

## URBAN DEVELOPMENT

Providing sewerage facilities and sewage treatment is as important as potable drinking water to the community since pollution caused by sewage is more dangerous from the health point of view. The Government of the U.T. of Puducherry is taking steady effort in the recent years to provide sewerage facilities and sewage treatment plants in the coastal cities and towns so that the domestic waste including industrial waste is not discharged into the sea without proper treatment. Considering fast growing urban population in the U.T. of Puducherry, it is proposed to cover the entire urban population of Puducherry region with underground sewerage system and further it is proposed to be extended for outlying regions also.

Puducherry sewerage system is divided in to 9 Zones, Zone 1 & 2, are fully covered to an extent of 25% of urban area. The Other Zone namely 3,4 & 5 are partially covered. The left out 6,7,8 & 9 are being taken up under JNNURM scheme. The scheme is proposed to commission during 2013.

During the Twelfth Five Year Plan, the waste water collected from the urban areas are conveyed and collected in 11 pumping stations and pumped to the existing treatment plants at Lawspet & Dubrayapet with a Total capacity of 17.50MLD. Under the JNNURM scheme 3 nos. of De-Centralised Treatment Plants each having capacity of 17 MLD (17x3=51MLD for the projected population) and the left out urban areas like Krishna Nagar and Sudhana Nagar the Sewerage facilities will be taken up apart from the urban area the Sewerage system is also proposed in Villianur Town and Ariyankuppam Town.

The Union Territory of Puducherry is one of the highly urbanized entities with 68% of the population living in urban areas. The density of population is 2,598 per sq.km in the U.T and as per the 2011 Census, it stands third among all U.Ts and States. Rapid industrialization and fast pace of developments in various sectors of economy and availability of infrastructure facilities in Puducherry have led to large scale migration from neighbouring States. The combination of these factors have naturally led to problems of shortages in housing and civic amenities, traffic congestion, emergence of new slums, environmental degradation etc.

The major problem in the U.T. is traffic congestion is due road network to hold the rapid increase of vehicles. In Order to reduce the traffic congestion a ring road has been

proposed connecting Nonankuppam and JIPMER passing through the villages viz. Nonankuppam, Ariyankuppam, Murungapakkam, Kompakkam, Odiampet, Reddiyarpalayam, Oulgaret and Thattanchavady. This outer ring road intersects the Puducherry Thindivanam Road ( NH-66), Puducherry - Villupuram Road ( NH-45A) and Puducherry - Cuddalore Road ( NH-45A). Necessary action may be taken to acquire lands and to form the outer ring road within the 12<sup>th</sup> Five Year Plan. Fly Over has been proposed by the Public Works Department over the 100 ft road from Marapalam to Sivaji Statue at Karuvadikuppam crossing Indira Gandhi & Rajiv Gandhi square to ease traffic system. It is also proposed to construct Over Bridges at the Railway crossings at i) Arumparthapuram, ii) Mudaliarpet and iii) Bonchere Street at Karamanikuppam to avoid traffic congestion along NH45A during train movement. It is also proposed to construct sub-ways wherever necessary.

The traffic problem is not only due to increase of vehicles and is also due to haphazard on-street parking. In order to have a planned parking, Multi Level parking may be constructed at various places in Puducherry to reduce the traffic congestion. Jawaharlal Nehru Street which is a Central Business District (CBD) has been permitted for on- street parking which causes heavy traffic congestion. Therefore, the land available at old prison is proposed to be utilized for construction of Multi-Level parking under PPP mode. Similarly, the entire corridor of Lalbahadure Sasthri Street and the South Boulevard which becomes Pre-Dominantly commercial area, faces heavy traffic congestion. As such, Multi-Level parking arrangements may be provided in the land available at old Bus Stand behind Kamban Kalaiyarangam. One more Multi-Level parking arrangements is proposed to be established in the market place Azeez Nagar( Land Transferred to Oulgaret Municipality by Town and Country Planning Department), since the entire corridor of NH-45A from Ellaipillai Chavady to Moolakulam become pre-dominantly commercial area which affects easy traffic flow due to On-Street parking. Suitable sites will also be identified at Muthiyalpet and Mudhaliarpet for construction of Multi-Level parking arrangements.

The present bus terminus located in the town is not able to meet the growing requirements of transport sector and often lead to congestion in the town. With the progress made in sectors such as Tourism, Industries, Education, Health, etc. the volume of Public Transport to and from Puducherry likely to witness substantial increase in the near futures. As such, an Inter-State Bus Terminus has been proposed to be established at

Arumbarthapuram. A Railway Station may also be established at Arumbarthapuram in addition to the existing Railway Station which is situated in the Boulevard town of Puducherry.

