sets, lighting of FOB and escalators. The works shall be physically started in the month of March'08. Hence, there will not be any physical achievement during 2007-08 and whole work is likely to be completed in Jan'09.

D. OTHER IMPORTANT PROJECTS:

1. **Construction of New Link Road connecting NH-24 bye-pass to NH-8.**
This connection will provide easy access to Jawahar Lal Nehru Stadium and IGI Airport from NH-24 bye-pass as well NH-8. This works requires clearance from DUAC and will also provide approach to Thygraj Sports Complex.
2. **Elevated East-West Corridor from Connaught Place area to East Delhi.** The corridor provides an additional link between East Delhi and Central Delhi. The proposal envisages construction of 6 lane corridor from NH-24 Bye-pass/ Marginal Bund Road near Akshardham Temple to Minto Road. Two ROBs across the railway line to Ghaziabad, elevated rotary, Bridge over River Yamuna and elevated road with ramps at ring road, Minto Road and Bhavbhuti Marg. Feasibility study completed. Proposal cleared by TC-DDA on 11.07.07. Proposal submitted with model to DUAC on 10.09.07.

3. **Corridor improvement of U.P. Link road from NH-24 Crossing (Noida Mor) to Chilla Regulator.** The proposal provides for widening of existing 6 lane road to 8 lane with concrete pavement. It provides for a half flyover at Khudi Ram Bose Junction, and a full flyover at the T junction of Road to Glaxo Apartments, and four armed junction of U.P. Link road, Ghazipur Road and DND Road. A 4 lane bridge over Chilla Regulator is also to be provided. In addition retaining walls on both sides of the road, Footpath, Cycle track and Street Lights are also to be provided. Preliminary Estimate for Rs. 334 crore has been approved by Cabinet on 28-04-08. For widening 25.441 acre land is required from Irrigation Department of U.P. Govt. for which matter has been taken up by the Pr. Secretary, PWD, GNCTD with Pr. Secretary, Irrigation Department, U.P. Govt. The case is pending before DUAC and 25.441 acre land is required from the Irrigation Department of U.P. Govt. After the receipt of land and clearance by DUAC, the work will be awarded within 2 months and will be targeted for completion within another 24 months thereafter.

2. **Storm Water Drain from Mahipalpur to N.G.Drain for drainage of rainwater from International Airport- Cost Rs.280 Crores.** This scheme was formulated by Irrigation and Flood Control Department for the C/o Drain from Mahipalpur to Najafgarh Drain in a total length of approx. 11 kms. The drain is to be constructed mainly on DDA land. The scheme is when completed would facilitate drainage of rain water from International Airport at Delhi.

E. **Feasibility study for new / additional Urban Roads Corridors in Delhi**

1. **Road over Barapulla Nallah starting from Sarai Kale Khan to INA and Road over Najafgarh Drain from Wazirabad to Meerabagh** The scope of the study is to do the traffic survey, Topographic Survey, Marking of existing services, submission and approval of the proposal from TC-DDA, DUAC etc.

2. **East-West Corridor from Rajghat to Punjabi Bagh, North South Corridor from Majnu ka Tilla (Ring Road) to Dhaula Kuan:** - The scope of the study is to do the traffic survey, Topographic Survey, Marking of existing services, submission and approval of the proposal from TC-DDA, DUAC etc.

3. **Outer Ring Road Link Road Okhla to Wazirpur and Misc. of Outer Ring Road from NH-8 to Janakpuri through Cantonment area.:** -The scope of the study is to do the traffic survey, Topographic Survey, Marking of existing services, submission and approval of the proposal from TC-DDA, DUAC etc. Bids are being recalled as during the first call there was no response.

2. MCD

A. On Going Schemes (Rs.7500 lakh)

On account of tremendous increase in the population, there has been an unplanned growth of the city resulting in mismatch between physical form and functional character of the various areas. Unplanned city growth increased the average trip length. Heterogeneous nature of traffic has further added fuel to the fire. These factors had lead to frequent traffic congestion's and chaos

To over cum these problem the constructing of foot over bridges, Grade Separator, Subways, Widening of roads, Imp. In teh riding quality, Const. of Central Verge, Footpath, Imp. geometric of intersections, signalization of intersection etc. will continue through massive plan Grants.

