

FLOOD CONTROL

It is proposed to strengthen vulnerable banks of rivers / tanks / channels, construction of tail end regulators to moderate floods, desilt / deepen tanks and ponds to absorb floods, construction of new surface drains and locate new outfall points, combat sea erosion to protect life and property on the coast.

It is proposed to take up major works like construction of a barrage with two lane bridge connecting Uravayar and Villianur across Sangarabarani river (Rs.9.98 crores), improvements to Krishna Nagar drain (4.78 crores), improvements to Pillyarkuppam anaicut (97.00 lakhs), Improvements to drainage channel from J.J. Nagar to Vayalveli including construction of culvert (Rs.41.00 lakhs), Anti-sea erosion works of strengthening the existing rock revetment, Improvements to drainage channel from Villianur Manaveli to Thakkakuttai (Rs.43.62 lakhs), Construction of masonry drain from Muthialpet bridge upto Karuvadikuppam (Rs.27.50 lakhs), Construction of protection wall to Thengaithittu vaikal from Marapalam bridge to Thengaithittu lagoon, providing inspection tracks in various banks of the rivers, Improving drainage channels at various places, strengthening the banks of rivers and channels to avoid breaches in the banks during rainy season will be undertaken.

OUTLAY AT A GLANCE

Sector : FLOOD CONTROL

No. of Schemes : 4

Department : PUBLIC WORKS

(Rs. in lakh)

Tenth Plan 2002-07 Approved Outlay	:	2180.00
Annual Plan 2003-04 Actual Expenditure	:	878.88
Annual Plan 2004-05 Approved Outlay	:	1468.00
Annual Plan 2004-05 Revised Outlay	:	2670.00
Annual Plan 2005-06 Proposed Outlay	:	2885.00

(Rs. in lakh)

Sl. No.	Name of the Scheme	2003-04	2004-05		2005-06
		Actual Expenditure	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)
1.	Drainage Scheme	177.76	244.00	628.75	1155.00
2.	Embankment Scheme	525.59	1033.00	1753.04	1369.00
3.	Improvements to Drainage Channel	175.53	190.00	288.21	361.00
4.	Study on Sea-Wave Dynamics in Pondicherry	--	1.00	--	--
Total		878.88	1468.00	2670.00	2885.00

Scheme No. 1

Sector : FLOOD CONTROL

Implementing Department : PUBLIC WORKS

1. **Name of the Scheme** : Drainage Scheme
2. **Objective of the Scheme** :

The scheme is mainly for improvements to various surface drainage carriers by way of lining the existing canals, construction of 'U' drains and cross masonry structures, culverts, etc. Further, most of the urban drainage channels have to be protected with lining from Offtake point to infall point. The drainage system have to be properly protected and strengthened to avoid submerge of the residential areas during the rainy season.

3.(a) Actual physical Achievement 2003-04 :

- i. Extension of Thanthaiperiyar nagar drain upto Kaaganeri
- ii. Forming on earthen insp.track on RB of Oulgaret Mettuvoikal road
- iii. Reactivating the oulgaret pallavoikal from Gundu salai road culvert upto NH45A crossing near Jaya Nagar
- iv. Desilting the uppar drain between Vanarapet bridge D/S upto Colas Nagar bridge and the Oulgaret Mettuvoikal
- v. Disposal of earth debris and waste materials on the LB of grand canal between culvert on the rear side of sports complex opp.to Municipality workshop
- vi. Disposal of earth debris and waste materials on the LB of grand canal between cross deain at Rajiv Gandhi street to toilet near confluence pt.at Duprayapet
- vii. Impts. to the existing damaged pavement at open portion of grand canal from Aurobindo St to confluence pt at Duprayapet S/w Providing pavement for grand canal from subbiah salai .
- viii. Desilting of grand canal from subbiah salai to confluence pt in Duprayapet
- ix. P & L flooring confluence for damaged from flood rain portion on the eastern side of grand canal
- x. Re-construction of damaged culvert at Akkaraivattam village in Karaikal.
- xi. Providing drainage facilities to the Neravy channel near Kavundatheru culvert in Neravy.
- xii. Protecting the Right Bank of river Arasalar at Agalancannu above reservoir in Vizhidiyur village, Karaikal.
- xiii. Re-construction of Head Sluice wall Subrayapuram Paigal at drainage channel in Vanjiar above Lingathady regulator in Nedungadu Commune.
- xiv. Providing common retaining wall for Ammai voikal and proposed drainage channels from Ch. 4610m to 4950m in Neivachery.
- xv. Construction of 2 Nos. of foot bridge across river Noolar in Patchoor village.
- xvi. Construction of foot bridge across Vanjiar for making approach to Uthirangudy village in Thirunallar.
- xvii. Providing loose apron on the downstream of tailend regulator across river Thirumalairajanar.