The existing town market in the busy Nehru Street results in severe congestion in the Central Business District of Puducherry. As such, establishment of Market outside the boulevard town is necessary. It is proposed to establish a Market Complex outside the Boulevard town.

It is proposed to review the Comprehensive Development Plan for Puducherry, Karaikal and Yanam regions using State of Art Technology. Further, it is proposed to prepare a Comprehensive Development Plan for Mahe Region.

#### **ACHIEVEMENTS DURING 2007-11**

- Sewerage scheme for the area covered by Kamaraj Salai, East Coast Road, Karuvadikuppam main road, Karuvadikuppam drain, Krishna Nagar Main Road and Annai Nagar (Zone-IV, Sector-III, Phase-I) (Block-I, Trunk Sewer, C.I. raising main and pump house), Puducherry.
- Construction of Pump house, Collection well, Compound Wall and purchase of pumpset and genset at Goubert Nagar.
- Providing and laying of D.I. pumping from IPS to Sithananda Koil, Fathima School to T.V. Nagar and Ambiga Theatre to MPS.
- Construction of secondary treatment plant at Lawspet.
- Concrete platform at PT & TDC.
- Construction of office cum laboratory at Lawspet
- Filter media at Lawspet
- Construction of secondary treatment, and re construction of Sewage Farm.
- Supplying, erection and commissioning 70 KVA at Suthanthiraponvizha Nagar.
- Filter Media at Dubrayapet
- Extension of sewerage facilities to newly developed area at Abdul Kalam Street, Muthialpet
- Sewerage scheme for the area covered by Airport Road West, Rajaji Nagar Main Road on East, Navalur Nedunchezhiyan School on North and Lawspet

Main Road on South (Zone V, Sector I, Phase I, Stage II) (Avvai Nagar, Rajaji Nagar and part of Ashok Nagar), Puducherry

- Construction of sewage pump house collection well at Goubert Nagar.
- Interlinking the collection wells at Suthanthiraponvizha Nagar
- Sewerage scheme for the area covered by Airport Road West, Rajaji Nagar Main Road on East, Navalar Nedunchezhiyan School on North and Lawspet Main Road on South (Zone V, Sector I, Phase I, Stage I) (Avvai Nagar, Rajaji Nagar and part of Ashok Nagar), Puducherry.
- Extension of sewerage facilities to Bharathidasan Street.
- Construction of sewage pumphouse Lawspet Scheme
- Retaining wall at Lawspet
- Supplying, erection and commissioning of pumpset at Dubrayapet.
- Recharging earthen ponds at Lawspet.
- Construction of sump and sluice valve chamber at Suthanthiraponvizha Nagar Pump house.
- Rectification work at uppar drain near Jeeva Nagar
- Protection work at near Suthanthiraponvizha Nagar pumphouse.
- Extension of sewerage facilities to VII Cross of Goubert Nagar.
- Supplying, erection and commissioning Flowmeter at Intermediate Pumping Station, Karuvadikuppam.
- Extension of sewerage facilities to the Vasantha Nagar.
- Purchase of jet suction machine.
- Extension of sewerage facilities to the newly formed Ist cross extension of Colas Nagar.
- Sewerage scheme for the area covered by Cuddalore road, Railway track, Jawahar Nagar and NH 45-A . (Zone-III, Sector-I, Phase-II) (Trunk Sewer, raising main and pump house )
- Providing raising main from Periyar nagar school to pumphouse and extension of sewerage facilities for the leftout area like Sundarrajan Nagar(East) and surrounding area in Zone-III, Sector-I.
- Extension of sewerage facilities to Jhonsi Naagr II cross and Indhu street and surrounding areas in Zone-III, Sector-I, Phase-I Pondicherry