Under this head all 'Road & Bridges" activities are covered including activities covered under CRF, Common Wealth Games and JNNURM.

ROB Lawrence Road Calcutta Brice (W/o) & Sarai Kale Khan will be completed during 2008-09. The work of RUB Kishan ganj will remain in progress & will be completed during 2009-10.

B. **CRF (Rs.3000 lakh):**

Under CRF work of strengthening, improvement, footpath will be taken up for works approved/to be approved by MORT&H.

C. **Common Wealth Games (Rs. 4000 Lakh)**

An amount of Rs.75 crore is proposed for 11th FYP and Rs. 40 crore in the AP 2008-09. It includes following three schemes.

- i. RUB of Railway Crossing Vivek Vihar.
- ii. Improvement of surrounding of New Delhi & Old Delhi Railway Station
- iii. Improvement of major roads
 - a. JLM Marg
 - b. MG Road
 - c. Road connecting with stadia

D. **JNNURM (Rs.14000 Lakh)**

Proposal for JNNURM schemes have been submitted to GOI for approval. Following works will be taken up under this scheme during 2008-09.

1. Corridor improvement of S.P. Mukerji Marg..
2. Corridor I/o Mehrauli - Gurgaon Road.

3. Grade separator on Rani Jhansi Road
4. ROB/RUB on Railway Crossing at Samai pur Badli.
5. Traffic management around Civic Centre near Minto Road

3. **NDMC**

A. Normal Schemes (Rs. 400 lakh)

An outlay of Rs.20 crore is proposed in XI FYP 2007-12 and Rs.4.00 crore in AP 2008-09.

Following activities will be taken up under this scheme

1. Strengthening & resurfacing of roads in NDMC area.
2. Construction of subway at C Hexagon around India Gate.
3. Construction of Parking lot in NDMC area at:
 - (a) Yashwant Place Market at Africa Avenue
 - (b) Bhai Vir Sing Marg
 - (c) Multi level parking at Baba Kharak Singh Marg.

B. Common Wealth Games (Rs. 700 lakh)

An outlay of Rs.30 crore is proposed in XI FYP 2007-12 and Rs.7.00 crore in AP-2008-09 for the following works

1. Upgradation of Connaught Place area:

- i. Restoration of façade of C - Block (Civil & Elec. Works). 100% work will be completed.
- ii. Improvement of Pedestrian area on outer circle including improvement of subways (Civil & Elect. Works). 20% works will be completed.

2. Street Scaping and beautification of Road.

- i. Hanuman Mandir Plaza
- ii. Niti Marg & three sides of Nehru Park.
- iii. Tees January Lane & Tees January Marg
- iv. Mandir Marg
- v. Baba Kharak Singh Marg

3. Installation of Road Signages

Road Signages will be fixed at various location in NDMC area.

4. Janpath development

It includes following locations.

- (i) Janpath mini market opposite Indian Oil Bhawan
- (ii) Janpath road berm market between outer circle & Tolstoy Market
- (iii) Tibitean Market Janpath

5. Modernisation of Street lighting

Under this scheme 67 no of Road to be covered in Phase I & II by providing following:

- (i) Providing new GL polygon poles with IP -66 filling having 150/250/400 W-HPSV lamps
- (ii) New cables to be laid in pipes with Trench less technology
- (iii) Auto meter control using GSM technology.

4. TRANSPORT DEPARTMENT

During the last two decades the total number of registered motor vehicles in Delhi has crossed the 5 million mark, which is more than the combined number of vehicles in the other three metros of India viz. Mumbai, Chennai and Kolkata. Of these more than 90% vehicles are personalized. The concomitant problems are traffic congestion on roads with traffic snarls and jams, inadequacy of parking space, high accident rate, environmental pollution, inadequacy of road space for public transportation etc. The transport system of Delhi has to meet not only the requirements of Delhi's nearly 1.50 crore population but also of the floating and transiting population from adjoining States.

The main objective of the 11th Five Year Plan will be to augment and improve the quality of the "Public Transport system" so as to make it commuter friendly by providing an efficient, reliable, safe, comfortable and affordable services through a multi - modal public transport system, so as to discourage the use of personal vehicles. The implementation of the Integrated Multi –Modal Transit Systems for Delhi will be on full gear. Substantial new infrastructure of world class for this is planned to be created before the Commonwealth Games 2010. This objective will also be complemented by the promotion of non-motorised transport through appropriate transport and traffic engineering and with the effective enforcement of the traffic regulations.

