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Public works Department

Madras State

Administration Report

1952-53

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PUBLIC WORKS DEPARTMENT
MADRAS STATE

ADMINISTRATION REPORT

FOR THE YEAR

1952-53

PART I-A

(NARRATIVE PORTION)

PART I-B (STATISTICAL PORTION) AND
PART II (IRRIGATION)
WILL BE ISSUED SEPARATELY

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ADMINISTRATION REPORT OF THE PUBLIC WORKS
DEPARTMENT, MADRAS STATE, FOR THE YEAR 1952-53.

PART I-A (NARRATIVE PORTION)

I. ADDITIONS AND ALTERATIONS TO TERRITORIAL CHARGES.

(1) ANANTAPUR CIRCLE.

1. This circle formed on 16th July 1943 on a temporary basis was made permanent.

2. The special division formed on 16th March 1946 for the reclamation of the Kurnool-Cuddapah canal lagoons with headquarters at Nandikotkur and then converted into a special division for investigation of Grow More Food schemes and other abandoned project works in the Ceded districts with headquarters at Anantapur continued to function throughout the year. The division was converted into an executive division from April to August 1952 for the purpose of carrying out famine relief works.

3. The Upper Pennar Project Division formed on 19th December 1950, continued to function with three subdivisions. One of these three subdivisions was temporarily closed from 1st July 1952 to 17th October 1952. The headquarters of the division was shifted from Anantapur to Perur on 15th November 1952.

4. The Grow More Food Division at Kurnool was continued.

5. The Pennar Kumudavathi subdivision formed on 29th May 1950 and attached to the Upper Pennar Project Division was closed on 30th November 1952.

6. The special subdivision at Eguvacherlopalle formed for the execution of the scheme of formation of tank across Tigaloru in Markapur taluk, Kurnool district, was closed on 31st January 1953.

7. The special subdivision for the Goderu Project was closed on 30th September 1952.

8. The T. R. S. subdivision formed at Anantapur on 9th August 1948 was shifted to Bellary from 1st October 1952. It was continued throughout the year.

9. A special subdivision for Bhairavanitippa Project was formed on 21st April 1952, forenoon. It was however closed on 30th June 1952.

10. One special subdivision was formed at Badvel on 4th May 1952 for carrying out Lower Sagileru Project.

11. The following subdivisions were continued during the year :—

(1) Subdivision formed at Madanapalle on 5th July 1948 for investigation and extension of Tank Restoration Scheme works in Chittoor district.

(2) Special subdivision at Panyam for the construction of a reservoir across the Kollimayulavagu near Panyam in Nandyal taluk of Kurnool district.

(3) Subdivision formed at Markapur on 9th April 1950.

(2) COIMBATORE CIRCLE.

A special division bifurcating the Coimbatore division was formed on 12th December 1952 with headquarters at Coimbatore. The following subdivisions were transferred to it from the Coimbatore division :—

(1) Special subdivision at Coimbatore for the execution of municipal works.

(2) Perumugai Athani branch channel subdivision at Gobichettipalayam.

(3) Quinine Factory subdivision.

(4) Special subdivision at Udamalpet for investigation of Tirumurthi Hill Reservoir Scheme.

The division was closed on 31st March 1953, afternoon.

2. The Special Division formed on 1st January 1952 for the Mangalam Reservoir Project was closed on 5th June 1952, afternoon.

3. Details of subdivisions that were closed in the course of the year are—

Subdivision.	Date of closure.
(1) Special works subdivision, Coimbatore	30th September 1952.
(2) Special subdivision at Coimbatore for investigation of Irrigation Schemes in Coimbatore, Salem and North Arcot districts.	18th July 1952.
(3) Special subdivision for investigation of Tirumurthy Hills Reservoir Scheme.	11th January 1953.
(4) Perumugai Athani Branch Channel subdivision	31st March 1953.
(5) Walayar subdivision	10th May 1952.
(6) Special subdivision for investigation of Grow More Food Schemes in South Malabar.	12th July 1952.
(7) Grow More Food subdivision at Mangalore	31st March 1953.

4. On the abolition of the special division at Coimbatore on 31st March 1953, after-noon the Quinine Factory subdivision and the Special Works subdivision were retransferred to Coimbatore Division.

5. When the Mangalam Reservoir Division was closed on 5th June 1952, the Mangalam-cum-Walayar subdivision was transferred to West Coast Division. On 20th February 1953, the Walayar Project work was transferred to the control of the Executive Engineer, Lower Bhavani Project Head Works Division.

(3) DOWLAISHWARAM CIRCLE.

1. *Visakhapatnam Division*.—King George Hospital subdivision and Andhra Medical College subdivision were continued.

2. *Srikakulam Division*.—The division was continued during the year. When the Grow More Food Division, Vizianagaram, was abolished on 16th October 1952, the Amdalavalasa subdivision with six sections and Ummigedda Section were transferred to this division. These charges were ultimately abolished on 31st March 1953.

3. *Godavari Central Division*.—A special subdivision was formed on 26th December 1952 at Amalapuram for the execution of urgent repairs and improvements to drains in the Delta.