- Providing and laying concrete platform around collection well and construction of compound wall at Drainage Pumping Station (PRTC Depot Site) Iyyanar Nagar, Puducherry.
- Sewerage scheme for the area covered by Airport Road on West, Rajaji Nagar Main Road on East, Navalar Nedunchezhiyan School on North and Lawspet Main Road on South (Zone-V, Sector-I, Phase-I, Stage-I) (Avvai Nagar, Rajaji Nagar and part of Ashok Nagar), Puducherry.
- Raising of existing manhole and IC at Rajagopalakiramani thottam, Chinnayapuram, Muthialpet, Puducherry.
- Urgent repairs to the sewer line and construction of two numbers of IC at Anna Salai and one manhole at Saint Theresa Street near Pudu Nagar Main Road junction, Puducherry.
- Providing and laying 350mm dia CI escape line for the Drainage Pumping Station at Suthanthiraponvizha Nagar, Puducherry.
- Extension of Sewerage Facilities to the newly formed Arokyamal Garden Main Road near Thirumudi Sedhuraman Nagar in Puducherry
- Strengthening the bund near Silk Cotton trees (Phase-I) ,Silk Cotton orchards (Phase-III) Sewage Farm and r Cashew orchards (Phase-II) Sewage Farm.
- Providing concrete platform round the collection well at Drainage Pumping Station at Suthanthiraponvizha Nagar, Puducherry.
- Laying of lateral sewer line intercepting chamber for the house in free plots at Thiruvallarkeni, Thamizhannai Nagar in Puducherry
- Raising of intercepting chamber and manhole at Thiruvallarkeni Nagar, Poyyakulam.
- Raising of intercepting chamber and manhole at Anandhamuthumariamman Koil Street, V.O.C. Street, Deivasigamani Street, Santhi Nagar Ist Cross, Santhi Nagar Main Road, Ilango Nagar 6th Cross extension and 3rd Cross extension in Zone-IV, Section-II in Puducherry.
- Laying of lateral sewer line intercepting chamber for the house in free plots at Jeeva Nagar in Puducherry Airport.
- Improvement works to the bund lining of the II & IV Oxidation pond in Sewage Farm at Lawspet.
- Providing effluent overflow arrangement at Sewage Farm.

- Sewerage scheme for the area covered by Airport Road West, Rajaji Nagar Main Road on East, Navalar Nedunchezhiyan School on North and Lawspet Main Road on South (Zone-V, Sector-I, Phase-I, Stage-I) (Avvai Nagar, Rajaji Nagar and part of Ashok Nagar), Puducherry (Balance work)
- Internal Electrification at Ist Floor of Bio-chemistry Lab at Main Pumping Station, Kuruchikuppam, Puducherry
- Extension of sewerage facilities to the left-out areas of Vasanth Nagar and Sooriya Gandhi Nagar at Muthialpet, Puducherry.
- Extension of sewerage facilities to the newly formed areas of Dr. Abdul Kalam Street near Vinoba Nagar in Puducherry.
- Extension of sewerage facilities to the left-out areas of Solai Nagar North (Cement road).
- Extension of sewerage facilities to the left-out areas of 7th and 8th Cross Streets of Angalamman Nagar at Muthialpet, Puducherry
- Providing and laying sewage facilities to Devanayagam Pillai Thottam of Muthialpet in Puducherry
- Extension of sewerage facilities to the left-out areas at Government free patta near Soukkupet area of Muthialpet, Puducherry.
- Raising of intecepting chambers and manhole at Thennan Salai Road in Puducherry.
- Extension of sewerage facilities to the newly formed areas of Thirumudi Sedhuraman Nagar 3rd Cross east near Balaji Nagar in Puducherry.
- Extension of sewerage facilities to the newly formed areas at Balaji Nagar in Puducherry.
- Laying of lateral sewer line from the intercepting chamber and raising of manhole and I.C. for the houses in the free plots at Chinnayanpet in Puducherry
- Extension of sewerage facilities to the newly formed areas at South of Kavikuil Nagar, V Cross in Puducherry.
- Raising of I.C. and Manhole at Poriyakulam.
- Extension of sewerage facilities to the newly formed area at Suthanthiraponvizha Nagar, Housing Board Complex, Puducherry
- Extension of sewerage facilities to the newly formed areas at Caprol Street at Vinoba Nagar , Western side of Kavikuil Nagar,rainbow Nagar X Cross West and western side of Kavikuil Nagar, Puducherry

