

ROADS & BRIDGES

The traffic intensity is increasing day by day due to increase in vehicle population and growing urbanization in the Union Territory of Puducherry. This has resulted in traffic congestion and stress on road stability resulting in overall degradation of road environment. Based on this, it is 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

No. of Schemes : 3

Department : PUBLIC WORKS

(₹ in lakh)

Annual Plan 2012-13 Actual Expenditure	:	9681.41
Annual Plan 2013-14 Approved Outlay	:	8835.09
Annual Plan 2013-14 Revised Outlay	:	8815.01
Annual Plan 2014-15 Proposed Outlay	:	10434.10

(₹ in lakh)

Sl. No.	Name of the Scheme	Annual Plan 2012-13	Annual Plan 2013-14		Annual Plan 2014-15	
		Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Implementation of State Highways & Machinery & Equipments.	1497.08	1226.13	1599.10	882.93	882.93
2.	District and Other Roads.	3930.89	4216.36	3675.90	2263.76	1697.76
3.	Rural Roads.	1494.48	1577.60	1341.39	787.41	787.41
	Central Road Fund	--	--	--	2500.00	2500.00
	Negotiated Loan	2758.96	1815.00	2198.62	4000.00	4000.00
Total		9681.41	8835.09	8815.01	10434.10	9868.10

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 made in the Annual Plan 2012-13 :

- Improvements of 4 nos. of road works were completed
- 10 nos. of widening and strengthening works were completed
- 11 nos. U drain, L drain, roadside drain and culvert works were completed
- Construction of 9 nos. of protection walls & safety measures works were completed
- 6 nos. of periodical renewals were completed
- 8 nos. of cement concrete roads were completed
- 1 no. of entrance arches, 1 no. of pedestrian paths and 1 no. of desilting the drains were completed
- 2 nos. of street light arrangements and 1 no. of cause way work were completed.

4. Physical Achievements made in the Annual Plan 2013-14:

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

5. Proposed Physical Targets for the Annual Plan 2014-15 :

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

Japan International Cooperation Agency (JICA) projects

- Formation and construction of bituminous carriageway for the link road by passing the Natesan Nagar – Arumparthapuram segment of NH45A, Puducherry
- Providing road over bridge, Uppanar drain connecting Sakthi nagar, Brindavanam and Kamaraj salai at Balaji theatre, Puducherry.
- Providing road over bridge, Uppanar drain connecting Maraimalai Adigal salai and Uppalam road in Puducherry.
- 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.
- Proposed new corridor for Puducherry – Cuddalore parallel to the new railway line.
- Formation of new road from Kanniakoil to Sooriankuppam including Land acquisition in Bahour Commune, Puducherry
- Formation of coastal road from Pannithittu Mugathuvaram to Narambai Pillaiyarkuppam revenue village including Development work in Bahour Commune, Puducherry
- Western bye pass road Phase –II including construction of bridge across Noolar, Arasaalar and Mullaiyar in Karaikal.

6. Remarks : Continuing Scheme

Scheme No. 2

Sector : ROADS & BRIDGES

Implementing

Department :

PUBLIC WORKS

1. **Name of the Scheme** : District and Other Roads2. **Objective of the Scheme** :

- To improve the roads linking urban centres of the respective Communes.
- To create infrastructural facilities such as construction of bridges, improvement of roads in the Union Territory of Puducherry.

3. **Actual Physical Achievements made in the Annual Plan 2012-13 :**

- Improvements of 21 nos. of road works completed.
- 4 nos. of widening & strengthening works completed.
- 18 nos. of U drain, L drain, roadside drain and culvert works completed.
- Construction of 10 nos. of protection walls & safety measures works completed.
- 2 nos. of periodical renewals were completed.
- 5 nos. of cement concrete roads completed. 1 no. of street light arrangements and 2 nos. of pedestrian paths were completed

4. **Physical Achievements made in the Annual Plan 2013-14:**

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

5. **Proposed Physical Targets for the Annual Plan 2014-15 :**

- Improvements of 42 nos. of road works will be completed.