3-1. The special subdivision formed at Rajahmundry for work connected with the construction of new buildings for the Government Arts College, Rajahmundry, was continued.

4. *Godavari Western Division*.—The temporary subdivision formed at Narasapur on 22nd January 1952 for the execution of urgent repairs and improvements to drains in the delta was continued.

5. *Godavari Special Division*.—This special division at Eluru was continued.

5-1. The Grow More Food No. I subdivision at Nidadavole was closed on 30th September 1952.

5-2. The Grow More Food No. II subdivision at Narasapur was closed on 31st March 1953.

6. *Godavari Eastern Division*.—One special subdivision was formed at Kakinada on 16th February 1953 for the tidal bank.

7. *Grow More Food Division, Vizianagaram*.—The division was closed on 16th October 1952, forenoon when Amdalavalasa subdivision with six sections and Ummigedda section were transferred to Srikakulam Division.

8. *Coringa Island Project Division*.—This special division at Kakinada was continued.

9. *Vamsadhara Reservoir Investigation Division*.—This special division was formed at Vizianagaram on 2nd January 1953. It had three subdivisions.

(4) MADRAS CIRCLE.

The following temporary divisions continued throughout the year :—

- (1) Buckingham Canal Division at Nellore.
- (2) Special Irrigation Division, Madras.
- (3) Rallapad Division, Kandukur.
- (4) Araniar Project Division, Madras.
- (5) Kistna-Pennar Project No. I Division, Madras.
- (6) Do. No. II, Division, Madras.

2. The Kistna-Pennar Project Divisions were transferred to the control of the Designs Engineer with effect from 1st February 1953.

3. The following subdivisions were closed during the year :—

Chingleput Division.—Special Investigation subdivision closed on 31st March 1953.

North Presidency Division.—Nurses Home subdivision closed on 31st October 1952.

South Presidency Division.—Assembly House sub-division closed on 28th February 1953.

(5) TANJORE CIRCLE.

1. *Cauvery Division*.—One supervisor was employed from 1st October 1952 to 6th March 1953 for investigation of drains in Cauvery delta.

1.1. One supervisor was employed for nine months from 1st June 1952 for conducting gaugings.

2. *Vennar Division*.—The special subdivision formed at Tiruturaipundi on 1st January 1951 for attending to the balance of works in the Key Schemes was continued up to 30th September 1952. One supervisor was retained for the work upto 31st March 1953.

2.1. One supervisor was employed for nine months from 1st June 1952 for conducting gaugings.

3. *Grand Anicut Canal Division*.—The special subdivision formed at Tanjore on 17th August 1950 for the execution of Olavayal Channel extension was continued till 30th September 1952. One supervisor was continued beyond that date for attending to the balance of work.

3.1. One supervisor was continued for attending to the balance of work of the Narasinga Cauvery Scheme.

3.2. One supervisor was employed for nine months from 1st June 1952 for conducting gaugings.

4. *River Conservancy Division*.—The supervisor employed for the maintenance of the Raja Kumarapalayam and Mohanur Channels transferred from the Revenue department was continued.

5. *South Arcot Division*.—The special subdivision formed for improvements to minor irrigation source in South Arcot district was closed on 7th March 1953.

5.1. One special supervisor was employed from 13th October 1952 for attending to the Inspection of buildings under construction by the Cuddalore Co-operative House Building Society and for the valuation of buildings.

6. *Special Investigation Division, Tiruchirappalli*.—This division which was under the control of the Tiruchirappalli Circle was transferred to Tanjore Circle on 19th August 1952, forenoon. It was closed on 25th January 1953.

7. *Manimuthar Project Headworks Division*.—This division along with five subdivisions was transferred from Tiruchirappalli Circle to Tanjore Circle, with effect from 19th August 1952, forenoon.

(6) TIRUCHIRAPPALLI CIRCLE.

1. *Tiruchirappalli Division*.—The temporary subdivision formed on 1st April 1950 for building and irrigation works relating to the ex-Pudukkottai State was continued.

1.1. The special subdivision formed on 31st December 1946 for the construction of New Headquarters Hospital at Tiruchirappalli was continued with Armed Line works attached to it.

1.2. The special supervisor employed on 15th July 1950 for the work of "Restoration of Kaikalathur tank in Perambalur taluk" was continued up to 14th July 1952.

2. *Periyar Division*.—From 15th May 1952 the territorial jurisdiction of the Periyar subdivision was tentatively reduced to Melur taluk and a portion of Madurai taluk. The territorial jurisdiction of Dindigul subdivision was extended from 15th May 1952 by the addition of the three sections of Peranai, Andipatti and Mettupatti lying in Nilakottai taluk.

3. *Tirunelveli Division*.—The special subdivision formed on 26th May 1950 for attending to repairs and improvements to minor irrigation sources in charge of the Public Works Department was closed on 11th March 1953. One supervisor was however retained beyond that date and attached to Tirunelveli subdivision for attending to the balance of work.