- Extension of sewerage facilities to the newly formed areas of 6th Cross and its adjacent areas of Balaji Nagar near Thirumudi Sedhuraman Nagar, Puducherry.
- Proposed construction of 3 nos of I.C along with pipe line at Debasan Koil Street, T.V. Nagar, Routhar Gramini Thottam, Vaithikuppam and Gangai Amman Koil Street, Solai Nagar, Puducherry.
- Construction of Trunk Sewer at Lawspet Main Road, Laying D.I. raising main (Zone-V, Sector-I, Phase-I, Stage-IV).
- Extension of sewerage facilities to the Jeeva Nagar western side (newly developed area) in Puducherry.
- Extension of sewerage facilities to the left-out area of Kannadasan Street at Angalamman Nagar, Bajanaimadam Street and Nothare Thottam of Puducherry.
- Extension of sewerage facilities to the left-out areas of Manicka Mudaliar Thottam 2nd and 3rd Cross Streets of Muthialpet, Puducherry.
- Extension of sewerage facilities to the newly developed area of Solai Nagar North and Pattinathar Thottam, Muthialpet, Puducherry.
- Raising of I.C and manhole at Iyyanar Koil Street Ist and Ind Cross Street, Puliamarathu Street and 2nd Cross Street at Raja Nagar (Zone-IV Sector-II).
- Extension of sewerage facilities to the Rauthar Gramini Thottam near Ganesh Nagar at Muthialpet, Puducherry.
- Raising of I.C and manhole at Ezhaimariamman Koil Street, Anthoniar Koil Street, Arockiamatha Koil Street at Vambakeerapalaym, Puducherry.
- Raising of I.C. and manhole at Muthumariamman Koil Street at Vambakeerapalaym, Puducherry.
- Construction of Trunk Sewer at Lawspet Main Road, Laying D.I. raising main (Zone-V, Sector-I, Phase-I, Stage-IV).
- Supplying, erection and commissioning of 32 HP pumpset for Drainage Sub-Division.
- Supplying, erection and commissioning of 20 KVA Diesel Genset at Gandhi Nagar Pumphouse.
- Supplying, erection and commissioning of 20 KVA Diesel Genset at Debasanpet Pumphouse.
- Providing Concrete platform around the Collection well (Front Yard) at Drainage Pumphouse to Goubert Nagar.

- Purchase of high pressure jetting hose for Truck mounted jetting unit, Drainage Sub-Division, Puducherry.
- Supplying and stocking of D.I. pipes and C.I. specials for attending urgent repairs to pumping main from IPS to Sewage Farm, Lawspet.
- Providing and laying 700mm dia D.I. pumping main beyond 'Y' junction of Sewage Farm.
- Raising of intercepting chamber and manholes at various places, Puducherry.
- Raising of intercepting chambers and manhole at Kumaragurupallam from Kamaraj Salai to Andhra Maha Sabha in Puducherry.
- Raising of intercepting chambers and manhole at Left out area of the Lakshmi Nagar, Vinayaga Murugan Nagar and various place of Saram, Puducherry.
- Extension of sewerage facilities to the newly formed Dr. Abdul Kalam Street at Annai Theresa Nagar in Puducherry.
- Extension of sewerage facilities to the leftout areas free plots near Soukkupet areas of Muthialpet, Puducherry.
- Extension of sewerage facilities to the leftout areas of Thalapathy Nagar, Solai nagar, Muthialpet of Puducherry.
- Diverting the waste water generated from Kan Doctor Thottam area to Goubert Nagar Pumping Station, Puducherry
- Extension of sewerage facilities to the newly developed area of Ellamman Nagar near Lakshmi Nagar, Iyyappan Nagar, Palaniraja Udayar Nagar near Vinoba Nagar, Mettuma Nagar, Mahatma Nagar, Thangavel garden near Kavikuil Nagar & Thirumudi Sedhuraman Nagar in Puducherry.
- Replacement of RCC Trunk Sewer from SPS to MPS with DI pipes PhaseII.
- Purchasing one number of jetting suction machine 7000 litres capacity for the maintenance of sewerage system in Puducherry.
- Extension of sewerage facilities to the newly formed area of Palaniraja Udayar Nagar near Vinoba Nagar in Puducherry.
- Supplying, erecting and commissioning of multi length UV visible single beam spectrophotometer designed for water analysis in Bio-Chemistry Lab at Main Pumping Station at Kuruchikuppam, Puducherry.
- Supplying, erecting and commissioning of 30 KVA Diesel Genset for Colas Nagar Pumping Station, Puducherry.

