(1) Number of pages 78

(2) Date of repair 10.87

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS DEPARTMENT

G.O. No. B.P. No.	854 - 55 — W	Press. Mis.
Dated	8. 4. 1885	~~198~~ .

44.

to be folded or roughly handled

8th April 1885, No. 855 W., Public Works.

1/854-55

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Letter—from

Colonel J. SHAW-STEWART, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

The SECRETARY to the GOVERNMENT of INDIA,
Public Works Department.

Sir,

In reply to your letter No. 24 G., dated 5th January 1885, I am directed to forward the accompanying statement furnishing the required detailed information as to the present system of officering sub-divisions in the Public Works Department in the Madras presidency.

I have the honor to be,
Sir,
Your most obedient servant,

Colonel, R.E.,
Secretary to Government, P.W.D.

Fort St. George,
8th April 1885.

Exd. E. Fernandez.
Spare Copies

2/885
84

GENERAL.
ESTABLISHMENT.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated April, 8th.

Recd. *Encl.*

8th April 1885, No. 855 W.

APRIL.

Officering Sub-divisions in the Madras Public Works Department

Forwarding statement furnishing detailed information as to the present system of —.

3/855 W 85

STATEMENT showing the present and proposed system of officering sub-divisions.

Division.	Sub-division.	Approximate estimate of expenditure in sub-division during current year.	The class of officer by whom the sub-division is actually held.	The class of officer by whom it might appropriately be held.	Remarks.
1	2	3	4	5	6
		RS.			
Ganjam ..	1. Berhampore ..	36,096	Sub-Engineer ..	Upper Subordinate ..	..
	2. Chicacole ..	28,835	Assistant Engineer ..	Do. do. ..	..
	3. Kimedi ..	1,21,327	Do. do. ..	Assistant Engineer ..	..
Vizagapatam.	1. Vizagapatam ..	35,840	Executive Engineer in charge of division.	Upper Subordinate ..	..
	2. Vizianagrum ..	54,610	Overseer	Do. do. ..	..
Godávari Eastern.	1. Head Works ..	85,339	Anicut Superintendent.	Do. do. ..	..
	2. Quarry ..	1,77,176	Assistant Engineer ..	Assistant Engineer ..	..
	3. Northern ..	1,14,649	Do. do. ..	Do. do. ..	..
	4. Southern ..	1,13,269	Sub-Engineer ..	Do. do. ..	..
	5. Rajahmundry.	88,250	Supervisor	Upper Subordinate ..	..
	6. Dumagudiem ..	20,945	Do.	Do. do. ..	..
	7. Dowlaishwerum Workshops.	1,50,000	Do.	Do. do. ..	..
Godávari Central.	1. Western ..	1,46,390	Assistant Engineer ..	Assistant Engineer ..	..
	2. Eastern ..	1,25,660	Overseer	Upper Subordinate ..	..
Godávari Western.	1. Eastern ..	1,48,880	Assistant Engineer ..	Assistant Engineer ..	..
	2. Western ..	85,900	Sub-Engineer ..	Do. do. ..	..
	3. Imperial tanks, river embankment.	10,000	Assistant Engineer ..	Upper Subordinate ..	..
Rushikulya ..	1. Russellkonda ..	9,000	Do. do. ..	Assistant Engineer ..	..
	2. Aska ..	1,54,600	Do. do. ..	Do. do. ..	..
Kistna Eastern	1. Headquarters ..	1,53,902	Do. do. ..	Do. do. ..	..
	2. Northern ..	80,000	Do. do. ..	Do. do. ..	..
	3. Southern ..	70,000	Do. do. ..	Do. do. ..	..
Kistna Western	1. Eastern ..	1,31,585	Do. do. ..	Do. do. ..	..
	2. Western ..	59,864	Do. do. ..	Do. do. ..	..
Gudiváda (temporary).	1. Cowtaram ..	84,000	Do. do. ..	Do. do. ..	..
	2. Gudiváda ..	57,000	Sub-Engineer ..	Upper Subordinate ..	..
Nellore ..	1. Gudúr ..	22,000	Supervisor	Do. do. ..	..
	2. Kandukur ..	40,000	Sub-Engineer ..	Assistant Engineer ..	..
Sangum Project	1. Sangam ..	2,32,390	Assistant Engineer ..	Upper Subordinate ..	..
	2. Kanigiri ..	2,69,600	Do. do. ..	Assistant Engineer ..	..
Bellary ..	1. Headquarters.	30,150	Executive Engineer in charge of division.	Upper Subordinate ..	..
	2. Northern ..	1,04,950	Sub-Engineer ..	Assistant Engineer ..	..
	3. Southern ..	75,400	Do. ..	Upper Subordinate ..	..
Cuddapah ..	1. Headquarters.	17,300	Executive Engineer in charge of division.	Do. do. ..	..
	2. Eastern ..	40,000	Supervisor	Do. do. ..	..
	3. Madanapalle ..	3,000	Do.	Do. do. ..	..
Kurnool ..	1. Headquarters.	8,015	Executive Engineer in charge of division.	Do. do. ..	..
	2. Cumbum ..	11,000	Supervisor	Do. do. ..	..
Kurnool Canal.	1. Upper ..	68,000	Sub-Engineer ..	Do. do. ..	..
	2. Central ..	52,000	Supervisor	Do. do. ..	..
	3. Lower ..	67,000	Assistant Engineer ..	Assistant Engineer ..	..
West Coast ..	1. South Canara.	34,531	Do. do. ..	Do. do. ..	..
	2. Cannanore ..	40,491	Sub-Engineer ..	Upper Subordinate ..	..
	3. Calicut ..	1,55,601	Supervisor	Do. do. ..	..
Coimbatore ..	1. Coimbatore ..	61,410	Do.	Upper Subordinate ..	..
	2. Erode ..	59,980	Assistant Engineer ..	Assistant Engineer ..	..
	3. Salem ..	28,520	Supervisor	Do. do. ..	..
North Arcot ..	1. Ranipett ..	60,000	Assistant Engineer ..	Do. do. ..	..
	2. Arni ..	35,000	Supervisor	Upper Subordinate ..	..