All the schemes of the 10th plan will be continued but some of the schemes have been merged to form an umbrella scheme for easy implementation. There will be considerable emphasis on strengthening E-governance in accordance with the overall plan and the vision document of the IT Department.

For the 10th Five year Plan, initially an outlay of Rs.293891.00 lakhs was approved, which was increase to Rs. 361884.00 lakh due to the construction of MRTs.

But still the pace of expenditure was not proportionate to the allocation received due to non finalization IRBT and delay in finalization of alternative modes of transport. Only an amount of Rs. 214214.53 lakh could be spent during 10th Five-Year Plan 2002-07

The approved outlay for the 11th Five Year Plan is tentatively fixed as Rs. 6394.70 crore For the Annual Plan 2008-09, an outlay of Rs 1722.34 Crore has been approved. Details of the approved schemes, included in the 11th Five Year Plan and Annual Plan 2008-09, are given below.

1. Planning & Monitoring Cell (Rs.5.00 Lakh)

OBJECTIVES

The main activities proposed are collection and compilation of transport and transport related statistics and their analysis for policy changes and new policy initiatives. In this regard a detailed review of all the studies commissioned by the Transport Department will be carried out for formulating the plan of action. As there was a shortfall in the financial and physical performance during the 10th plan, evaluation of the continuing ongoing schemes will be taken up during the year for effective implementation. Another thrust area will be publication of reports generated from the transport statistics.

An outlay of Rs.5.00 lakh is approved on the Annual Plan 2008-09 for strengthening the cell by new appointments of Transport Planner, Statistician, Transport Economist with better infrastructure support.

2. Motor Driving Training Schools (Rs.25.00 Lakh)

OBJECTIVES

The objective of this scheme is to impart training in driving skills to potential drivers and also upgrade the skills of existing drivers on scientific lines by employing modern equipments and highly trained instructors. Annually the licensing authorities in Delhi issue about 3 lakh driving licences. Although under the Motor Vehicles Act a number of private Motor Driving schools have come up in the city, due to lack of infrastructure, particularly land; the quality of training provided by these private Driving School is deficient. Similarly the facilities for skill testing with the licensing authorities are also not adequate for ensuring stringent standards. In view of this, during the 10th Plan a new initiative was taken by the transport for establishing premier motor training schools in the Delhi in the PPP mode. So far 3 schools have been established under this scheme:-

1. IDTR (Institute of Driving Training and Research), Loni Road, jointly with Maruti Udyog Ltd.
2. MDTs (Burari), has been established in collaboration with M/S Ashoka Leyland.
3. MDTs (Sarai Kale Khan) as an extension of IDTR Maruti Udyog Ltd. Loni.

In the 11th Plan the above initiative will be continued to open more premier MDTs in PPP mode. During 2008-09 it is proposed to initiate action to set up a world class MDTs with state of the art facility. Already DDA has allotted land at Dwarka. There is also a proposal to construct another MDTs at Zulzuli in the 11th Five Year Plan.

All Heavy Vehicle Driving Licence holders have to compulsorily undergo a refresher course at MDTs before getting the licences renewed after 3 years. A need for upgrading the curriculum for these courses on a continuing basis has become mandated through judicial directions. Similarly there is a need to train all the public transport vehicle drivers preparatory to the Commonwealth Games 2010.

It is proposed to organise special training programmes for school bus drivers and non DTC bus drivers through 3 Motor Driving Training Schools being run at Burari, Loni Road and Sarai Kale Khan.

As there is an obligation to earmark 17% of the outlay for Special Component Plan for Scheduled Castes and tribal Sub Plan (SCSP), it is proposed to give financial assistance to SC/ST candidates for undergoing drivers training in the MDTs particularly in Heavy Vehicle driving.

An outlay of Rs.25.00 lakh is approved in the Annual Plan 2008-09

3. Computerisation of Records of Transport Department (Rs.150.00 Lakh)

OBJECTIVES

The prime objective of this scheme will be the implementation of the E-Governance plan of the Department of IT for the State for providing a citizen friendly and efficient delivery of services. The strategy planned is networking of existing service centres, online delivery of services and up gradation of existing services including capacity building. The specific activities charted out for the plan period are: -

- a) Issue of smart card based Driving Licences in all zonal offices of Transport Deptt..
- b) Registration of commercial vehicles on smart card.
- c) On line services for the payment of Road Tax, various fees, fines, issue of permits, learners licences, renewals, information and data access and retrieval and linking with Delhi on-line portal.
- d) Networking of Zonal offices, Pollution Checking Centres.