3.1. The special subdivision formed on 5th October 1950 for the construction of the Government hospital at Tuticorin was continued.

4. *Ramanathapuram Division*.—The division was made permanent with effect from 3rd January 1953.

4.1. Ramanathapuram subdivision was also made permanent with effect from 3rd January 1953.

4.2. The special supervisor employed from 17th November 1951 for the work of "Revision of Maps of Railway-affecting tanks in Tiruchirappalli-Manamadurai and Virudhunagar Tenkasi Railway lines" was continued to end of May 1952.

4.3. The supervisor employed on 6th November 1951 for the construction of quarters for 8 Sub-Inspectors, 30 Head Constables and 82 Police Constables at Madurai was continued.

4.4. A special supervisor was employed from 9th June 1952 for investigation of Kalari Tank Supply Channel.

5. *Special Investigation Division, Tiruchirappalli*.—The division was in charge of Tiruchirappalli Circle till 17th August 1952 and transferred to the administrative control of the Superintending Engineer, Tanjore Circle, from 18th August 1952.

6. *Manimuthar Project Head Works Division*.—The division was in charge of Tiruchirappalli Circle till 17th August 1952. It was then transferred to the control of the Superintending Engineer, Tanjore Circle.

(7) VIJAYAVADA CIRCLE.

1. A special division was formed at Vijayavada on 28th October 1952 for carrying out urgent repairs to the Kistna Anicut.

2. The Grow More Food Division at Vijayavada formed on 5th February 1947 was closed on 10th February 1953.

3. Grow More Food subdivision No. 1 at Narasaraopet was closed on 30th June 1952.

4. On the abolition of the Grow More Food division, the second Special Grow More Food subdivision at Narasaraopet was attached to Guntur Division, with effect from 10th February 1953 after-noon and was continued throughout the year.

5. The special subdivision formed at Guntur on 10th January 1951 for the detailed investigation of Pedanandipad Channel Scheme in Guntur district was closed on 31st May 1952.

6. The Special subdivision at Challapalli for the execution of Grow More Food Schemes in Krishna Central Division was closed on 31st October 1952.

7. The Special Buildings subdivision at Bapatla formed in August 1945 was closed on 30th April 1952.

8. Divi subdivision was temporarily transferred from the Krishna Central Division to Krishna Eastern Division with effect from 1st January 1953.

(8) SPECIAL CHARGES UNDER THE CHIEF ENGINEER (GENERAL).

The stock verification subdivision formed on 3rd July 1950 under the immediate control of the Executive Engineer, Hydraulic Gauging Division continued.

II. REVIEW OF CIVIL WORKS.

1. The work turned out in the Consulting Architect section and Technical section was as follows:—

(i) CONSULTING ARCHITECT SECTION.

1.1. The total number of drawings prepared during the year under review was 552.

1.2. Detailed estimates were prepared for schemes aggregating in value to Rs. 49.56 lakhs.

1.3. Approximate estimates were prepared for schemes aggregating in value to Rs. 197.08 lakhs.

2. The following are the important building schemes dealt with during the year:—

(a) Medical buildings.

1. Government General Hospital, Madras—

(a) Proposed conversion of Nurses quarters on the second floor of existing main block into wards and House Surgeon's Quarters.

(b) Proposed conversion of Nurses' quarters on the second floor of the existing men surgical block into special wards.

(c) Proposed conversion of Nurses' quarters on the second floor of existing operation block into operation theatre.

(d) Quarters for 11 servants.

(e) Orthopaedic and children ward block.

2. Stanley Medical College, Rayapuram—

(a) Proposed hostel block for women students.

(b) Proposed first floor over the existing combined tiffin and retiring room.

3. Stanley Hospital, Madras—

(a) Proposed room over existing Porch of General ward.

(b) Proposed kitchen block for Raja Sir Ramaswamy Mudaliar Meternity Hospital

(c) Raja Sir Ramaswamy Mudaliar Maternity block revised plans due to omission of rear wing.

(d) Quarters for Medical staff attached to Rajah Sir Ramaswamy Mudaliar Maternity Hospital.

4. Hospital of Indigenous Medicine, Madras—

Quarters for 30 Nurses and 1 House-keeper.