Statement showing the present and proposed system of officering sub-divisions—*cont.*

Division.	Sub-division.	Approximate estimate of expenditure in sub-division during current year.	The class of officer by whom the sub-division is actually held.	The class of officer by whom it might appropriately be held.	Remarks.
1	2	3	4	5	6
		RS.			
Nilgiris ..	1. North Ootacamund.	1,57,215	Sub-Engineer ..	Upper Subordinate ..	..
	2. South Ootacamund.	78,920	Supervisor	Do. do. ..	..
South Arcot ..	1. Headquarters ..	20,400	Executive Engineer in charge of division.	Do. do. ..	..
	2. Tindivanam ..	44,000	Sub-Engineer ..	Do. do. ..	..
	3. Chidambaram.	55,500	Assistant Engineer ..	Assistant Engineer ..	..
	4. Vriddháchallam	54,000	Do. do. ..	Do. do. ..	..
Chingleput ..	1. Tiruvallúr ..	85,000	Sub-Engineer ..	Do. do. ..	..
	2. Chingleput ..	41,500	Assistant Engineer ..	Do. do. ..	..
Buckingham Canal.	1. Northern ..	1,83,221	Do. do. ..	Do. do. ..	..
	2. Central ..	85,648	Executive Engineer ..	Upper Subordinate ..	It has recently been decided to form a fourth sub-division which will be officered by an upper subordinate.
	3. Southern ..	98,608	Sub-Engineer ..	Do. do. ..	
Presidency ..	1. Madras ..	1,68,000	Assistant Engineer ..	Assistant Engineer ..	
	2. ..	1,54,000	Do. do.	Do. do. ..	This officer has charge of the military works at the presidency. It is desirable that the post should be held by a Royal Engineer officer.
	3. Bangalore ..	1,00,000	Supervisor	Upper Subordinate ..	
Trichinopoly ..	1. Headquarters ..	60,000	Executive Engineer in charge of division.	Do. do. ..	
	2. Lalgudi ..	50,000	Sub-Engineer ..	Do. do. ..	
	3. Musiri ..	20,000	Assistant Engineer ..	Assistant Engineer ..	
Tanjore ..	1. Headquarters ..	28,500	Executive Engineer in charge of division.	Upper Subordinate ..	
	2. Tanjore ..	1,62,000	Assistant Engineer ..	Assistant Engineer ..	..
	3. Máyavaram ..	5,8000	Do. do. ..	Do. do. ..	..
Negapatam ..	1. Headquarters ..	55,373	Executive Engineer in charge of division.	Upper Subordinate ..	..
	2. Tiruturaipúndi.	46,704	Assistant Engineer ..	Assistant Engineer ..	..
	3. Mannárgudi ..	87,664	Do. do. ..	Do. do. ..	..
Madura ..	1. Headquarters ..	88,427	Executive Engineer in charge of division.	Upper Subordinate ..	..
	2. Dindigul ..	60,935	Assistant Engineer ..	Assistant Engineer ..	..
	3. Periyakulam ..	47,544	Supervisor	Upper Subordinate ..	..
Tinnevelly ..	1. Headquarters ..	82,118	Executive Engineer in charge of division.	Do. do. ..	..
	2. Shermadevi ..	50,866	Assistant Engineer ..	Assistant Engineer ..	..
	3. Tenkarai ..	88,725	Sub-Engineer ..	Do. do. ..	..
Consulting Architect.	No. 1	1,50,000	Do. ..	Upper Subordinate ..	..
	No. 2	1,50,000	Do. ..	Do. do. ..	..
No. I Tank ..	Nos. I and IV ..	..	Executive Engineer in charge of division.	Do. do. ..	..
	No. II ..	..	Assistant Engineer ..	Assistant Engineer ..	..
	No. III ..	..	Supervisor	Upper Subordinate ..	..
No. II Tank ..	No. I ..	..	Do.	Do. do. ..	..
	No. II ..	..	Sub-Engineer ..	Assistant Engineer ..	..