- Sewerage scheme for the area covered by Lawspet main road, Samipillai Thottam road on ECR (Kennedy Garden, Karuvadikuppam and Surrounding areas) of Puducherry (Stage-I).
- Extension of sewerage facilities to the left-out area of Parry Nagar and Muthulingampet area of Lawspet, Puducherry.
- Extension of sewerage facilities to Kan Doctor Thottam slum clearance quarters, Goubert Nagar, Puducherry.
- Diverting Sewage from Sub Pumping Station at Bussy Street by providing and laying 300mm dia D.I. pumping main from Sub Pumping Station to Dubrayapet Sewage Treatment Plant, Puducherry.
- Renovation to the existing Bio Chemistry Laboratory situated at the campus of Main Pumping Station, Kuruchikuppam, Puducherry.
- Strengthening of earthen bund by providing PCC slab revetment at southern side of recharging pond no. 2 near Airstrip site in Sewage Farm at Lawspet, Puducherry.
- Construction trunk sewer Zone V for Lawspet scheme.
- Providing and laying sewerage facilities to the left-out areas in between Market road to Vth Cross of Ganesh Naqqar of Pappammal Koil Street in Muthialpet, Puducherry.
- Supplying, erection and commissioning of 20 HP non-clog stand-by submersible pumpset at Vambakeerapalayam Pumping Station, Puducherry.
- Extension of Sewerage Facilities to left out areas of Vth Cross Street, Pudu Nagar of Goubert Nagar in Puducherry.
- Providing and laying Effluent Disposal pipes from Sewage Farm, Lawspet, Puducherry.
- 19 -Nos of upgradation of road improvement works to a length of 6.0 km has been laid in Puducherry urban area.
- Improvements to the drainage work to a length of 1.40 Km has been carried out at various urban areas of Puducherry.
- 10- Nos. of Approach roads with side retaining wall to a total length of 2200 Mts has been laid comprising in all regions.
- Strengthening of road and improvement works viz., Canteen, Police Out post, Compound wall, rest room with toilet etc., in Truck Terminal at Mettupalayam, Puducherry.

- 5 – Nos. of Link Roads to a length of 1.50Km in Puducherry urban areas.
- Bus Shelters along Puducherry –Villupuram NH45A
- Cement concrete Pavement roads with ‘L’ drain / ‘U’ drain to a length of 2.25KM have been laid in the urban area of Puducherry.
- Formation and Remattalling work for a length of 1.65Km and Improvement of roads with ‘L’ drain / U drain to a length of 1.44Km have been undertaken within the urban area of Puducherry.
- 6 - Nos of Mini mast light at Reddiarpalayam, Arumbarthapuram, Sulthanpet in Puducherry have been installed.
- Salaries to the employees of the Town and Country Planning Department Comprising in all regions, Official computers, Plotter and Scanner, Xerox Copier Machines have been purchased and the Office of the Town and Country Planning, Puducherry has been renovated with additional construction of Lift provision.
- 20 Nos. of Cement concrete pavement road works with ‘L’ drain totaling a length of 5.65Km laid at 20 Nos. of slum. By these works, 23,355 slum dwellers have been benefited.
- 13 Nos. of Black topped roads with ‘L’ drain totaling a length of 3.78Km laid at 14 Nos. of slum areas. By these works, 8363 slum dwellers have been benefited.
- A lavatory block consisting of 10 W.C units has been constructed at Thulukkanathamman Nagar, Mudaliarpet, Puducherry .
- 8 – Nos. of Cement concrete pavement roads with ‘L’ drain totaling to a length of 1.18 Km and 2- Nos. of B.T roads of length 0.25 Km have been laid at 10 Nos of urban slum areas benefited 11980 slum dwellers of Puducherry U.T.
- The comprehensive Sewerage Project was approved at an estimated cost of ₹203.40 Crores to provide UG sewerage facilities in the Puducherry urban area of 42 Sq.Kms. covering population of 4.20 Lakhs as per 2001 Census. The work was awarded and preparatory activities have been commenced.
- The Integrated Solid Waste Management Project was approved at an estimated cost of ₹ 49.66 Crores in order to effect door to door collection in all the 102 Municipal wards in Puducherry Urban Agglomeration area and scientific disposal of solid wastes. The project was proposed to be implemented under

BOOT basis and selection of a private partner for establishing a Special Purpose Vehicle was under process.

- The project “Purchase of buses for urban transport under JNNURM scheme” was approved at an estimated cost of ₹ 16.15 Crores in order to improve the Public Transport system in the Puducherry Urban Area and work order to purchase 40 Non A/c semi-floor buses were issued.
- A project to augment the water supply to Yanam by drawing 3 cusecs of water from Dowlaiswaram through pipelines was approved at an estimated cost of ₹ 39.18 Crores and tenders have been floated for execution of the work.
- Bye-Laws have been amended to enforce Rain Water Harvesting System and for reuse of waste water in U.T. of Puducherry.
- The comprehensive Sewerage Project approved at an estimated cost of ₹203.40 Crores to provide UG sewerage facilities in the Puducherry urban areas was commenced and 21 KMS out of 282 KMS of sewer lines along with appurtenances were laid.
- The Integrated Solid Waste Management Project approved at an estimated cost of ₹ 49.66 Crores was implemented under BOOT basis and a Special Purpose Vehicle was established. Door to door collection of wastes were commenced in 65 out of 102 wards.
- In order to improve the Public Transport system in the Puducherry Urban Areas, 26 Non A/c semi-floor buses were procured under JNNURM scheme and the same were operationalized.
- The project to augment the water supply to Yanam was commenced. The pipe lines were procured and 8 KMS of pipeline out of 65 KMS have been laid. The Pump house works at Dowlaiswaram was commenced.