- 27 nos. of widening & strengthening works will be completed.
- 43 nos. U drain, L drain, roadside drain and culvert works will be completed.
- Construction of 22 nos. of protection walls & safety measures works will be completed.
- 12nos. of periodical renewals will be completed.
- 4 nos. of cement concrete roads will be completed.
- 6 nos. of bridges will be completed.
- Entrance arch, pedestrain path, street light arrangement, cause way work, construction of bed dam and providing sign board in the roads will be completed.
- 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.
- Reconstruction of High Level across Guduvaiyar River in Puducherry.
- Reconstruction of de-labilated drain at various places in the U.T. of Puducherry.

Central Road Fund

- 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.
- 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.
- Reconstruction of High Level Bridge across Guduvaiyar river at RC. 18 Villianur Karikalampakkam road near Uruvaiyar in Villianur Commune, Puducherry.
- 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.
- Improvements to Vizhidiyur road in Karaikal.
- Improvements and widening to Vadamattam road in Nedungadu, Karaikal.

Negotiated Loan

- Construction of Kalayankatti Bridge across river Vanjiar at Thirunallar Road in Karaikal
- Improvements to Kumaran Kovil Street and Valluvar Street in Neravy
- Improvements to Vizhidiyur south pet road from Vizhidiyur main road to Kankeyan Channel at Neravy.
- Improvements to Manampet road from Vizhidiyur road to Manampet at Neravy.

- Improvements to Agammankudy road in Nedungadu.
- Improvement to the Devanoor salai in Kottucherry.
- Improvement to Konnakavali Road, Kottucherry Commune.
- Construction of single lane bridge across river Nandalar at Kulakudi village in Nendunkadu Commune.
- Strengthening and improvements to Kallayi-pandakal road in Mahe Region.
- Improvements and widening to Villianur Manavelly road from Arumparthapuram railway gate to IOC Bottling plant in Villianur Commune, Puducherry
- Improvements and widening to the Thangal road from Villianur Manavelly to RC.17 Odiampet in Villianur Commune, Puducherry
- Improvements to the Rc-26 Veerampattinam road in Ariyankuppam Commune, Puducherry
- Widening and Improvements to the road from Thookupalam junction to Thenpennaiyar river (Via Melparikalpet and Aratchikuppam) including widening of culvert and drain in Bahour Commune, Puducherry
- Widening and Improvements to the RC-28 Kanniakoil road starting from NH-45A junction(ECR) upto the junction of RC-33 & RC-27 roads near Mariamman Koil at Bahour, Puducherry(Ch.0/000 to 3/661 km)
- Improvements to the Vadamangalam road branching from NH 45A to Mangalam Old Police Station in Villianur Commune, Puducherry
- Improvements to Kuruvinatham road including widening from Bahour Fire station upto Irulanchandai state border in Bahour Commune, Puducherry
- Widening and improvements to the road from Kothapurinatham junction to Sanniyasikuppam-Indira nagar, Ayyanarkoil and branching roads to Sanniyasikuppampet, Puducherry
- Realignment, formation and improvements including soil stabilization and protection work to the RC.7 Suthukeny road from Katterikuppam junction to Mailam Paathai junction (Ch.5/050 to Ch.6/450km) in Mannadipet Commune, Puducherry
- Improvements to the roads around (Mada Veethi) Sri Thirukameswarar temple, Villianur, Puducherry
- Widening RC.13 Sellipet road from Pathukannu junction Sellipet bridge, Puducherry
- Protecting the RC.7 Valudavour road in Northern side abetting Suthukeny channel by constructing cement concrete wall from Kuttipalam to Koonimudakku junction, Puducherry
- Improvements to the RC.12 road from Perambai to Sankaraparani river odai through Konerikuppam village including Minor Bridge in Villianur Commune, Puducherry
- Improvements to the intermediate road between RC.16 Koodapakkam and NH-45A at Ariyapalayam connecting RC.12 road in Villianur Commune, Puducherry