17th January 1885, No. 152 W., Public Works.

4/854 55

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following letter from A. B. Sampson, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 5th January 1885, No. 24 G.:—

I am directed to request that you will, with the consent of His Excellency the Governor, give the Government of India detailed information as to the present system of officering sub-divisions in the Public Works Department in Madras.

2. The information might conveniently be arranged in columns—

1. Name of division.
2. Names of sub-divisions included in each division.
3. Approximate estimate of expenditure in sub-division during current year.
4. The class of officer by whom the sub-division is actually held.
5. An opinion as to the classes of officers by whom it might appropriately be held.
6. Any other remarks that may be called for.

Order—dated 17th January 1885, No. 152 W., Public Works.

Communicated to Superintending Engineers and the Consulting Architect to Government, who will supply, as soon as possible, the information required by the Government of India, which should be sent up in tabular form.

2. Reports from the I and II Circles should be especially expedited so as to allow for distance.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
„ Superintendent of Works, Tank Maintenance Scheme.
„ Examiner, Public Works Accounts.

Exd. E. Fernandez.
Spare Copies

GE RAL.
ESTABLISHMENT.

Govt. of (1885) Madras

PUBLIC WORKS.

Dated January, 17th.

Recd. *En*

G.O., 17th Jan. 1885, No. 152 W

JANUARY.

Officering Sub-divisions in the Public Works Department

Letter from the Government of India calling for detailed information as to the present system of —, communicated to Superintending Engineers and the Consulting Architect to Government with instructions.

PUBLIC WORKS DEPARTMENT.

No. 1457.

854-85

CIRCULAR.

The Chief Engineer has the honor to request Superintending Engineers and Superintendents of Works to report the names of the stations at which they propose to fix the Head-quarters of Sub-divisions in the Divisions under their charge, and the Officers or Subordinates in charge ~~of~~ of them.

2. The number of Sub-divisions ~~mentioned~~ passed for each Division is shown in the Appendix to G. O. No. 265-W of 3rd February 1880. These numbers are in addition to such Sub-divisions as may be under the direct charge of Executive Engineers.

(By Order.)

Major, R.E.,
Dy. Chief Engineer, P.W.D.

CHEPAUK,
2nd June 1880.

To all Superintending Engineers.
,, Superintendents of Works.

Spare copies.

Statement showing the present and proposed system of officering Subdivisions.

Division	Sub Divisions	Approximate estimate of expenditure in Sub Division during current year. Rupees	The class of officer by whom the Sub Division is actually held.	The class of officers by whom it might appropriately be held.	Remarks.
Ganjam	1. Berhampore	36,096	Sub Engineer	Upper Subordinate	
	2. Chicacole …	28,835	Aſsistant Engineer	Upper Subordinate	
	3. Kimidy …	1,21,327	Aſsistant Engineer	Aſsistant Engineer	
Vizagapatam	1. Vizagapatam	35,840	Executive Engineer in charge of Division no Sub Divisional officer being available.	Upper Subordinate	
	2. Vizianagram	54,610	Overseer	Experienced Upper Subordinate	
Godavari - Eastern	1. Head Works	85,339	Anicut Superintendent	Upper Subordinate of considerable local experience of the rank of Supervisor or Sub Engineer.	
	2. Quarry (not yet sanctioned)	1,77,176	Aſsistant Engineer	An experienced Aſsistant Engineer capable of hard work.	
	3. Northern	1,14,649	Aſsistant Engineer	Aſsistant Engineer	