## **LIKELY ACHIEVEMENTS DURING 2011-12**

Provision and laying of new Ductile Iron Pumping, Extension of sewerage facility, sinking of new suction well, supplying, erection and commissioning of 20 HP Motor Pumpset, sewerage scheme to cover Lawspet main road, Samipillai Thottam on ECR, Inter linking to the newly laid main sewer lines, extension of sewerage facilities to left-out areas, desilting the oxidation ponds, desilting and removal of sludge, reconstruction of culvert etc. will be taken up at required places / areas.

- Purchase of Hard and soft wares for Town and Country Planning Department.
- Demarcation of High Tide Line in connection with the preparation of Coastal Regulation Zone Maps.
- Strengthening of the approach road to dumping Yard at Kurumbapet
- Improvements of roads and drains at various places in the urban areas of Puducherry region.
- Improvement works in the New Bus Stand at Puducherry.
- Improvement of parks. Providing and installation of Traffic signals at Villianur – Bye – Pass junction.
- Construction of Bus Shelters at various places.
- Improvements / developments to roads in the U.T.
- Providing basic amenities in the slum areas in the U.T. benefiting 10,000 slum dwellers.
- 75 KM out of 282 KM of sewer lines with appurtenances will be completed under the Comprehensive Underground Sewerage Project. The superstructure works for two out of 3 Sewage Treatment Plants will be completed and the third STP will be commenced after obtaining Puducherry Pollution Control Committee (PPCC) approval
- Collection and Transportation of Municipal Solid Wastes in all the 102 wards have been commenced under the Integrated Solid Waste Management Project.
- Under the project “Augmentation of Water Supply scheme for Yanam Town”, 40 KM out of 65 KM will be laid. Pump house superstructure works at Dowlaiswaram will be carried out.
- Construction of culvert at Besant Nagar Extension in Karaikal
- Construction of compound wall to the Park at Annai Grace Nagar, Karaikal
- Construction of culvert to the Entrance of Rajathji Nagar, Karaikal
- Construction of Urinal Block near Ammaiyyar Koil Tank, Karaikal
- Providing drainage arrangements to the A to B block and C to D block link road at Victoria Nagar.
- Providing cross culverts at IV, V & VI cross streets of Nadesan Nagar (west).
- Providing ‘U’ drain to the 1st cross street of Aruthura Nagar.
- Construction of Anganwadi building at Ambal Nagar.

- Improvements to the road and drain at Karaikalmedu (Western side of main road) in Karaikal

### **PROPOSED TARGETS FOR 2012-13**

- Reactivating the drainage channel connecting Bye-Pass road and Grand canal near Yasar Arafath nagar in Karaikal.
- Reconstruction of culvert across Karaikal channel at Thirunagarpet in Karaikal.
- Reactivating the branch channel in the northern side of Rajiv Gandhi stadium in Karaikal
- Desilting various urban channels of Karaikal Town.
- mpts. to the Pudukulam tank near regulator market committee Karaikal.
- Reconstruction of Sethilal nagar/ Indira nagar drain connecting Thomas Arul Street and infall point at Arasalar in Karaikal
- Reactivating the drainage channel connecting Bye-Pass road and Grand canal near Yasar Arafath nagar in Karaikal.
- Reconstruction of culvert across Karaikal channel at Thirunagarpet in Karaikal.
- Reactivating the branch channel in the northern side of Rajiv Gandhi stadium in Karaikal
- Desilting various urban channels of Karaikal Town.
- Impts. to the Pudukulam tank near regulator market committee Karaikal.
- Reconstruction of Sethilal nagar/ Indira nagar drain connecting Thomas arul Street and infall point at Arasalar in Karaikal
- Under extension of sewerage facilities to urbanisable area thirty seven number of works will be taken up.
- Extension of sewerage facilities to the left area of Parry Nagar and Muthulingampet area of Lawspet, Puducherry
- Improvement of Parks,
- Reconstruction of Goubert Market and H.M Kassim Market in Puducherry will be undertaken.
- Providing/installation of mini mast/ high mast
- light at various places.
- Construction of 'U' Drain and 'L' Drain at

