

ROADS & BRIDGES

In the Union Territory of Puducherry, the traffic intensity is increasing day by day due to increase in vehicle population and growing urbanisation. This has resulted in traffic congestion and stress on road stability resulting in overall degradation of road environment. Based on this, it is therefore proposed for upgradation, widening, strengthening and improvements of roads in a phased manner. It is also proposed to undertake construction of new bridges, culverts, subways, in addition to widening the existing bridges and culverts to cater to the growing traffic demands. There are about 63 kms. of National Highways, 35 kms. of State Highways, 295 kms. of District and Other Roads, 212 kms. of Rural Roads in the Union Territory of Puducherry. Every year these roads are maintained and developed by Public Works Department.

OUTLAY AT A GLANCE

Sector : ROADS & BRIDGES
Department : PUBLIC WORKS

No. of Schemes : 3

(₹ in lakh)

Eleventh Plan 2007-12 Actual Expenditure	:	40942.15
Annual Plan 2011-12 Actual Expenditure	:	10947.53
Annual Plan 2012-13 Approved Outlay	:	14239.75
Annual Plan 2012-13 Revised Outlay	:	11121.19
Annual Plan 2013-14 Proposed Outlay	:	8570.09

(₹ in lakh)

Sl. No.	Name of the Scheme	Eleventh Plan 2007-12	Annual Plan 2011-12	Annual Plan 2012-13		Annual Plan 2013-14	Of which Capital Content
		Actual Expdr.	Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Implementation of State Highways & Machinery & Equipments.	10270.24	5701.69	2938.01	1940.45	1355.01	860.00
2.	District and Other Roads.	21860.22	3815.27	9085.74	7455.76	5763.28*	4516.00
3.	Rural Roads.	6378.62	1380.53	2216.00	1724.98	1451.80	607.00
	Grant to local bodies/ Commune Panchayats for improvements of local roads and local development Works (LAD)	2433.07	50.04	--	--	--	--
Total		40942.15	10947.53	14239.75	11121.19	8570.09	5983.00

* Inclusive of (i) ₹1550 lakh under negotiated loan
(ii) ₹350 lakh for Western bye-pass Phase-II

Scheme No. 1

Sector : ROADS & BRIDGES

Implementing
Department : PUBLIC WORKS

1. Name of the Scheme : Implementation of State Highways and Machinery & Equipments

2. Objective of the Scheme :

To reconstruct the bridges and culverts and carry out improvement works to the classified roads.

3. Actual Physical Achievements during Eleventh Five Year Plan (2007-12) :

- i) Improvements of 30 nos. of road works completed.
- ii) 45 nos. of widening & strengthening works completed.
- iii) 70 nos. of U drain, L drain, roadside drain and culvert works completed.
- iv) Construction of 25 nos. of protection walls & safety measures works completed.
- v) 20 nos. of periodical renewals were completed.
- vi) 55 nos. of cement concrete roads completed
- vii) 5 nos. of entrance arches, 5 nos. of pedestrain paths and 15 nos. of deselting the drains were completed.

4. Physical Achievements for the Annual Plan 2012-13:

- i) Improvements of 6 nos. of road works completed.
- ii) 9 nos. of widening & strengthening works completed.
- iii) 14 nos. of U drain, L drain, roadside drain and culvert works completed.
- iv) Construction of 5 nos. of protection walls & safety measures works completed.
- v) 4 nos. of periodical renewals were completed.
- vi) 11 nos. of cement concrete roads completed
- vii) 1 no. of entrance arches, 1 no. of pedestrain paths and 3 nos. of deselting the drains were completed.

5. Proposed Physical Targets for Annual Plan 2013-14:

- i) Improvements of 4 nos. of road works will be completed.
- ii) 10 nos. of widening & strengthening works will be completed.
- iii) 11 nos. U drain, L drain, roadside drain and culvert works will be completed.

- iv) Construction of 9 nos. of protection walls & safety measures works will be completed.
- v) 6 nos. of periodical renewals will be completed.
- vi) 8 nos. of cement concrete roads will be completed
- vii) 1 no. of entrance arches, 1 no. of pedestrain paths and 1 no. of deselting the drains will be completed.
- viii) 2 nos. of street light arrangements and 1 no. of cause way work will be completed.

6. Remarks : Continuing Scheme

Scheme No. 2

Sector : ROADS & BRIDGES

Implementing

Department : PUBLIC WORKS

1. Name of the Scheme : District and Other Roads

2. Objective of the Scheme :

To improve the roads linking urban centres of the respective Communes.