5. Kasturba Gandhi Hospital, Madras—
Proposed Cancer block.
6. Women and Children Hospital, Egmore—
Proposed House Surgeon's quarters with dining hall and kitchen.
7. T.B. Demonstration and Teaching Centre, Egmore, Madras—
Proposed improvements to existing building.
Proposed laboratory block.
Proposed to Epidemiological block.
Proposed garages for cars and B.C.G. vans.
8. Tuberculosis Colonies or Settlement, Tambaram—
Proposed Recreation Pavilion.
Proposed hostel block for 40 ex-patients single room type.
Proposed hostel block for 40 ex-patients dormitory type.
9. T.B. Sanatorium, Tambaram—
(a) Quarters for Clerks and other drawing a salary of Rs. 70 to 100.
(b) Quarters for Civil Assistant Surgeon—Class I B type salary Rs. 400
700.
(c) Quarters for Compounders and Junior clerks salary of Rs. 45 to 90.
(d) Quarters for Ambulance Driver salary of Rs. 40 to 50 and 35 to 50.
(e) Proposed ward for 16 beds for children.
10. Headquarters Hospital, Eluru—
(a) Proposed T.B. Clinic with wards for 12 beds.
(b) Proposed quarters for one matron, 4 sisters and 14 staff Nurses.
(c) Kitchen block attached to Nurses' quarters.
(d) Proposed mental ward block.
(e) Proposed maternity block.
11. Headquarters Hospital, Mangalore Wenlock Hospital—
(a) Proposed ward block for 120 beds.
(b) Proposed out-patients blocks.
(c) Proposed surgical ward for 180 beds.
(d) Septic ward for 40 beds.
(e) Kitchen block.
(f) Quarters for nursing staff.
(g) Mortuary block.
(h) Proposed steam laundry.
- Lady Goschen Hospital—
Quarters for nursing staff.
Maternity block.
12. Headquarters Hospital, Ootacamund—
Proposed children's ward for 20 beds.
Proposed venereal clinic and ward.
13. Police Hospital, Anantapur.
(a) Proposed dispensary and ward for 16 beds.
(b) Proposed venereal disease ward for 6 beds.
(c) Proposed maternity block.
(d) Proposed kitchen block.
(e) Proposed compounders quarters.
(f) Proposed thotties quarters.
14. Hospital at Tanjore—
Proposed quarters for 55 female nurses.
Proposed quarters for 11 thotties.
Kitchen block attached to male nurses' quarters.
15. Hospital at Salem—
Quarters for 1 Matron, 1 Head Nurse and 40 Nurses.
16. Community Project, South Kanara district—
Proposed ward for 16 beds.
Proposed ward for 6 beds.

17. Government Hospital, Tellicherry—
Proposed maternity ward for 20 beds.
 18. Guntur Medical College—
(a) Proposed lecture halls.
(b) Extension to Physiology block.
(c) Addition to Anatomy block.
(d) Additional College Building.
(e) Hostel block for 50 women students.
(f) Kitchen and dining block for women hostel.
(g) Steward's office and quarters.
 19. Medical College at Madurai—
(a) Proposed shed for 4 lecture theatres.
(b) College central block.
(c) Hostel block for 50 women students.
(d) Kitchen and dining block for women hostel
(e) Steward's office and store.
(f) Common store block.
(g) Hostel block for 150 men students.
(h) Kitchen dining block for men students
(i) Warden's quarters.
 20. Headquarters Hospital, Mayuram—
Proposed.
Maternity ward block for 8 beds.
 21. Police Hospital at Madurai—
Isolation ward for 4 beds.
 22. Government Hospital, Tellicherry—
Proposed T.B. ward for 4 beds.
 23. Design for a maternity block for 6 beds.
 24. Design for quarters for 11 servants.
 25. Design for isolation ward for 12 beds.
 26. T.B. Hospital, East Godavari district—
Proposed kitchen block.
 27. Design for a ward of 20 beds cheap design.
 28. Design for a maternity block for 100 beds.
 29. Design for kitchen block for hospitals.
 30. Taluk Headquarters Hospital for 50 beds—
Elevations.
- (b) *Public Health buildings.*
31. Ootacamund municipal market—
(a) Proposed stalls for grinding mill.
(b) Proposed stalls for baskets.
(c) Proposed construction of part main building on Upper Bazaar Road.
- (c) *Other buildings.*
32. Proposed offices of the Superintending Engineer, Vijayavada Circle.
 33. Coonoor municipality—
Proposed bus stand and restaurant.
 34. Design for a reading room and library.
 35. Anantapur municipality—
Proposed office building.
 36. Tindivanam municipality—
Proposed bus stand with restaurant and lodging.

37. Tanjore municipality—

Proposed bus stand and waiting shed—Terraced design.

Proposed bus stand and waiting shed—Tile design.

(ii) JOINT CONSULTING ARCHITECT SECTION.

3. The post of Joint Consulting Architect created on 17th January 1948 for the expeditious preparation of plans and estimates for building schemes continued throughout the year.

3 (1) During the period under review, 573 drawings were prepared.

3 (2) The following are the important schemes dealt with in this section:—

(1) Chemical Testing Analytical Laboratory, Washermanpet, Madras—New Building.

(2) Arthur Hope Polytechnic, Coimbatore—

(a) Main Building—Revised.

(b) Hostel Block (Revised design with tiled roof).

(3) Central Cottage Industries Research Institute, Washermanpet, Madras.

(4) Law College, Madras—Extensions.

(5) Government Arts College, Rajahmundry—

(a) Hostel block for women students.

(b) Kitchen block for women's hostel.

(c) Cycle shed for College.

(6) Government Training College and Model School, Rajahmundry—

(a) Main College building.

(b) Kindergarten school.

(c) Manual Training Department.

(d) Building for Aluminium Industry.

(e) Hostel Block.

(7) Government College, Cuddapah—

(a) Main College building (revised).