- xviii. Construction of retaining wall and roadside drain on the eastern side of Vanjjar road from Kaziar Street upto Vallal Seethakathi Street in Karaikal.
- xix. Restoration of the inspection track leading Left Bank of Arasalar from Puduthurai village.
- xx. Construction of retaining wall and roadside drain on the eastern side of Vanjjar road from Kaziar Street upto Vallal Seethakathi Street in Karaikal.

(b) Anticipated Physical Achievement 2004-05 :

- i. Desilting the Gorimedu drain from Jipmer campus upto infall point in uppar drain, Pondicherry.
- ii. Construction of masonry drain from Kurumbapet Housing Board to Pitchaiveerampet, Pondicherry. S/w: Construction of masonry drain from Kalmedupet U drain to Mettuvoikal, Pondicherry.
- iii. Desilting and regular cleaning of uppar drain from Sithankudisai to confluence point with grand canal at Duprayapet in Pondicherry
- iv. Desilting and regular cleaning of Karuvadikuppam drain from Muthialpet bridge to outfall point
- v. Desilting the Saram drain from ECR junction upto infall point in Gorimedu drain near west Brindavanam in Pondy.
- vi. Desilting the surplus course and providing two nos. of pipe culvert at ch.0 /850 and 1/700 km at road crossing in the surplus course of Oussudu tank in Pondy.
- vii. Desilting and regular cleaning of saram drain.
- viii. Desilting and regular cleaning of Gorimedu drain.
- ix. Impts. to Krishna Nagar drain in Pondicherry. (from ECR pipe culvert near Sri Sankara Vidyalaya School to outfall into Rainbow Nagar drain) Phase-II
- x. Improvements to Kuthiraikutti channel from 7650m to 9190m.
- xi. Improvements to Pinnanthinni Vadigal from Pattinacherry road to infall point in T.R. Pattinam, Karaikal
- xii. Construction of culvert in Therkkuvveli voikal near Mariamman Koil Pet in T.R. Pattinam, Karaikal.
- xiii. Construction of foot bridge across Vanjjar river near Meerapalli Thottam at Kaziar Street, Karaikal.
- xiv. Improvements to Subrayapuram Pai voikal in Thirunallar Commune.
- xv. Improvements to Sethur bed dam at Noolar river in Thirunallar Commune.
- xvi. Protecting the RB of Arasalar above Bungalow Thottam.
- xvii. Protecting the LB of Arasalar below Agalancannu bed dam in Karaikal.
- xviii. Re-grading of Nanavoikal III Reach from Porayar road culvert to Thiruvettakudy road culvert.
- xix. Improvements to Pathakudy channel from Head Sluice to Ambagarathur Main Road in Thirunallar Commune.
- xx. Providing drainage facility to the Neravy channel near Kavundatheru culvert, Neravy in Karaikal.
- xxi. Protecting the LB of Arasalar above tailend regulator at Melaoduthurai village.