To create infrastrural facilities such as construction of bridges, improvement of roads in the Union Territory of Puducherry.

3. Actual Physical Achievements during Eleventh Five Year Plan (2007-12) :

- i) Improvements of 105 nos. of road works completed.
- ii) 20 nos. of widening & strengthening works completed.
- iii) 90 nos. of U drain, L drain, roadside drain and culvert works completed.
- iv) Construction of 50 nos. of protection walls & safety measures works completed.
- v) 10 nos. of periodical renewals were completed.
- vi) 25 nos. of cement concrete roads completed
- vii) 5 nos. of street light arrangements and 10 nos. of pedestrain paths were completed.

4. Physical Achievements for the Annual Plan 2012-13:

- i) Improvements of 21 nos. of road works completed.
- ii) 4 nos. of widening & strengthening works completed.
- iii) 18 nos. of U drain, L drain, roadside drain and culvert works completed.

- iv) Construction of 10 nos. of protection walls & safety measures works completed.
- v) 2 nos. of periodical renewals were completed.
- vi) 5 nos. of cement concrete roads completed
- vii) 1 no. of street light arrangements and 2 nos. of pedestrian paths were completed.

5. Proposed Physical Targets for Annual Plan 2013-14:

- i) Improvements of 29 nos. of road works will be completed.
- ii) 15 nos. of widening & strengthening works will be completed.
- iii) 23 nos. U drain, L drain, roadside drain and culvert works will be completed.
- iv) Construction of 12 nos. of protection walls & safety measures works will be completed.
- v) 9 nos. of periodical renewals will be completed.
- vi) 2 nos. of cement concrete roads will be completed.
- vii) 6 nos. of bridges will be completed.
- viii) Entrance arch, pedestrian path, street light arrangement, cause way work, construction of bed dam and providing sign board in the roads will be completed.
- ix) Formation of road work along with reconstruction of Kalayankatti Mathagu (Vanjiar Bridge) and construction of new bridge across Arasalar near tailend dam will be taken up under Phase-II.

Central Road Fund

- i) Improvements of Riding Quality to RC16 Koodapakkam road from Villianur @ Ch.0/000 to Pathukannu junction @ Ch.4/500 in Puducherry
- ii) Widening and Improvement to RC-22 Sedarapapet road from Pathukannu junction at Ch.0/000 to Mailam road junction at Ch.10/270 at Sedarapet village in Puducherry.
- iii) Widening and Improvement to RC-19 and RC 20 Madukarai road from Kariamanickam junction to ch. 24/050 at Thavalakuppam junction of NH 45A Puducherry.
- iv) Widening and Improvement to RC-22 Sedarapapet road from Pathukannu junction at Ch.0/000 to Mailam road junction at Ch.10/270 at Sedarapet village in Puducherry.
- v) Reconstruction of High Level Bridge across Guduvaiyar river at RC. 18 Villianur Karikalampakkam road near Uruvaiyar in Villianur Commune, Puducherry.
- vi) Consultance services for the preparation of detailed project report (DPR) for Phase-II, Detailed design, Estimation and Bid documentation of the proposed construction of Road Over Bridge (ROB) at LC No.39 ch.33/000 of NH 45A in Arumparthapuram, Puducherry.

- vii) Improvements to Vizhidiyur road in Karaikal.
- viii) Improvements and widening to Vadamattam road in Nedungadu, Karaikal.

Negotiated Loan

- i) Widening and Improvements to the Manjolai road from RC.22 Sedarapet road to RC.4 Valudavour road connecting Thondamanatham village, Ramanathapuram village and Pilliyarkuppm village in Puducherry.
- ii) Balance work for the construct of Manemedu bridge, Puducherry
- iii) Improvements and widening of Manjolai Road, Puducherry
- iv) Construction of Kalayankatti Bridge across river Vanjiar at Thirunallar Road in Karaikal
- v) Improvements to Kumaran Kovil Street and Valluvar Street in Neravy
- vi) Improvements to Vizhidiyur south pet road from Vizhidiyur main road to Kankeyan Channel at Neravy.
- vii) Improvements to Manampet road from Vizhidiyur road to Manampet at Neravy.
- viii) Improvements to Agammankudy road in Nedungadu.
- ix) Improvement to the Devanoor salai in Kottucherry.
- x) Improvement to Konnakavali Road, Kottucherry Commune.
- xi) Construction of single lane bridge across river Nandalar at Kulakudi village in Nendunkadu Commune.
- xii) Strengthening and improvements to Kallayi-pandakal road in Mahe Region.