(b) Quarters for Deputy Warden.

(c) Science block.

(8) Government Arts College, Srikakulam—

(a) Main building.

(b) Quarters for Principal.

(c) Quarters for Deputy Warden.

(d) Hostel Block.

(9) Government College of Technology, Coimbatore Main Building.

(10) College of Engineering, Anantapur—

(a) Main Building.

(b) Quarters for Principal.

(c) Quarters for Professors.

(11) College of Engineering, Guindy, Telecommunication Laboratory.

(12) Government Secondary and Training School for Women, Erode—

Details of Architectural finish.

(13) Government Victoria College, Palghat—First floor over Hostel Block.

(14) Government School for Blind, Salem—Hostel Block.

(15) Government Training School for women, Tellicherry—Domestic Science Block.

(16) Presidency College, Madras—Extension to Gas House.

(17) Police Training College, Vellore—Hostel Block for Sub-Inspector Cadets.

(18) Magazine for storing Ammunition.

(19) Layout plan of Police quarters at—

(a) Kilpauk, Madras.

(b) Kondithope.

20. Creche for children of convicts in Presidency Jail for Women, Vellore.

21. District Livestock Farm, Malabar—

(a) Milch Cattle sheds.

(b) Shed for dry cows, N.P. cows.

(c) Shed for breeding bulls.

(d) Isolation shed.

(e) Office, Stores and Dairy.

(f) Rest-house.

(g) Quarters for Superintendent.

(h) Quarters for Veterinary Assistant Surgeon and Farm Manager.

(i) Quarters for Accountant.

(j) Quarters for typist-cum-clerk.

(k) Quarters for fieldmen.

(l) Quarters for coolies.

22. District Poultry Farm, Cuddapah—

(a) Office and Incubator.

(b) Chicken rearing shed.

(c) Ratproof Store.

(d) Quarters for Veterinary Assistant Surgeon.

(e) Quarters for fieldman.

(f) Quarters for coolies.

23. Type Design for quarters for—

(a) Veterinary Assistant Surgeon.

(b) Compounders.

24. Sheep Farm, Ootacamund—

Quarters for Veterinary Assistant Surgeon.

25. Agricultural Research Station, Satyamangalam—

(a) Manager's Office and Store.

(b) Cattle shed, Drying and Thrashing platform.

26. Fruit Research Station, Kodur—Rest-house.

27. Fruit Farm at Giddalore, etc.—

(a) Store and office.

(b) Quarters for non-gazetted officer.

(c) Coolies shed.

(d) Cattle shed.

28. Lower Bhavani Project—

(a) Gantry and Rest-house.

(b) Memorial Gateway at junction of Mettupalayam and Dam Road.

(c) Memorial Pillar at terminal station of earth dam.

29. Tungabhadra Project—

(a) View Tower near Circuit House.

(b) Gate House.

(c) Pavilion.

30. Mangalam Reservoir Project Scheme—

(a) Quarters for Assistant Engineer.

(b) Quarters for Supervisor.

(c) Quarters for upper division and lower division clerks.

(d) Quarters for maistries and fitters.

(e) Coolies' huts.

(f) Dormitory block.

(g) Restaurant.

(h) Garages.

(i) Dispensary.

(j) Inspection bungalow.

31. Malampuzha Project—Architectural features for—
 - (a) Parapet over dam and spillway.
 - (b) Parapet for the Kannadi and Korayar Aqueducts.
32. Walayar Reservoir Scheme—
 - (a) Quarters for Assistant Engineer.
 - (b) Quarters for Supervisor.
 - (c) Quarters for upper division and lower division clerks.
 - (d) Quarters for maistries and fitters.
 - (e) Quarters for peons.
 - (f) Coolies' huts.
 - (g) Staff dormitory block.
 - (h) Cafeteria.
 - (i) Dispensary.
 - (j) Garage.
33. Bhairavanitippa Project—Layout of Housing Colony.
34. Rallapad Reservoir Project—Workshop.
35. Krishna-Pennar Project—Layout plan of Housing Colony at—
 - (a) Siddeswaram.
 - (b) Someswaram.
 - (c) Mylavaram.
 - (d) Mittakondala cutting.
36. Irrigation Research Station, Poondi—
 - (a) Common hall.
 - (b) Dispensary.
 - (c) Elementary school.
37. Lignite Investigation, Neyveli (South Arcot)—
 - (a) Circuit House.
 - (b) Office.
 - (c) Laboratory.
38. Assembly House in Government Estate, Mount Road, Madras—
 - (a) Additional accommodation.
 - (b) Canteen for members of Legislature, etc.
39. Raj Bhavan, Quindy —
 - (a) Quarters for Garden Superintendent.
 - (b) Quarters for clerks, nurses.
 - (c) Quarters for servants.
40. New building in Chepauk for accommodating several Government offices in city in rental buildings.
41. Panchayat Board Office, Sirkali.
42. Government Oriental Manuscripts Library, Madras, New buildings.
43. Presidency Magistrate's Court, Madras—Proposed extension in rear.
44. Palghat Municipality—Office and Council Hall—Proposed porch.
45. Public Works Department Section Office and Store at Arasalar Nattar Head.
46. Design for First class inspection bungalow —
 - (a) Brick design.
 - (b) Stone design.
47. Quarters for Government servants at Todhunternagar, Madras.
48. Housing Colony for Harijans in the City—
 - (a) Quarters for clerks.
 - (b) Quarters for skilled workmen.
49. Cheap houses for Backward Classes.
50. Quarters for Foresters at Nellikuthi, Nilambur Division, Malabar district.
51. Design for village chavadi.