- xxii. Strengthening and improvements to the Valathamangalam Vadigal in Thirunallar Commune.
- xxiii. Re-construction of surplus escape channel regulator in Ammai voikal at Agalancannu.
- xxiv. Improvements to Pathakudy channel from Ambagarathur Main Road to Valathamangalam road culvert in Thirunallar Commune – II Phase.
- xxv. Improvements to Vadakattalai channel from offtake point to Nagore Road in Karaikal
- xxvi. Improvements to Nine vents regulator apron across Nandalar near Andoor.
- xxvii. Improvements to the banks of Pattinam channel.

(c) Programme envisaged for Annual Plan 2005-06 :

- i. Construction of drainage canal from Shanmugapuram-Vazhudavur salai to Annai Street
- ii. Construction of masonry drain from Kurumbapet Housing Board to Pitchaiveerampet, Pondicherry.
- iii. Impts. to Krishna Nagar drain, Pondicherry (construction of masonry drain from ECR to outfall point of Karuvadikuppam drain - Kandhan Kalyanamandapam) Phase -I
- iv. Desilting and regular cleaning of uppar drain from Sithankudisai to confluence point with grand canal at Duprayapet in Pondicherry.
- v. Impts. to Krishna Nagar drain in Pondicherry (from ECR culvert near Latha Steel to outfall point into Gorimedu drain) Phase -IV
- vi. Impts. to Drainage channel at Sulthanpet, Pondicherry.
- vii. Lining the channel running opposite to petrol bunk at Ariankuppam toll gate, Pondicherry.
- viii. Constn. of masonry drain in Pallavoikal on the western side of Siva Vishnu nagar and upto Velrampet road in Mudaliarpet Commune - Pondicherry.
- ix. Desilting the surplus course and providing two nos. of pipe culvert at ch.0 /850 and 1/700 km at road crossing in the surplus course of Oussudu tank in Pondy.
- x. Formation of inspection road on the R/B of Karuvadikuppam drain from Venus theatre to Muthialpet bridge, Pondicherry
- xi. Desilting and regular cleaning of uppar drain from Sithankudisai to confluence point with grand canal at Duprayapet in Pondicherry.
- xii. Desilting and Regular cleaning of Iyyanar Koil drain in from NH 45A road culvert at Nellithope Market to outfall point of uppar drain.
- xiii. Constn. Of masonry drain from Kadhirkamam to Kanaganeri
- xiv. Providing masonry drain for the Murungapakkam tanks supply channel from Thulukananthamman nagar to Marapalam at Velrampet in Pondicherry.
- xv. Desilting and regular cleaning of Karuvadikuppam drain from Muthialpet bridge to outfall point.
- xvi. Desilting and regular cleaning of saram drain and gorimedu drain.
- xvii. Improvements to Pinnanthinni Vadigal from Pattinacherry road to infall point in T.R. Pattinam, Karaikal

- xviii. Construction of culvert in Therkkuvveli voikal near Mariamman Koil Pet in T.R. Pattinam, Karaikal.
- xix. Improvements to the downstream apron and dumping boulders at Agalancannu bed dam in Karaikal.
- xx. Improvements to Sethur bed dam at Noolar river in Thirunallar Commune.
- xxi. Protecting the RB of Arasalar above Bungalow Thottam.
- xxii. Protecting the LB of Arasalar below Agalancannu bed dam in Karaikal.
- xxiii. Re-grading of Nanavoikal III Reach from Porayar road culvert to Thiruvettakudy road culvert.
- xxiv. Improvements to Pathakudy channel from Head Sluice to Ambagarathur Main Road in Thirunallar Commune.
- xxv. Providing drainage facility to the Neravy channel near Kavundatheru culvert, Neravy in Karaikal.
- xxvi. Protecting the LB of Arasalar above tailend regulator at Melaoduthurai village.
- xxvii. Strengthening and improvements to the Valathamangalam Vadigal in Thirunallar Commune.
- xxviii. Re-construction of surplus escape channel regulator in Ammai voikal at Agalancannu.
- xxix. Improvements to Pathakudy channel from Ambagarathur Main Road to Valathamangalam road culvert in Thirunallar Commune – II Phase .
- xxx. Improvements to Vadakattalai channel from offtake point to Nagore Road in Karaikal