The Transport Department has entered into an MOU with the National Informatics Centre (NIC) to computerize all its major activities at headquarters, zonal and sub-offices for setting up an On-Line Transaction Processing (OLTP) based computer system, on a turnkey basis. The responsibility of NIC involves system analysis, design, software development & implementation, procurement and installation of hardware and other equipments and they are working in three locations viz. VIU Burari, Auto Rickshaw & Taxi Unit & HQ.

In a step ahead, the Department has introduced the SMART OPTICAL CARD for Registration and allied activities in all zonal offices for non – transport vehicle. The Deptt. Is using the “VAHAN” software in registration of vehicles provided by NIC for this purpose. The activities are further extended to commercial vehicles like registration, permit issuance, Road tax collection, fitness of vehicles, TSR replacement scheme & Education cab. The same will be implemented very soon in other category also.

Recently, the Deptt. Had started the issuance of smart card based driving license in Mall Road zonal office as a pilot zone and “SARATHI SOFTWARE” provided by NIC is being issued for the same. More than 8000 smart card based driving license has already been issued in Mall Road Zonal Office. The Dept. has also started issuance of smart card based driving license in the Rohini zonal office and the Deptt. is in process to start smart card based driving license in other two newly created zones i.e Raja Garden & Surajmal Vihar by end of the financial year 2007-08. The Department will use the “SARATHI” SOFTWARE provided by NIC and all the computer hardware would be arranged by the Deptt. itself.

Presently, smart card based registration & allied activities are being carried out in fourteen zonal office including VIU, Burari & Auto-rickshaw unit Burari and issuance of smart card based driving licenses through its own resources also started in two zones i.e Mall Road & Rohini zones. As the Deptt. has decided to start implementation of smart card based driving license in the remaining ten zones also through its own resources which requires the dedicated technical support available in the Department which is grossly inadequate for implementing the above plan. To meet out the above requirements 80 posts of different category are proposed for creation.

Net working of computerized Pollution checking centres:

The department had completed the computerization of all authorized pollution checking centres (numbering about 500) during 2006-07. In the second stage, it has been planned to electronically link all the computerised Centres with a server in the Transport Department to receive and store pollution checking data for all centres.

An outlay of Rs.150.00 lakh is approved in the Annual Plan 2008-09 which includes a provision of Rs.10.00 lakh under capital head.

4. Road Safety and Grant-in-Aid to NGOs (Rs.1000.00 lakh)

OBJECTIVES

Awareness building on the importance of Road safety through all available medium for communication is the objective of this scheme. But the focus is more on civil society participation and in particular school children. Observance of the National Road Safety Week will be as usual an important event. It is proposed to prepare an annual action plan with a calendar of activities in the first quarter of the plan year. An evaluation of the activities taken up during the 10th Plan from the point of view of generating awareness in the public will be taken up for improving the scheme content and its implementation. At present the Planning and Monitoring Cell is implementing the scheme. Therefore the professional and technical inputs available in house are very limited. It is therefore proposed to create a separate Directorate of Road Safety in the Transport Department .

An outlay of Rs.1000.00 lakh is approved in the Annual Plan 2008-09.

5. Direction & Administration (Strengthening Of Transport Department) (Rs. 1085.00 Lakh)

OBJECTIVES

1. CONSTRUCTION AND RENOVATION OF ZONAL OFFICES / HQ. BUILDING (Rs. 1000.00 lakh).

At present, work related to issue of driving licenses and registration of vehicles is being done through 12 Zonal Offices. Two new Zonal Offices at, Vasant Vihar, and Sukhdev Vihar are ready for opening. One more new Zonal Office at Dwarka will be taken up for construction during 2008-2009.