- Protection of the side berm in RC.16 road from Villianur upto Pathukannu junction, Puducherry
- Improvements to Railway Bridge road from RC.12 Sanniyasikuppam road upto Railway Bridge, Puducherry
- Improvements to the Industrial road connecting from RC.22 Sedarapat to Katterikuppam in Thuthipet village, Puducherry
- Improvements to Sedarapat road connecting from RC.22 upto Mailam road in Sedarapat, Puducherry
- Improvements to the Poraiyur road connecting RC.4 and RC.16 in Villianur Commune, Puducherry
- Construction of bridge across river Malatar at Nettapakkam village, Puducherry
- Forming bye pass road connecting Kannikoil road from Thukupalam to road leading to Cuddalore on the right bank of Sitheri feeding channel
- Widening and improvements to Embalam Nathamedu junction, Sadakulam in Nettapakkam Commune, Puducherry
- Formation of new road from Kattukuppam ECR junction to Old Kamaraj nagar in Bahour Commune, Puducherry
- Widening and improvements to the road from ECR junction to Nallavadu in Ariyankuppam Commune, Puducherry
- Construction of bridge across river Vanjar at downstream side of the existing damaged Lemaire bridge connecting Puduthurai vilalge in Karaikal
- Formation of western bye-pass road in Karaikal (Phase-I)
- Improvements to Ponbethy Usupur road from Melaponbethy to Pandaravadai nin Nedungadu
- Improvements to road leading to Nallambal to Valathamangalam village in Thirunallar Commune
- Construction of single lane bridge cum regulator across river Vanjar connecting Keezhasubrayapuram and Melsakasakudy village in Nedungadu Commune
- Construction of new bridge across river Arasalar connecting Athipadugai and Oozhiyathu village in Thirunallar commune
- Improvements to the connecting road from Thalatherupet village to Keezha Kasakudymedu vilalge in Karaikal
- Improvements to the Edatheru road from Karudapalaya street to Vadaku vanjore road in T.R.Pattinam commune
- Improvements to the road leading to Agalancannu village in Thirunallar commune
- Improvements to road leading to Thiruvaskollai to Panakathankudy bridge at Neravy in Karaikal
- Improvements to road leading to Padutharkollai village in T.R.Pattinam
- Improvements to road leading to Melaoduthurai village from Vizhidiyur road to Mullaiyar bridge near Antoniyar koil pet in Karaikal

- Improvements to the road leading to Vettaikaranmedu Tsunami nagar from NH45A at Keezhakasakudy village in Karaikal
- Providing and laying transmission main from Vizhidiyur to Ammalchattram in South Zone of Karaikal District
- Raising the improvements to Palloor - Vayalanad road at Palloor, Mahe including the reforming and improvements to the drainage system
- Raising and improvements to Usman road at Chalakkara, Mahe including the reforming and improvements to the drainage system
- Construction of road over bridge over Uppar drain connecting Kamaraj Salai at Balaji Theatre bridge and Maraimalai Adial Salai at Newtowne Theatre bridge, Puducherry
- Modified Land Acquisition for the NH45A Marapalam to Murungapakkam River bridge in Olandai and Murungapakkam Revenue Villages, Puducherry
- Additional land acquisition for the bypass link road South of Natesan nagar in Olandai and Reddiarpalayam Revenue Village, Puducherry
- 20% share for development of Urban Infrastructure in Puducherry for construction of High Level bridge across Sankaraparani river at Ariyankuppam, Grade separator at Indira Gandhi Square and at Rajiv Gandhi Square
- Balance cost land acquisition for formation of Western Bye-pass road in Karaikal

JNNURM

- Construction of high level bridge across river Sankarabarani between km.28/800 and km.29/200 of NH-45A at Ariyapalayam, Puducherry.
- Construction of Grade Separator at Indira Gandhi square at the junction of NH-66 and NH-45A at CH 37/420 in Nellithope junction in Puducherry.
- Construction of Grade Separator at Rajiv Gandhi square at the junction of NH-66 Ch. 1/110, Puducherry.

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 made in the Annual Plan 2012-13 :

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

4. Physical Achievements made in the Annual Plan 2013-14:

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

5. Proposed Physical Targets for the Annual Plan 2014-15 :

- Improvements of 34 nos. of road works will be completed.
- 12 nos. of widening & strengthening works will be completed.
- 42 nos. U drain, L drain, roadside drain and culvert works will be completed.
- Construction of 32 nos. of protection walls & safety measures works will be completed.
- 42 nos. of periodical renewals will be completed.
- 3 no. of cement concrete road and 4 no. of desilting the drain will be completed
- Sign board in the road will be provided.
- Storm water drainage channel at various places will be provided.
- 2 nos. of entrance arch will be constructed.
- Construction of Railway bridge will be completed
- 3 nos. of retaining wall at the damaged road side will be completed
- Providing and fixing of mandatory sign board at required places will be provided.

6. Remarks : Continuing Scheme