4. **Remarks** : Continuing scheme

Scheme No. 2

Sector : FLOOD CONTROL

Implementing Department : PUBLIC WORKS

1. **Name of the Scheme** : Embankment Scheme

2. **Objective of the Scheme** :

This scheme is mainly intended for protection of banks of rivers and channels to avoid flood erosion and to protect the fields from inundation by construction of retaining walls, revetments, side drains, masonry drains, protection walls, footbridges, culverts, causeways, flood regulators and bridges.

3.(a) **Actual physical Achievement 2003-04 :**

- i. Const. of retaining wall on the outer toe of Nettapakkam tank
- ii. Providing revetment of Chinna voikal and periya voikal of Seliamedupet in Bahour
- iii. Desilting the bed of South pambiyar from PS Palayam bridge to Sanyasikuppam check dam

- iv. Const.of protection side wall in Mettupalayam voikal from Sanarapet to the infall point at Sh.puram vellawari
- v. Const.of causeway across Bahour tank surplus course connecting Seliamedu & Melezhipet rd.& format.of approach rd.& protct.work to the causeway in Bahour commune
- vi. Const.of side drain & lining in Sh.puram vellavari near Mettupalayam Industrial estate
- vii. Formation & const.of side drain & road in the Sh.puram vellavari from Vazhudur road to Kanaganeri mouth
- viii. Const.of barrage with two lane road bridge connecting Uruviyur & Villianur across Sankaraparani river
- ix. Const. of masonry drain in Karupati chl Thirumal nagar to Villianur church
- x. Const. of slab culvert across Vikkaravandy main chl. Ch.8822m in Kunitchempet village
- xi. Construction of foot bridge across Noolar near Kumarakudy village in Karaikal.
- xii. Removal of shoal and formation of road in the Right Bank of river Thirumalairajanar below Nagore Road Bridge Ch. 8807m to 10357m.
- xiii. Providing inspection track in the Left Bank of river Thirumalairajanar from Kavundatheru to Sanniyasi vadigal in T.R. Pattinam.
- xiv. Protecting the Right Bank of Uppanar river in southern zone reservoir at Keezhaoduthurai village in Karaikal.
- xv. Protecting the eroded Left Bank of Grand Canal in the left out portion between Right Bank 320m to 1112m in Kottucherry Commune.
- xvi. Formation of common bund between Arasalar and Nelli voikal and filling up low lying area proposed for the Water Treatment Plant at Melaoduthurai by removal of shoal along the river bund of Arasalar.
- xvii. Providing inspection path and approach culvert across Ambagarathur Vadigal near Kollapuram Pai voikal syphon.
- xviii. Improvements to T.R. Pattinam channel in Karaikal.
- xix. Protecting and strengthening the Left Bank of Thirumalairajanar river below Nagore Road Bridge in Karaikal.
- xx. Providing BT to the Left Bank of Thirumalairajanar below Nagore Road Bridge.
- xxi. Providing chain link in the Left Bank of Thirumalairajanar below Nagore Road Bridge near tailend regulator.
- xxii. Strengthening the Arasalar river Bank from Athipadugai to Agalancannu bed dam in Karaikal.
- xxiii. Protecting and raising the Left Bank of Arasalar near Puduthurai village in Karaikal.
- xxiv. Protecting and strengthening the both banks of Noolar (left out portion) from Nallambal regulator to Sethur Road Bridge in Thirunallar Commune.
- xxv. Construction of foot bridge across Noolar near Avvaiyarmoolai at Valathamangalam in Thirunallar Commune.
- xxvi. Improvements to the inspection path of Noolar from Sethur road culvert to Valathamangalam in Thirunallar Commune.