2. Strengthening of Enforcement of M.V. Act and Rules

Enforcement Branch of this Department is required to enforce the provisions of Motor Vehicle Act and Rules. But with the latest stringent directions given by the High Court of Delhi this strength is found to be grossly insufficient for ensuring effective compliance of even just the Court's orders. In order to optimise on both staff as well as vehicles it is proposed to introduce Radio Frequency Identification Device for strengthening the enforcement work with better coordination with other branches like STA, Operation Branch, PCD and Computer Branch etc.

- i. Creation of posts:
- ii. Vehicles for staff:
- iii. Uniform for staff:
- iv. Training of Enforcement Staff:
- v. Land for securing impounded vehicles:

3. Setting up of a Legal Cell in Transport Department

The Department files a large number of challans in the competent courts. Due to lack of staff the *pairavi* in these cases is grossly inadequate. There is a need for a dedicated team for this purpose for effectively protecting the interests of the Department. Therefore, it is proposed to establish a Legal Cell in the Department under a Legal Advisor (Rs.8000-13500), supported by one Legal Assistant (Rs.5000-8000), one LDC (Rs.3050-4500) and one Class-IV official (Rs.2550-3200).

Recommendations of the Administrative Reforms Department will also be implemented.

6. Mass Rapid Transit System (Rs.81993.00 Lakh)

OBJECTIVES

The basic objective will be to increase metro connectivity in Delhi.

Work on Phase II of MRTS for Delhi has already commenced and this will be in full gear during the 11th Plan. Under Phase-II approximate 120 Kms of Metro line will be added before the Commonwealth Games with connectivity to the neighbouring States. The target is to operationalize all the lines before the Commonwealth Games 2010 .The approved lines are: -

Sl. No	Corridor	Length Kms.	Completion Date
1.	Vishwa Vidhyalaya – Jahangir Puri	6.36	Oct ,09
2.	Central Secretariat -Ambedkar Colony-Gurgaon	26.80	Dec,10
3.	Shahdara – Dilshad Garden	3.10	Dec,08
4.	Indraprastha – Yamuna Depot-New Ashok Nagar	8.07	June,2009
5.	New Ashok Nagar – NOIDA Sector – 32	7.05	Dec,09
6.	Yamuna Depot – Anand Vihar ISBT	6.16	Dec., 2009
7.	Inderlok-Kirti Nagar – Mundka	18.50	March 10
8.	Dwarka Sec.9 to Dwarka Sec.21	2.30	Dec,09
9.	Central Sectt. To Badarpur	20.16	Dec,10
10.	New Delhi Railway Station to IGI Airport	19.20	Aug,10
Total		117.70	

Of the 117.70 kms of phase II, 13.48 Kms. would be underground and 104.22 kms would be elevated. The capital cost of these corridors comes to Rs. 10795 crore.

For improving the metro ridership feeder services are also being introduced by DMRC. Phase III and Phase IV plans to increase the metro line to 245 km approximately by 2021.

In addition to the above a High Speed Express Metro Link between New Delhi Railway Station and IG International Airport Delhi has been sanctioned in the PPP mode. This stretch will be 19.2 kms with 2 intermittent stations. The underground stretch will be about 4 km. The equity contribution of Government of Delhi will be Rs 182 crores and the line will be ready by August 2010 that is before CWG 2010.

The incremental traffic likely to be generated by 2011 on account of addition of Phase-II is expected to be about 15 lakh per day.

The outlays proposed for various activities are as under:-

[Rs. in lakhs]			
10 th Plan Outlay (2002-07)	11 th Plan Outlay (2007-12)		Outlay for 2008-09
	Studies	10000.00	100.00
	MRTS Cell	50.00	5.00
	Subordinate Debts	20000.00	
	i. Land Acquisition		5850.00
	ii. Reimbursement of Central Tax		8250.00
	A. Equity Shares	95520.00	65088.00
	B. Reimbursement of Works Contract Tax to DMRC	6000.00	2700.00
144141.00	TOTAL	131570.00	81993.00

7. Modernisation of Infrastructure for Certification of Road Worthiness of Transport Vehicles [Rs.1030.00 Lakh]

OBJECTIVE

Under the provisions of Motor Vehicle Act, 1988 all Transport Vehicles are required to carry a valid "Certificate of Fitness" without which the registration of the vehicle is treated as invalid. This Certificate is required to be obtained annually from the competent authority. Currently there are about 1,80,000 transport vehicles which require the COF annually. This number will increase to about 2, 50,000 vehicles by 2012. This intends to introduce more automated testing lanes so that every transport vehicle is annually inspected on these automated lanes.