52. Mica Mines Labour Welfare Fund, Nellore—
 - (a) Quarters for Engine drivers.
 - (b) Quarters for coolies.

53. Design for residences in Hill Stations.
54. Semi-permanent garage for prohibition vans.
55. Semi-permanent Fire Station (double unit).
56. Office for Revenue Divisional Officer, Amalapur.
57. Oondreeswarar Devasthanam, Poondi—Construction of temple.

4. Detailed schedule of quantities for schemes aggregating in value to Rs. 97.2 lakhs were prepared.

4.1. Approximate estimates were prepared for eighteen schemes amounting to Rs. 155.6 lakhs.

4.2. Three hundred and ninety-seven educational and industrial grant-in-aid cases amounting to Rs. 101.0 lakhs were dealt with.

(iii) TECHNICAL SECTION.

5. Four hundred and forty-two estimates of the aggregate value of Rs. 776 lakhs were scrutinized in this section during the year. These may be divided under the following heads:—

Serial number and description.	Number of estimates.	Amount. RS.
(a) Buildings	18	2,34,95,968
(b) Educational buildings	155	62,43,760
(c) Water-supply	55	2,99,00,658
(d) Drainage	24	1,38,70,170
(e) Miscellaneous		39,98,452
Total	442	7,76,09,008

5.1. Important among these estimates to cost over one lakh of rupees were—

(a) Buildings.

1. Alternative proposals to Taluk Headquarters Hospital at Amalapuram—Improvements—Plans and estimate.
2. Providing additional accommodation at Anantapur—Estimate.
3. Constructing a hospital for M.L.As. in Government Estate, Mount Road, Madras—Estimate.
4. Buildings and roads—District Livestock Farm, Malabar—Construction of.
5. Construction of permanent buildings at Kakinada for the Engineering College—Approximate estimate.
6. Buildings—District Livestock Farm, Malabar—Approximate estimate.
7. Construction of quarters for police staff at Egmore in R.S. Nos. 453/4 and 468/8 part.
8. Headquarters Hospital, Eluru—Construction of Administrative and X-Ray Block—Superstructure—Estimate.
9. Coimbatore Municipality—Construction of Fruit and Vegetable Market near the Clock Tower—Estimate.
10. Government Victoria College, Palghat—Construction of first floor over the office block—Revised estimate.

11. Buildings—Medical—New Headquarters Hospital, Eluru—Revised estimate.

12. Gudivada Municipality—Construction of 27 shops and one restaurant—Scrutiny of Estimate.

13. Madras Presidency College—Construction of additional block for Chemistry Department—Revised estimate.

14. Government General Hospital—Structural alterations to the first floor—Plans and estimate.

15. Market—Tiruchirappalli Municipality—Gandhi Market—Construction of 3 blocks of 'B' type stalls and two blocks of 'D' type stalls—Estimate.

16. Medical—K. G. Hospital, Visakhapatnam—Construction of medical ward No. 2—Plans and estimate.

17. Remodelling Ooty market—Revised estimate.

18. Kasturba Gandhi Hospital for Women and Children, Triplicane, Madras—Provision of steam laundry—Electrical installation including fans—Consolidated estimate.

19. Madurai Medical College—Construction of sheds for two lecture halls—Plans and estimate.

20. Remunerative enterprises—Bus-stand, Tanjore Municipality—Construction of a bus-stand.

21. Providing electrical installation to the hospital building—Quinine Factory, Anamalais—Revised estimate.

22. Buildings—Arts College, Rajahmundry—Revised estimate.

23. Gudivada Municipality—Construction of 17 shops and 9 godowns.

24. Colleges—Engineering College, Kakinada—Repairs and improvements to building—Estimate.

25. Construction of quarters in Todhunternagar for Government servants.

26. Madras Law College—Construction of additional building—Estimate.

27. Construction of quarters at Agricultural Research Station, Siruguppa.

28. Libraries—Government Oriental Manuscripts Library, Madras—Construction of buildings—Plans and estimates.

29. Construction of quarters for police staff at Thyagarayanagar—Approximate estimate.

30. Engineering College, Kakinada—Improvements to the existing buildings.

31. Engineering College, Kakinada—Special repairs to building acquired before 1952.

32. Agricultural College, Bapatla—Construction of staff quarters at the college farm—Plans and estimate.

33. Central Storage Godowns, Vishakhapatnam—Construction of 18 Lahore sheds—Estimate.

34. State Legislative Assembly House—Consolidated estimate.

35. Government Wenlock Hospital, Mangalore—Construction of out-patient block.

36. Construction of a new block for the Government Arts College, Kumbakonam—Revised estimate.

37. Tiruppur Municipality—Construction of a town-hall—Plans and estimate.

38. Wenlock and Lady Goschen Hospitals, Mangalore—Construction of Maternity Ward in Lady Goschen Hospital.

39. Madras—Stanley Hospital—Additions and alterations to Hope Block—Estimate.

40. Quinine Factory, Anamalais—Construction of buildings—Revised Estimate.

(b) Educational Buildings.