- xxvii. Removal of shoal and formation of road in the Right Bank of river Thirumalairajanar below Nagore Road Bridge Ch. 8807m to 10357m.
- xxviii. Providing inspection track in the Left Bank of river Thirumalairajanar from Kavundatheru to Sanniyasi vadigal in T.R. Pattinam.
- xxix. Protecting the Right Bank of Uppanar river in southern zone reservoir at Keezhaoduthurai village in Karaikal.
- xxx. Protecting the eroded Left Bank of Grand Canal in the left out portion between Right Bank 320m to 1112m in Kottucherry Commune.
- xxxi. Formation of common bund between Arasalar and Nelli voikal and filling up low lying area proposed for the Water Treatment Plant at Melaoduthurai by removal of shoal along the river bund of Arasalar.

(b) Anticipated Physical Achievement 2004-05 :

- i. Construction of protection sidewall at Mettupalayam voikal from Sanarapet to infall point at Shanmugapuram Vellavari, Pondicherry.
- ii. Constn. Of culvert across Karuvadikuppam drain at Vellavari street, Pondicherry.
- iii. Constn. Of masonry drain from Muthialpet bridge upto Venus theatre
- iv. Construction of a barrage with two lane bridge connecting Uruvaiyar and Villianur across Sankaraparani river at Villianur.
- v. Construction of protection wall to Thengaithittu voikal from Marapalam bridge to Thengaithittu lagoon including construction of 2 culverts in Pondicherry
- vi. Bahour tank revetment at Aranganur sluice to weir
- vii. Formation of flood bank at Thengaithittu village with desilted earth from Olandai & Murungapakkam
- viii. Construction of retaining wall at the LB of Noolar near Valathamangalam road bridge in Thirunallar Commune.
- ix. Improvements to the RB of Thirumalairajanar above tailend regulator, Karaikal.
- x. Improvements and strengthening the Ambagarathur channel in Thirunallar Commune
- xi. Improvements to inspection track in the Left Bank of Neravy channel from Mullaiyar road in Kakamozhi village.
- xii. Standardisation of the LB and RB Noolar in weaker sections between Sethur road culvert and Valathamangalam road bridge.
- xiii. Construction of common retaining wall for Pathakudy and Valathamangalam channel in Thirunallar.
- xiv. Construction of foot bridge across river Noolar at Kumarakudy village in Karaikal.
- xv. Construction of culvert across Thalaganiyar near Thondamangalam Pet.
- xvi. Construction of culvert at Kottucherry
- xvii. Standardisation of Karukuthy channel from offtake point to infall point in Kottucherry Commune.
- xviii. Providing inspection track in the LB of river Thirumalairajanar from Kavundatheru to Sanniyasi vadigal in Karaikal.
- xix. Providing black topping to the inspection track in the RB of Thirumalairajanar below Nagore Road in T.R. Pattinam.