Transport Department has set up two automated vehicle inspection and certification lanes at present in Burari and these are functional. The test data generated is automatically stored in computer without revealing test results to the operator to avoid subjective bias. All test equipments are networked. The test system hardware and software architecture is flexible and expandable to enable easy future field addition of new tests.

The action plan for Inspection & Certification lanes for financial year 2008-09 as follows:

S.No	Activities	Remarks
1.	Redevelopment of Burari complex	For modernizing of infrastructure development
2.	Extension of Automated Test lanes	This consist of Automated lanes and on road inspection.

8. Decongestion and Rationalisation of ISBTs (Rs.1700.00 Lakh)

OBJECTIVES

At present, three ISBTs are functioning from Kashmere Gate, Anand Vihar and Sarai Kale Khan. The old ISBT at Sarai Kale Khan is being rebuilt as a modern ISBT. With the change in the development control norms in MPD 2021, the lay out plan require drastic revision for availing the maximum permissible FAR and therefore the original cost estimates for the Sarai Kale Khan ISBT project will require substantial upward revision. PWD was the executing agency for the project. Now it is under consideration for **construction** on PPP. For the 11th Five Year Plan, two more new ISBTs, on modern lines, are proposed to be constructed (i) in South-West at Dwarka and (ii) in North Delhi at Narela on BOT basis. Land for both the new ISBT's have been allotted by the DDA . The Anand Vihar ISBT will also be rebuilt as per new norms integrating the Bus Stand with Rail and Metro before the CWG 2010.

The approved outlay of Rs.1700 lakh includes Rs. 200 lakh for revenue expenditure and Rs.1500 Lakh for capital works mainly for renovation / development works of ISBT Kashmere Gate.

9. Control of Vehicular Pollution from the Exhaust of Motor Vehicles (Rs.250.00 Lakh)

Aims & Objectives of the scheme:

This scheme is being implemented with the following objectives:

- i. To control pollution caused by motorized vehicles plying in Delhi.
- ii. To create awareness amongst the motoring public in particular and public in large about the effects of various vehicular pollutants.

- iii. To provide adequate pollution checking and certification facilities in Petrol Pumps and Workshops.
- iv. To enforce standards of various pollutants emitted by the vehicles prescribed in the Central Motor Vehicles Rules, 1989.
- v. To facilitate enforcement of pollution control related orders of Supreme Court and environment pollution(prevention & control)Authority for the NCR region.

During the 11th Five Year Plan various activities will be taken up to pursue the above objectives. The important activities stated for 2008-09 are :-

1. Creation of public awareness.

Following mass awareness activities are proposed:

- Advertisement in newspapers
- Installation of bus panels/bus shelters/kiosk.
- Printing of hand bills and other educational materials
- Holding of educational talks, seminars, workshops ,street plays etc.
- Ministry of Road transport and Highways, Govt. of India will be requested for modification and enacts changes in Motor Vehicle Act to make mandatory periodic testing of all major safety parameters for non-transport vehicles.

2. Load mode Test for Diesel/ CNG vehicles: The rule 115 of CMVR, 1989 prescribed free acceleration method for testing the smoke density of diesel engine vehicles which is vague in nature and provides scope for manipulation in measurement of smoke density. Studies show that smoke opacity test currently done under PUC system has poor correlation with particulate emission. It is therefore, proposed that a short transient dynamometer test procedures for in use diesel vehicles be defined and implemented in which both visible smoke and particulate matter can be measured. Similarly, a loaded test for CNG vehicles may also be developed for measurement of the NOX.

For the above activities additional staff (43) and infrastructure will be required.

10. Re-Structuring and Revival of Delhi Transport Corporation **[Rs.64121.00 Lakh]**

OBJECTIVES

The prime object of this scheme is to implement the recommendations made in the Reform Plan for Restructuring of the Delhi Transport Corporation submitted by the Tata Consultancy Services (TCS) in 2003.

6000 new buses shall be purchased well before 2010/ 500 Non AC Low Floor buses, 300 Diesel Buses(AC and Non AC), 902 Non AC Low Floor buses, 600 AC Low floor buses, 750 Non AC semi low floor, 250 AC semi low floor & 1000 standard CNG buses are expected to be added to the DTC fleet during these year. These buses have been specially designed for travel comfort of the commuters. These will be disabled friendly. It is planned to augment the fleet further to meet the requirements of the CWG 2010.