- Various important roads
- Supply of barricades to the Police Department for regulation of Traffic flow.
- Salaries to the employees of the Town and Country Planning Department  
Comprising in all regions,
- Improvements / Construction of Night shelter,
- It is targeted to provide basic amenities in the slum areas to benefit 12,500 slum dwellers.
- 200 KMS out of 282 KMS of sewer lines with appurtenances will be completed under the Comprehensive Underground Sewerage Project. The Structural works for two out of 3 Sewage Treatment Plants will be completed and preliminary work for commissioning of STPs at Lawspet and Dubrayapet will be commenced.
- Processing of Solid Wastes and Landfill activities will be taken under the Integrated Solid Waste Management Project after the writ petition in the Hon'ble High of Chennai is dismissed.
- The Augmentation of Water Supply scheme for Yanam Town will be completed in all respects.
- A DPR for implementation of e-Governance in Municipalities will be prepared and after obtaining approval of Ministry of Urban Development, a Software Development Agency for implementation of E-Governance in the Puducherry and Oulgaret Municipalities will be selected under the National Mission Mode Project of JNNURM scheme.
- Negotiated Loan will be availed from HUDCO to meet the escalation in cost for implementation of the project "Comprehensive Underground Sewerage Scheme".
- Improvements to the South East corner Office building and Existing Gents toilet in Marie Building Campus
- Improvements to the Toilet Blocks at Jeevanandam School street and Karunagarapillai street in Nellithope, Puducherry
- Improvements to the Toilet Blocks at Eastern side of Rajiv Gandhi Bus Stand in Orleanpet, Puducherry
- Improvements to the Community Hall at Vazhaikulam, Puducherry
- Improvements to the Electrification to the Office Building at Nellithope Etat civil Building in Nellithope (Phase – I)

- Improvements to the Electrification to the Office Building at Nellithope Etat civil Building in Nellithope (Phase – II)
- Improvements to the Mahathma Gandhi Market (Saram Market) at Kosapalayam, Nellithope, Puducherry
- Construction of Market at Muthialpet
- Restoration and Structural strengthening of Marie Building Beach Road, Puducherry
- Improvement to the Burial Ground at Thengaithittu
- Construction of Compound wall (Southern side) at Christian Cemetery in Uppalam
- Providing internal Pathways to the Christian Cemetery in Uppalam
- Construction of Compound wall (Western side) at Christian Cemetery in Uppalam
- Reconstruction of Compound wall and U drain at Dumping Yard in Kurumbapet, Puducherry
- Repair / Rehabilitation of Bharathi Park, Puducherry
- Improvements to the Christian cemetery at Solai Nagar, Muthialpet, Puducherry
- Improvements to the Burial Ground at Orleanpet, Puducherry
- Proposed drain cum footpath near Kuthubiya Secondary Madrassa in Ward No.IX
- Construction of compound wall at Christian cemetery in Nellithope, Puducherry
- Improvements to the Pappammalle Koil burial ground at Vaithikuppam, Puducherry.

## OUTLAY AT A GLANCE

Sector : URBAN DEVELOPMENT

No. of Schemes : 10

Department : 1. TOWN AND COUNTRY PLANNING  
2. LOCAL ADMINISTRATION  
3. PUBLIC WORKS

(₹ in lakh)

Eleventh Five Year Plan 2007-12 Approved Outlay	:	58216.88
Annual Plan 2007-10 Actual Expenditure	:	16334.97
Annual Plan 2010-11 Actual Expenditure	:	6981.07
Annual Plan 2011-12 Approved Outlay	:	21854.55
Annual Plan 2011-12 Revised Outlay	:	5540.14
Twelfth Five Year Plan 2012-17 Tentative Outlay	:	212627.50
Annual Plan 2012-13 Proposed Outlay	:	21560.90

(₹ in lakh)

Sl. No.	Name of the Scheme	Annual Plan 2010-11	Annual Plan 2011-12	Twelfth Plan 2012-17 (Tentative Outlay)	Annual Plan 2012-13
		Actual Expdr.	Approved Outlay	Proposed Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)

### TOWN AND COUNTRY PLANNING

1.	Capital Development Project	2381.60	1150.00	--	--
2.	Environmental improvements in Urban Slums	62.49	80.00	--	--
3.	Town and Regional Planning	44.75	145.00	--	--
4.	Plan for Traffic and Transportation improvements of building	223.70	150.00	--	--
5.	Urban Infrastructure Governance and Urban Infrastructure Development scheme for Small and Medium Towns (JNNURM)	744.90	3750.00	--	--
	Negotiated Loan	--	4732.50	--	--
	<b>Sub- Total</b>	<b>3457.44</b>	<b>10007.50</b>	<b>--</b>	<b>--</b>