- xx. Providing inspection path and approach culvert across Ambagarathur Vadigal near Kollapuram voikal syphon.
- xxi. Improvements to the inspection track of Thalatheru channel from Lingathady regulator to Porayar road culvert
- xxii. Providing BT to the inspection track in the LB of Thirumalairajanar below Nagore Road Bridge.
- xxiii. Improvements to the inspection path of Noolar from Sethur to Valathamangalam in Thirunallar Commune.
- xxiv. Protecting and strengthening both banks of Noolar (left out portion) from Nallambal regulator to Sethur road culvert in Thirunallar, Karaikal.
- xxv. Protecting the banks and providing rectification works to the Thalatheru channel above Porayar road culvert.
- xxvi. Construction of compound wall to the proposed section office above Nagore Road Bridge.
- xxvii. Providing the inspection track from Alathur Iron Bridge to Manampet regulator.
- xxviii. Forming Metalling and BT to the Kakamozhi road culvert to Alathur Iron Bridge.
- xxix. Bank protection of Chalakkara channel 1st reach from Usman road towards West.
- xxx. Providing rough stone pitching along Mahe river bank from Rivera house to Boat house at Various places
- xxxi. Bank protection of Ponniam river on the down stream of Moolakadavu channel.
- xxxii. Construction of drain and culvert near Poleramma temple at New bus stand in Yanam. (on going Work)
- xxxiii. Construction of flood regulator on the Ring bund at Iyyanna Nagar at Farampeta village in Yanam. (on going Work)
- xxxiv. Protecting the Farampeta Society Lands in Yanam. (New Work)
- xxxv. Protecting the Left bank of Godavari river at Valunerable reaches prone to erosion in Yanam. (New Work)
- xxxvi. Replishing with stones the sunken portion of the River Protection of the River protecting works wherever required from Ferry to Yedurlanka bridge in Yanam. (New Work)
- xxxvii. Protecting the Godavari river margin in Dariyalathippa Near Durga temple in Yanam. (New Work)
- xxxviii. Construction of R.C.C. retaining wall from seethampeta to Mettacuru in Yanam. (New Work)
- xxxix. Construction of bathing Ghat near Kanakalapeta Yanam. (New Work)
- xl. Construction of Foot Bridge across creak at Gurempeta village, Yanam. (New Work)
- xli. Construction of Boating berth at Savithri nagar village in Yanam. (New Work)
- xl.ii. Forming Gravel and WBM road on Savithri Nagar ring bund, Yanam. (New Work)
- xl.iii. Forming Gravel and WBM road on Gurempeta Nagar ring bund, Yanam. (New Work)
- xl.ii. Laying approach road and construction of steps at Banyans tree in Dariyalathippa village in Yanam. (New Work)

(c) Programme envisaged for Annual Plan 2005-06 :

- i. Protecting the Left bank and right bank of Nettapakkam Feeder canal.
- ii. Bahour tank revetment at Aranganur sluice to weir
- iii. Impts. to the Irrigation channel at Moolakulam village.
- iv. Protecting the Left bank & Right bank of Pambaiyar on the Down stream side of Silkaripalayam bed dam
- v. Formation of flood bank on the Left bank of Chunnambar at Nonankuppam village
- vi. Protecting the eroded right bank and left bank of Sankarparani river below sellipet causeway upto confluence point of Pambai river.
- vii. Improvements to the link channel from the confluence point (uppar drain and grand canal junction) to the dredged canal in Pondicherry.
- viii. Construction of a barrage with two lane bridge connecting Uruvaiyar and Villianur across Sankaraparani river at Villianur.
- ix. Construction of protection wall to Thengaithittu voikal from from Marapalam bridge to Thengaithittu lagoon including construction of 2 culverts in Pondicherry.
- x. Providing revetment and ramp to the left bank of the river Pennaiyar at Manamedu village in Bahour Commune.
- xi. Construction of foot bridge across river Noolar at Kumarakudy village in Karaikal.
- xii. Construction of culvert across Thalaganiyar near Thondamangalam Pet.
- xiii. Construction of culvert across Kottucherry.
- xiv. Construction of culvert across Thalaganiyar (North) at Thondamangalam
- xv. Providing BT to the inspection track in the LB of Thirumalairajanar below Nagore Road Bridge.
- xvi. Protecting and strengthening both banks of Noolar (left out portion) from Nallambal regulator to Sethur road culvert in Thirunallar, Karaikal.
- xvii. Protecting the banks and providing rectification works to the Thalatheru channel above Porayar road culvert.
- xviii. Construction of compound wall to the proposed section office above Nagore Road Bridge.
- xix. Providing the inspection track from Alathur Iron Bridge to Manampet regulator.
- xx. Forming Metalling and BT to the Kakamozhi road culvert to Alathur Iron Bridge.
- xxi. Bank protection of Ponniam river on the down stream of Moolakadavu channel. (new work)
- xxii. Protecting the Farampeta Society Lands in Yanam. (New Work)
- xxiii. Protecting the Left bank of Godavari river at Valunerable reaches prone to erosion in Yanam. (New Work)
- xxiv. Replishing with stones the sunken portion of the River Protection of the River protecting works wherever required from Ferry to Yedurlanka bridge in Yanam. (New Work)