Godavari Eastern (contd.)	4. Southern	1,13,269	Sub Engineer	Assistant Engineer	
	5. Rajahmundry	88,250	Supervisor	Upper Subordinate.	
	6. Dumagudiem	20,945	Supervisor	Upper Subordinate	
	7. Dowlaishweram Workshops...	1,50,000	Supervisor	Upper Subordinate trained as Mechanical Engineer.	
Godavari Central.	1. Western	1,46,390	Assistant Engineer	Assistant Engineer	
	2. * Eastern	1,25,660	Overseer	Upper Subordinate.	* ~~An experienced Sub Engineer or Supervisor is required for this Sub Division which is held now by an Overseer as a temporary arrangement.~~
Godavari Western.	1. Eastern	1,48,860	Assistant Engineer	Assistant Engineer	
	2. Western	85,900	Sub Engineer	Assistant Engineer	
	3. Imperial Tanks-River Embankment.	10,000	Assistant Engineer	Upper Subordinate.	
Rushikulya	1. Russelkondah	9,000	Assistant Engineer	Assistant Engineer.	Mr. Lafrenais, temporary Assistant Engr., has also charge of some of the works in the Aska Sub Division as a

Rushikulya (continued)	2. Aska	1,54,600	Assistant Engineer	Assistant Engineer	
Kistna-Eastern	1. Head Quarter	1,53,902	Assistant Engineer	It is necessary that all these 3 Sub Divisions should be held by members of the Engineer Establishment	There is a large expenditure in the Head Quarter Sub Division, in the Workshop and Quarries for other Divisions.
	2. Northern	80,000	Assistant Engineer		
	3. Southern	70,000	Assistant Engineer		
Kistna-Western.	1. Eastern.	1,31,585	Assistant Engineer	The charge of these Sub Divisions must be held by members of the Engineer Establt.	The expenditure in the Western Sub Dn would as a rule, be more and in the Eastern less than in this official year.
	2. Western.	59,804	Assistant Engineer		
Gudivada (Temporary)	1. Cowtaram	84,000	Assistant Engineer	Assistant Engineer	
	2. Gudivada	57,000	Sub Engineer	Upper Subordinate.	
Nellore.	1. Gudur	22,000	Supervisor	Upper Subordinate.	
	2. Kandukur	40,000	Sub Engineer	Assistant Engineer	
Sungum Project	1. Sungum	2,32,390	Assistant Engineer	Upper Subordinate	It is expected that work will be much reduced after September next.

Sengutur Project (contd.)	2. Kanigiri	2,69,600	Aſsistant Engineer
Bellary	1. Northern or Bellary	1,35,000	Sub Engineer
	2. Southern or Anantapur	75,400	Sub Engineer
Cuddapah	1. Eastern	40,000	Supervisor
	2. Madhanapalle	3,000	Supervisor
Kurnool.	1. Cumbum	11,000	Supervisor
Kurnool Canal.	1. Upper	68,000	Sub Engineer
	2. Central	52,000	Supervisor
	3. Lower	67,000	Aſst Engineer
West Coast	1. South Canara	34,531	Aſsistant Engineer
	2. Cannanore	40,491	Sub Engineers
	3. Calicut	1,55,601	Supervisor

5-458/9

7/8547

Statement shewing the Sub Divisions &c in the first circle - Prepared as called for in G. O. No. 152 W of 17th January 1885.

Name of Division	Names of Sub Divisions included in each Division	Approximate Estimate of expenditure in Sub Division during 1884-85	Class of Officer by whom the Sub Division is actually held.	Opinion as to the class of Officers by whom it might appropriately be held.	Remarks.
1	2	3	4	5	6.
(1) Ganjam	(1) Berhampore	36096	Mr. Laskey Sub Engineer	Upper Subordinate	
	(2) Chicacole and	28835	Mr. E. F. Handcock Assistant Engineer. (temporary).	Experienced Assistant Engineer.	
	(3) Kimedy	1,21,327			
(2) Vizagapatam	(1) Vizagapatam	35,840	T. D. Harris Esquire Executive Engineer 2nd Grade	Upper Subordinate	
	(2) Vizianagaram	54,610	Mr. T. T. Russell Overseer 1st Grade	Experienced Upper Subordinate.	
(3) Godavari Eastern	(1) Head Works	85,339	D. Ramanna Naidu Anicut Superintendent	A man of considerable local experience like the present Anicut Superintendent who should have the temporary rank of Supervisor or Sub Engineer.	
	(2) Quarry (not yet sanctioned)	~~175000~~ 17176.	W. A. Mathews Esquire Assistant Engineer 2nd Grade (Temporary)	An experienced Engineer capable of hard work.	