(₹ in lakh)

Sl. No.	Name of the Scheme	Annual Plan 2010-11	Annual Plan 2011-12	Twelfth Plan 2012-17 (Tentative Outlay)	Annual Plan 2012-13
		Actual Expdr.	Approved Outlay	Proposed Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)

**LOCAL ADMINISTRATION**

6.	Financial assistance to Municipalities for construction and improvement of building	535.92	357.75	--	--
7.	MLA Local Area Development Scheme	--	0.04	--	--
8.	Training and visits	--	5.00	--	--
9.	Swarna Jayanthi Shahari Rozgar Yojana	205.85	200.00	--	--
10.	Financial assistance to Municipalities for sanitation, solid and liquid waste management	1171.84	690.96	--	--
11.	Financial assistance to Municipalities for the revival of burial/ cremation ground	120.53	123.23	--	--
12.	Grants to Municipalities for development of villages under Perunthalaivar Kamarajar Village Renaissance scheme	170.00	170.00	--	--
13.	Strengthening of Municipal Administration	819.49	300.03	--	--
14.	Grant of untied funds to Municipalities	--	0.04	--	--
	Infrastructure Development - Negotiated Loan	--	1500.00	--	--
	<b>Sub-Total</b>	<b>3023.63</b>	<b>3347.05</b>	<b>--</b>	<b>--</b>

**PUBLIC WORKS**

15.	Creation and strengthening of integrated Urban infrastructure	--	75.00	--	--
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(₹ in lakh)

Sl. No.	Name of the Scheme	Annual Plan 2010-11	Annual Plan 2011-12	Twelfth Plan 2012-17 (Tentative Outlay)	Annual Plan 2012-13
		Actual Expdr.	Approved Outlay	Proposed Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)
16.	Sewerage project to cover remaining urban areas(JNNURM)	500.00	425.00	--	--
	Negotiated Loan	--	8000.00	--	--
	<b>Sub-Total</b>	<b>500.00</b>	<b>8500.00</b>	<b>--</b>	<b>--</b>

*Schemes for 2012-13 & 2012-17 after the Zero Based Budgeting Exercise*

**TOWN AND COUNTRY PLANNING**

1.	Urban infrastructure governance and Urban infrastructure development scheme for small and medium towns. (JNNURM)	--	--	11216.40	9966.40
2.	Town & Regional Planning - Capital Development - Transportation Improvement and Management Measures in Urban Areas	--	--	7350.00	1270.00
3.	Environmental Improvement in Urban Slums	--	--	600.00	100.00
	Negotiated Loan	--	--	9725.00	--
	<b>Sub- Total</b>	<b>--</b>	<b>--</b>	<b>28891.40</b>	<b>11336.40</b>

**LOCAL ADMINISTRATION**

4.	Grant-in-aid to Municipalities for provision of basic civic amenities, infrastructure facilities and other urban development activities (Tied Funds)	--	--	110995.00	3699.00
5.	Training and Visit	--	--	30.00	6.00
6.	Swarna Jayanthi Shahari Rozgar Yojana	--	--	1725.00	345.00
7.	Grant of untied funds to Municipalities	--	--	10000.00	2000.00

(₹ in lakh)

Sl. No.	Name of the Scheme	Annual Plan 2010-11	Annual Plan 2011-12	Twelfth Plan 2012-17 (Tentative Outlay)	Annual Plan 2012-13
		Actual Expdr.	Approved Outlay	Proposed Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)
8.	MLA's Local Area Development Scheme.	--	--	17000.00	3400.00
9.	Strengthening of Directorate of Local Administration (New scheme)	--	--	650.00	130.00
	<b>Sub-Total</b>	--	--	<b>140400.00</b>	<b>9580.00</b>
<b>PUBLIC WORKS</b>					
10.	Integrated Urban Development Project and Sewerage facilities in the sub-urban areas of Puducherry	--	--	3336.10	644.50
	Negotiated Loan	--	--	40000.00	--
	<b>Sub-Total</b>	--	--	<b>43336.10</b>	<b>644.50</b>
<b>Grand Total</b>		<b>6981.07</b>	<b>21854.55</b>	<b>212627.50</b>	<b>21560.90</b>

*Note: The number of schemes indicates with reference to Draft Annual Plan 2012-13.*