- xxv. Protecting the Godavari river margin in Dariyalathippa Near Durga temple in Yanam. (New Work)
- xxvi. Construction of R.C.C. retaining wall from seethampeta to Mettacuru in Yanam. (New Work)
- xxvii. Protecting the Coringa river margin Near tidal lock in Yanam. (New Work)(28.00 Lakhs)
- xxviii. Protecting the Left bank of Godavari river at vulnerable reaches prone to erosion in Yanam. (New Work)(44.00 Lakhs)
- xxix. Construction of bathing Ghat near Kanakalapeta Yanam. (New Work)(10.00 Lakhs)
- xxx. Construction of Foot Bridge across creak at Gurempeta village, Yanam. (New Work)(44.00 Lakhs)
- xxxi. Construction of Boating berth at Savithri nagar village in Yanam. (New Work)(30.00 Lakhs)
- xxxii. Forming Gravel and WBM road on Savithri Nagar ring bund, Yanam. (New Work)(4.00 Lakhs)
- xxxiii. Forming Gravel and WBM road on Gurempeta Nagar ring bund, Yanam. (New Work)(8.00 Lakhs)
- xxxiv. Laying approach road and construction of steps at Banyans tree in Dariyalathippa village in Yanam. (New Work) (10.00 Lakhs)
- xxxv. Replenishment by Granite boulders in the weak Points at Dariyalathippa village, Yanam. (New Work)(80.00 Lakhs)
- xxxvi. Protection to the Island No.3 in Dariyalathippa village, Yanam. (New Work) (144.00 Lakhs)
- xxxvii. Protection to the balance portion of Godavari river at Dariyalathippa , Yanam. (New Work)(50.00 Lakhs)
- xxxviii. Protecting the left bank of coringa river from mouth at Godavari river to tidal lock in Yanam. (New Work)(25.00 Lakhs)

4. Remarks : Continuing scheme

Scheme No. 3

Sector : FLOOD CONTROL

Implementing Department : PUBLIC WORKS

1. Name of the Scheme : Improvements to Drainage Channel

2. Objective of the Scheme :

Deepening, levelling, lining of channels for effective and quick draining of flood to safeguard the standing crops.

3.(a) Actual physical Achievement 2003-04 :

- i. Providing protection work to secondary FC of Maducari from Veerankulam
- ii. Reactivating the pallavoikal from south of NH 45A near Ozhukarai to railway crossing ch.7400 - 8950m
- iii. Reactivate the Pallavoikal from railway culvert crossing to Marapalam ch.8950 to 10500m
- iv. Impts.to the calingula surplus course from Manapet puthu thangal to Mullodai regulator
- v. Construction of culvert across Mudalimedu channel near Power Corporation in Karaikal.
- vi. Protection the banks of Nallambal channel from offtake point to infall point in Karaikal.
- vii. Protecting the banks of Madhur channel in Karaikal.
- viii. Construction of foot bridge across river Noolar at Karukkangudy village in Thirunallar Commune.
- ix. Urgent Repairs to the approach road leading to the Nallambal regulator.
- x. Providing and strengthening the banks of Noolar from Thenoor road culvert to Poomulayanamangalam in Thirunallar.
- xi. Construction of retaining wall on the Right Bank of Noolar and providing skip at Karukkangudy village, Karaikal.
- xii. Providing surface water lifting facility at Ammaivoikal and Puduthurai voikal from Arasalar tailend regulator.
- xiii. Protecting and strengthening Arasalar river bank opposite to Angalamman Koil at Athipadugai village.