Japan International Cooperation Agency (JICA) projects

- i) Formation of Bye-pass road connecting Moolakulam to Thavalakuppam in Puducherry
- ii) Formation of new road from Kanniakoil to Sooriyankuppam in Bahour Commune, Puducherry
- iii) Formation and construction of bituminous carriageway for the link road bye passing the Natesan Nagar – Arumparthapuram segment of NH45A, Puducherry
- iv) Construction of High Level Bridge across river Sankarabarani between Km.28/800 and Km 29/200 of NH45A, Villianur, Puducherry
- v) Formation of 2nd phase ring road including land acquisition for a length of 7 km from Thakkakuttai to Nonankuppam including Road over Bridge in Puducherry.
- vi) Construction of Road over Bridge at L.C. No.43A at Km.38/175 of NH45A in Puducherry
- vii) Construction of fly over at Indira Gandhi square NH45A, Puducherry

- viii) Providing grade separator at Rajiv Gandhi Square in Puducherry.
- ix) Widening and improvements to ECR from Chemfab (ch.139/000) to Pillaichavady State border (ch.141/240), Puducherry including reconstruction of compound wall and shifting of utilities.
- x) Improvements to Marapalam junction and extension of existing road on both sides from Marapalam to Ariyankuppam river bridge, Puducherry.
- xi) Four laning of Villupuram – Cuddalore road from Ch.26/025 Km (M.N.Kuppam) to Ch.46/666 (Periakattupalayam), Puducherry.
- xii) Protection of Coastal line of Puducherry in vulnerable reaches including soft solutions.
- xiii) Proposed new corridor for Puducherry – Cuddalore parallel to the new railway line.
- xiv) Western bye pass road Phase –II including construction of bridge across Noolar, Arasaalar and Mullaiyar in Karaikal.
- xv) Railway over Bridge at Thomas Arul Street in Karaikal.
- xvi) Railway over bridge at Western Bye pass road alignment in Kovilpathu in Karaikal.
- xvii) Construction of Lemaire Bridge at Karaikal.
- xviii) Widening of NH from Polagam to Vanjore State Border in Karaikal.
- xix) Formation of link road between Melakasakudy and Thirunallar via Subrayapuram including construction of bridge across river Vanjiar in Karaikal.

6. Remarks : Continuing Scheme

Scheme No. 3

Sector : ROADS & BRIDGES

Implementing
Department :

PUBLIC WORKS

1. Name of the Scheme : Rural Roads

2. Objective of the Scheme :

To provide linking to Rural Growth Centres and approaches for agriculture habitations.

3. Actual Physical Achievements during Eleventh Five Year Plan (2007-12) :

- i) Improvements of 140 nos. of road works completed.
- ii) 30 nos. of widening & strengthening works completed.
- iii) 70 nos. of U drain, L drain, roadside drain and culvert works completed.

- iv) Construction of 40 nos. of protection walls & safety measures works completed.
- v) 50 nos. of periodical renewals were completed.
- vi) 10 nos. of cement concrete roads completed
- vii) 5 nos. of bridge works completed.
- viii) 15 nos. of sign boards in the roads were provided.

4. Physical Achievements for the Annual Plan 2012-13:

- i) Improvements of 28 nos. of road works completed.
- ii) 6 nos. of widening & strengthening works completed.
- iii) 14 nos. of U drain, L drain, roadside drain and culvert works completed.
- iv) Construction of 8 nos. of protection walls & safety measures works completed.
- v) 10 nos. of periodical renewals were completed.
- vi) 2 nos. of cement concrete roads completed
- vii) 1 no. of bridge work completed.
- viii) 3 nos. of sign boards in the roads were provided.

5. Proposed Physical Targets for Annual Plan 2013-14:

- i) Improvements of 26 nos. of road works will be completed.
- ii) 7 nos. of widening & strengthening works will be completed.
- iii) 12 nos. U drain, L drain, roadside drain and culvert works will be completed.
- iv) Construction of 7 nos. of protection walls & safety measures works will be completed.
- v) 7 nos. of periodical renewals will be completed.
- vi) 1 no. of cement concrete road and 1 no. of desilting the drain will be completed
- vii) Sign board in the road will be provided.

6. Remarks : Continuing Scheme