**11. Integrated Multi-Modal Transport System – JNNURM Funds
Development of Alternative Modes of Transport (Rs.12000.00 Lakh)**

The Committee on Sustainable Transport, after having considered all aspects, recommended that in addition to augmenting mass transport options, the way forward is to evolve policies and instruments to discourage the use of personalized vehicles in Delhi. The only solution to tackle the present urban transport problems in Delhi, is by creating sustainable multi-modal transport such as BRT, Monorail and LRT to supplement the Metro Rail and the present DTC and other bus services. Accordingly a plan known as the Integrated Multi-Modal Transit Systems has been approved by the Delhi Govt. for implementation by 2021. The first phase of this plan, consisting of 12 corridors, including seven corridors of BRT, two corridors of Monorail and three corridors of LRT, is planned for completion by 2010. For implementing this plan, a Special Purpose Vehicle known as Delhi Integrated Multi Modal Transit Systems Company Ltd. has been incorporated.

Alternative transport modes including Metro for improving the public transport system have been planned as detailed below:

Modes	Corridors	Length
Metro	6	115 Km
At-grade BRT	26	294 Km
Elevated LRT	6	74 Km
Elevated Monorail	3	48 Km
IRBT	2	44 Km

a. Bus Priority Lanes (BRT System) (Rs.10000.00 Lakh)

BRT system is one of the priority programmes of Delhi Government. For this programme, seven corridors have been identified. For smooth operation of such buses, road stretches, that create bottlenecks in the running of buses, would be systematically improved through road re-engineering, route by route, for better bus turn-around time and improvement in the quality of service. Preferential traffic signalling for BRT, at intersections, shall be provided to avoid delay at crossings.

Out of the 26 BRT corridors identified, following seven corridors are proposed for completion and operation during the 11th Plan

S.No.	<u>Corridor</u>	<u>Length (Kms.)</u>
1.	<u>Dr.Ambedkar Nagar to Delhi Gate</u>	14.5
2.	Jamia to Tilak Nagar	28
3.	Mool Chand Hospital to Jahangir Puri	27.5
4.	Nizamuddin Flyover to Nand Nagri	15
5.	Kondli to Gokulpuri	14
6.	Rajinder Nagar – Pragati Maidan	8
7.	Shastri Park to Karawal Nagar via Bandh Road	8.5

The work on the first corridor Ambedkar Nagar to Delhi Gate is already in progress. This corridor is targeted for completion during 2008-09. Estimates for 6 corridors have been approved by EFC. But further work will be taken up only after successful implementation of piolet project i.e. on Ambedkar Nagar to Delhi Gate and the investment decisions, in the feasible cases, is taken during current Annual Plan.

b) **Mono Rail (Rs.1000.00)**

The Monorail proposed to be run on two corridors viz. (i) Delhi University to Pulbangash (17kms.) and (ii) Kondli to Daryaganj (13 kms.). A detailed study to ascertain its feasibility and viability will be completed during the current plan year based on which an investment decision will be taken.

c) **Light Rail Transit [LRT] (Rs.1000.00)**

For this system, three corridors viz. (i) Outab Minar to Dwarka sec 22 (17 kms), (ii) Badarpur to Mehrauli (11 kms.) and (iii) Saket to IG Stadium(15 kms.) have been identified. A Techno-Feasibility study which is underway will be got completed during 2008-09 based on which the investment decision will be taken.

12. Setting up of An Unified Metropolitan Transport Authority for Delhi (Rs.5.00 Lakh)

OBJECTIVES

In Delhi, there is a multiplicity of authorities dealing with transport planning and regulation like PWD, MCD, NDMC, DDA, Traffic Police, Railways, Delhi Metro Rail Corporation, NHAI, Transport Department and DTC etc. They are engaged in different activities like construction and maintenance of roads, subways, over bridges, providing of traffic signals, road furniture, enforcement of the Motor Vehicles Act, 1988 and the Rules framed there under etc. In order to bring forth effective coordination amongst various agencies the Central Government in the Ministry of Urban Development has proposed the setting up of an Unified

Metropolitan Transport Authority to be called the Delhi Metropolitan Transport Authority through a legislation. This matter is under examination in the Government of Delhi. The bill for constituting the DMTA is likely to be passed by parliament this year. However a provision for meeting the the Secretariat expenses of the proposed Authority has been made in the 11th Plan and the current annual plan .