(b) Anticipated Physical Achievement 2004-05 :

- i. Regarding of Anna Nagar drain from starting point to culvert across East coast road near Nalla Petrol Bunk in Pondicherry.
- ii. Impts. to drainage channel from Pudhunagar through Jhon paul Nagar, V.V.Nagar, Erappallam upto infall point at Chunnambar in Ariankuppam.
- iii. Constn. Of masonry drain from Muthialpet bridge upto Karuvadikuppam
- iv. Constn. Of a masonry drain for the Branch channel of Pallavoikal near ECR at Mariamman Koil Nagar, Pondicherry.
- v. Forming inspection path and construction of masonry drain in the leftout portion of Subbaiah Nagar canal in Thattanchavady Pondicherry.
- vi. Desilting the Bahour surplus course from Cuddalore road bridge upto Pannithittu regulator in Bahour commune.
- vii. Standardizing the banks of Sadayan channel from 1975m to 2585m.
- viii. Improvements to the left out portion in the RB of Pravadayananar above Nagore Road Bridge in T.R. Pattinam, Karaikal.
- ix. Removal of shoal in Thirumalairajanar below Manampet regulator at various places in Karaikal.

- x. Improving the inspection path of Arasalar from Neivachery village.
- xi. Construction of tailend regulator at Melaoduthurai.
- xii. Protecting both banks of Subrayapuram escape channel above and below Subrayapuram regulator (left out portion in Karaikal).
- xiii. Construction of road culvert at Oduthurai channel at Thooduponamoolai village at Karaikal.
- xiv. Diversion of Grand Canal in Koozhaiyar drainage below tailend regulator at Kazhugumedu in Nandalar.
- xv. Construction of regulator-cum-culvert across diversion of Nellivoikal including protection work at Puduthurai village
- xvi. Protecting the LB of Pannai voikal from Eari Madagu cross regulator to Chettikottagam Mini Lake.
- xvii. Desilting of channels and rivers in Karaikal Region.
- xviii. Protecting the Adipallam channel in Vanjore village.
- xix. Land Acquisition for diversion of Nellivoikal at Dharmapuram village.

(c) Programme envisaged for Annual Plan 2005-06 :

- i. Constn. Of masonry drain from Muthialpet bridge upto Karuvadikuppam.
- ii. Constn. Of a masonry drain for the Branch channel of Pallavoikal near ECR at Mariamman Koil Nagar, Pondicherry.
- iii. Desilting the Bahour surplus course from Cuddalore road bridge upto Pannithittu regulator in Bahour commune.
- iv. Reconstruction of culvert across Karuvadikuppam drain at Krishna Nagar road near Ambiga theatre
- v. Construction of masonry drain from Mohamadiya Nagar upto Sulthanpet
- vi. Constn. Of masonry drain from Engineer Colony to Pallavoikal in Olandai supply channel in Pondicherry.
- vii. Desilting the drainage channel in Khandanpet village upto ECR.
- viii. Standardizing the banks of Sadayan channel from 1975m to 2585m.
- ix. Removal of shoal in Thirumalairajanar below Manampet regulator at various places in Karaikal.
- x. Diversion of Grand Canal in Koozhaiyar drainage below tailend regulator at Kazhugumedu in Nandalar.
- xi. Construction of regulator-cum-culvert across diversion of Nellivoikal including protection work at Puduthurai village
- xii. Protecting the LB of Pannai voikal from Eari Madagu cross regulator to Chettikottagam Mini Lake.
- xiii. Desilting of channels and rivers in Karaikal Region.
- xiv. Protecting the Adipallam channel in Vanjore village.
- xv. Land Acquisition for diversion of Nellivoikal at Dharmapuram village.

4. Remarks : Continuing scheme.

Scheme No. 4

Sector : FLOOD CONTROL

Implementing Department : PUBLIC WORKS

1. **Name of the Scheme** : Study on Sea Wave Dynamics in Pondicherry.
2. **Objective of the Scheme** : To study the dynamics of sea waves.
- 3.(a) **Actual physical Achievement 2003-04 :**
Study on sea wave dynamics.
- (b) **Anticipated Physical Achievement 2004-05 :** --
- (c) **Programme envisaged for Annual Plan 2005-06 :** --
4. **Remarks** : Continuing Scheme