1. S.M. Hindu High School, Sirkali—Construction of buildings—Estimate.

2. P. S. G. College of Technology, Peelamedu Workshops building—estimate.

3. M.D.T. Hindu College, Tirunelveli—Construction of college buildings.

4. M.D.T. Hindu College, Tirunelveli—Construction of hostel buildings.

5. St. Mary's High School, Dindigul—Additional building—Estimate.

6. Sri Ramakrishna Hindu High School, Amaravathi (Guntur district)—Extension.

7. Christ King Convent High School, Pavarathy (Malabar district)—Construction of a pucca building—Estimate.

8. Municipal Gavarpalem High School, Anakapalli—Estimate.

9. P.S.G. College of Technology, Peelamedu—Coimbatore district—Revised estimate.

10. T. A. Ramalingam Chettiar High School, Coimbatore—New building—Estimate.

11. Sri Venkateswara Students' Hostel, Triplicane—Madras—Estimate for proposed additional block.

12. Komarappa Sengunthar High School, Chennimalai (Coimbatore district)—Construction of a building.

13. Board High School, Achanta (West Godavari district)—Construction of a building.

14. Seethalakshmi Ramaswamy College—Tiruchirappalli—Construction of a building—Estimate.

(c) Water-supply.

1. Water-supply—Corporation of Madras—Scheme for laying duplicate 48" Pumping Main from Kilpauk—Pumping Station to shaft—Revised estimate.

2. Water-supply—Corporation of Madras—Improvements to slums, etc.—Estimate for II Batch.

3. Water-supply—Tirunelveli Municipality—Detailed plans and estimate for I stage and approximate estimate for whole scheme.

4. Water-supply—Emergency measures—Corporation of Madras—IV Scheme.

5. Water-supply—Peddapuram Municipality—Water-supply Scheme—Detailed plans and estimate.

6. Water-supply—Cuddalore Municipality—Water-supply Scheme—Detailed plans and estimates for the I stage of the scheme.

7. Water-supply—Hindupur Water-supply Scheme—Detailed plans and estimate for the II stage.

8. Water-supply—North Arcot district—Tiruvathipuram Panchayat—Water-supply Scheme—Plans and estimates.

9. Water-supply—Coimbatore Municipality—Duplication of gravitation main—First stage—Revised estimate.

10. Water-supply—Coimbatore Municipality—Second stage—Duplication of gravitation main—Plans and estimate.

11. Water-supply—Kozhikode Water-supply Scheme—Treatment works—First stage—Detailed plans and estimate.

12. Water-supply—Cochin Municipality—Water-supply Scheme—Laying an independent feeder main from Thepambady to the service reservoir at Cochin Municipality.

13. Water-supply—Kumbakonam Municipality—Water-supply Scheme—Revised Scheme.

14. Water-supply—Mannaigudi Municipality—Pilot Scheme—Estimate.

15. Water-supply—Srikakulam Municipality—Water-supply Scheme—Approximate estimate.

16. Water-supply—Tiruchirappalli Water Works—Rectification of defects and improvements to the existing connecting pipe line, etc.

17. Water-supply—Salem (Mottur Water-supply Scheme)—Third revised estimate.

18. Water-supply—Guntur Water-supply Scheme—Plans and estimate for (1) summer storage tanks and (2) staff quarters at Samgam Jagarlamudy.

19. Water-supply—Mangalore—Water-supply Scheme—Netravathi source—Detailed plans and estimates for laying and jointing work on pumping main.

20. Water-supply—Guntakal Municipality—Water-supply Scheme—second stage—Plans and estimates.

(d) Drainage.

1. Drainage—Vijayavada Sewerage Scheme—Outline proposals for whole scheme—Detailed plans and estimates for Block No. I.

2. Drainage—Corporation of Madras—Perambur and Vyasaripadi Drainage—Revised Estimate.

3. Drainage—Penitentiary, Madras—Drainage Scheme—Estimates.

4. Drainage—Tiruchirappalli Partial Drainage Scheme—Estimate.

5. Drainage—Ootacamund Municipality—Drainage Scheme—Improvements—Approximate estimate.

6. Drainage—Madurai Drainage Scheme Main Pumping Station—Electrification of—Plans and estimates.

(e) Miscellaneous.