13. Incentive for Replacement of Old Light Commercial Vehicle (Rs.3000.00)

OBJECTIVES

The Govt. of Delhi has been assisting the conversion of vehicles to clean fuel under this scheme. In the 11th plan it is proposed to assist vehicles for adopting fuel efficient technologies with reduced emission levels.. Incentive in the form of subsidy which will be equal to Value Added Tax (VAT) of the new vehicle will be provided under this scheme as per Cabinet Decision No. 1333, January 2008.

14. Studies and Consultancy Services (Rs.680.00 Lakh)

OBJECTIVE

For the implementation of MPD 2021 , DTC's Revival and Restructuring Plan and for planning transport arrangements for CWG 2010 a number of studies and consultancies will have to be awarded during 2008-2009 . These will be funded under this scheme.

15. Development of Bus Terminals and Depots (Rs.4830.00 Lakh)

OBJECTIVES

Work on new Bus Depots will be taken up during the year at different locations. New Terminals will be constructed at Suraj Mal Vihar, Narela, I.P. Extension. It is also proposed to purchase land from concerned authority of Ghaziabad, Greater Noida and Govt. of Haryana for construction of bus terminals to serve NCR region. Bus Terminal at Madanpur Khadar, Hastal, Bhalaswa (Ibrahim Pur) Wazirpur J.J. Colony and Dhaula Kuan are also proposed to be developed and DDA is being requested to allot suitable land for these terminals at proposed sites.

16. Integrated Development of Rail & Bus Transport System in NCT for INTEGRATED DEVELOPMENT OF RAIL & BUS TRANSPORT SYSTEM IN NCT & NCR FOR DECONGESTION OF DELHI (Rs. 120.00 Lakh)

OBJECTIVE

Due to the lack of feeder bus services from the end points, commuters are not able to make the optimum use of rail services. Keeping this in view, development of Ring Railway in Integration with MRTS scheme was included in Ninth

Five Year Plan (1997-2002). M/s RITES who conducted a study to identify rail projects for commuter travel in National Capital Region (NCR) and Delhi, in its report recommended 28 urban rail commuter projects out of which 11 projects have been approved for NCT of Delhi and the remaining for NCR. This scheme will be implemented as a Joint Venture between Govt. of Delhi and NCR Planning Board.

The Technical Committee comprising of representatives from MORTH, MOUD, NCRPB and Transport Department, Delhi has recommended the following priority projects for implementation in first phase.

1. Ghaziabad- Sahibabad-Shahdara Rail Link (14.9 Kms) Corridor I
 2. Sahibabad- Tilak Bridge- Shivaji Bridge Rail Link (17.36 Kms.) Corridor II
 3. Tri Nagar- Bijwasan-Gurgaon Rail Link (29.4 Kms.) Corridor III
- The proposals are awaiting the clearance from the Planning Commission.

17. Special Purpose Vehicle – DIMTS (Rs.100.00 Lakh)

DIMMITS (Delhi Integrated Multi Modal Transit System)has been set up as a "Special Purpose Vehicle" for implementing the Integrated Multi –Modal Transit Systems for Delhi . DIMTS was incorporated as a Company in 2006 as a State Undertaking with an authorised share capital of Rs 1000.00 crore. The paid up share capital is Rs.5 crore. Now its corporate structure has been altered in to a Joint Venture Company.

18. Training of School Bus Drivers and Non DTC Bus Drivers (Rs.20.00 Lakh)

This scheme has been merged with the scheme of Motor Driving Training School

19. Development of Ring Railway (Rs.120.00 Lakh)

At present, the services being provided by Ring Railway are not being utilized optimally due to excessive use of the lines for goods traffic and also due to the lack of proper connectivity with road transport. It is, therefore, proposed to construct a parallel line for goods movement and use the ring rail for passenger movement alone with proper integration with other modes of transport. The initiative for this has come from the Ministry of Urban Development and it is proposed to set up a SPV consisting Ministries of Railway, Urban Development, Government of Delhi and Private Partners. A token outlay of Rs. 120.00 Lakh is kept for this work in 2008-09.