1. Corporation of Madras—Improvements to slums estimates—Scrutiny of.

2. Corporation of Madras—Slums—Improvements—First stage—Third batch of works—Estimate.

3. Corporation of Madras—Improvements to—Second stage works.

4. Srikakulam District Headquarters—Plans and estimates for land acquisition.

5. Development of Marina—Master plan—City improvements Trust Scheme—Estimate.

6. Tuticorin Port Trust—Construction of pile-wharf in front of coal yard—Estimate.

III. DIRECTION.

Chief Engineer (General and Buildings).—Sri A. R. Venkatachari who was holding the post of Chief Engineer, General and Irrigation, on contract resigned his appointment on 19th November 1952, *a.n.* Sri T. S. Venkatarama Ayyar, Chief Engineer (Buildings), assumed charge as Chief Engineer (General) with effect from that date. From 1st January 1953 Lower Bhavani Project and Public Health Engineering were also placed under his control.

Chief Engineer (Irrigation I).—Sri L. Venkatakrishna Ayyar, retired Chief Engineer, was re-employed as Chief Engineer, Irrigation, for a period of one year from 19th November 1952, *a.n.* With effect from 1st January 1953 he was designated as Chief Engineer, Irrigation I, and was placed in charge of all Irrigation Projects and Grow More Food Works in Dowlaishwaram Circle, Vijayavada Circle and Anantapur Circle. The Tungabhadra Project Works also came under his control.

Chief Engineer (Irrigation II).—Sri M. S. Thirumalai Ayyangar, Chief Engineer, Tungabhadra Project and Public Health retired from service with effect from 1st December 1952, *f.n.* When Sri N. Padmanabha Ayyar assumed charge as Chief Engineer, Tungabhadra Project and Public Health. From 1st January 1953 he is designated as Chief Engineer, Irrigation II and is in charge of Irrigation work in the Madras, Coimbatore, Tanjore and Tiruchirappalli Circles.

Deputy Chief Engineer (General).—Sri J. G. Abraham continued as Deputy Chief Engineer (General).

Deputy Chief Engineer (Buildings).—Sri R. Lakshmana Iyer continued as Deputy Chief Engineer (Buildings).

Deputy Chief Engineer (Irrigation I), now styled as Deputy Engineer (Irrigation I).—The post of Deputy Chief Engineer, Tungabhadra Project was designated as Deputy Chief Engineer Irrigation I, from 1st January 1953. Sri K. Padmanabha Pillai continued in the post.

Deputy Chief Engineer (Irrigation No. II).—Sri M. D. Narasimha Acharya continued in the post till 2nd April 1952, *a.n.* From 3rd April 1952 the post was held by Sri P. S. Natarajan.

Deputy Chief Engineer (Irrigation No. III).—Sri V. A. Krishnaswamy Iyer continued in the post.

Personal Assistant to the Chief Engineer (General).—Sri B. S. Narayana Iyer continued as Personal Assistant to the Chief Engineer (General).

Consulting Architect.—Sri M. G. Desai continued as Consulting Architect. During the period of his leave from 12th to 26th October 1952 Sri N. E. Jambulinga Nayakar, Joint Consulting Architect, held full additional charge of the post.

Joint Consulting Architect.—Sri N. E. Jambulinga Nayakar continued in the post on re-employment.

IV. GENERAL.

During the inspection of the breach work in the Krishna Anicut the following officers and staff of the department were accidentally drowned in the river on 9th September 1952 :—

Sri Vepa Krishnamurthy, Superintending Engineer, Vijayavada Circle.
 Sri D. Krishnamachariyulu—Executive Engineer, Krishna Central Division.
 V. G. John, Assistant Engineer, Headquarters subdivision.
 Sri V. Seetharamiah, Anicut Supervisor.
 Sri A. Subha Rao, Workman, Public Works Workshops, Vijayavada.
 Sri T. V. Venkateswaralu, Workman, Public Workshops, Vijayavada.
 Sri K. Raghavulu—Tyndal.

2. There was a severe cyclone storm on 30th November 1952 Tiruchirappalli District in the jurisdiction of Tiruchirappalli division. It caused considerable damage to several buildings both residential and non-residential including electrical installations. Repairs to Government buildings due to cyclone havoc were carried out at a cost of Rs. 64,300.

3. Scarcity of labourers and increase in the wages of labourers and cost of building materials continued to exist.

T. S. VENKATARAMA AYYAR,
Chief Engineer, P.W.D (General).

MISCELLANEOUS



PUBLIC WORKS DEPARTMENT

(General)

G.O. No. 3198, 30th July 1953

Administration Report—Public Works Department—1952-53—Part I-A
 (Buildings Branch)—Narrative portion—Recorded.

READ—the following paper :—

From the Chief Engineer, P.W.D. (General and Buildings),
 dated 5th June 1953, No. 2234-Ad-2/53-5.

Order—No. 3198, P.W.,(General), dated 30th July 1953.

Recorded.

(By order of the Governor)

T. V. NATESA MUDALIAR,
Additional Deputy Secretary to Government.

To the Chief Engineer, P.W.D. (General and Buildings).
 „ Public Department.
 „ Accountant-General, Madras.
 „ Superintendent, Government Press, Madras.

Forwarded to the

(By order)

Superintendent.