Statement shewing the Sub Divisions &c. in the first Circle. Prepared as called for in G. O. No. 152 W of 17th January 1885.

Name of Division	Names of Sub Divisions included in each Division	Approximate Estimate of expenditure in Sub Division during 1884-85	Class of Officer by whom the Sub Division is actually held.	Opinion as to the class of Officers by whom it might appropriately be held.	Remarks.
1	2	3	4	5	6.
(3) Godavari Eastern (continued)	✓ (3) Northern —	114.649	J. T. Somers Eve Esquire Assistant Engineer 2d Grade	Assistant Engineer	
	✓ (4) Southern —	113,269	Mr. J. D. Legge Sub Engineer 2d Grade (Temporary)	Upper subordinate	
	✓ (5) Rajahmundry	88,250	N. Viraraghavia Pantulu Supervisor 2d Grade	— Do —	
	✓ (6) Dumagudem	20,945	Mr. C. W. Traish Supervisor 2d Grade	— Do —	
	✓ (7) Dowlaishweram Workshops —	150,000	Sub Conductor E. W. Bennett Supervisor 1st Grade —	An Assistant Engineer with experience in Mechanical Engineering —	
(4) Godavari Central	✓ (1) Western —	146390	G. T. Handcock Esquire Assistant Engineer 2d Grade	Assistant Engineer —	
	✓ (2) Eastern Ø —	125660	T. N. Rajaramrow Overseer 2d Grade —	Upper subordinate	Ø This Sub Division has been in charge of an Overseer since Sub Engineer Lennon left in (July 1884) Sub Engineer Venkatarow is to have charge when an Officer has arrived to take Mr. Lewis' place in Western Delta —

Statement shewing the Sub Divisions &ca in the first Circle - Prepared as called for in G. O. No 152 W of 17th January 1885.

Name of Division	Names of Sub Divisions included in each Division	Approximate Estimate of expenditure in Sub Division during 1884-85.	Class of Officer by whom the Sub Division is actually held.	Opinion as to the class of Officers by whom it might appropriately be held.	Remarks.
1	2	3	4	5	6.
(5) Godavari Western	(1) Eastern	148860	Mr Lewis Assistant Engineer just gone on furlough	Assistant Engineer	
	(2) Western	85,900	Mr J. Mahony Sub Engineer 3rd Grade	Upper Subordinate	
	(3) Imperial Tanks & River Embankment (Proposed in my report of Inspection of the Western Division Office dated 15th November 1884)	10,000	Mr Lowry Assistant Engineer	Assistant Engineer	
(6) Rushikulya	(1) Russelconda	9000	J. E. Lafrenais Esquire Assistant Engineer (temporary)	Assistant Engineer	Mr Lafrenais has also charge of some of the works in the Aska Sub Division until the Project is well in hand.
	(2) Aska	154600	C. W. Wood Assistant Engineer 2nd Grade	Assistant Engineer	

Dowlaiswaram
2nd February 85
Despd

W. A. Mathews. Assistant Engineer
for Superintending Engineer 1st Circle.

To,
The Chief Engineer
Public Works Department.

TK

From

The Supg Engineer
I Circle

To

The Chief Engineer
D.P.W.
Madras

7 FEB 85

Dated 2nd }
Desp'd 2nd } February 1885
Rec'd }

Statement shewing the Sub Divisions &c in the First Circle - Prepared as called for in G.O No 152 W of 17th January 188

Cd/
7.2.85

II. Circle.

Statement showing the present System of Officering Sub Divisions in the Public Works Department Called for in G.O. No. 152 W: dated 17th January 1885.

Name of Division.	Names of Sub Divisions included in each Division	Approximate Estimate of expenditure in Sub Divisions during the Current year	The Class of Officer by whom the Sub Division is actually held	An opinion as to the classes of Officers by whom it might appropriately be held.	Any other remarks that may be called for.
1	2	3	4	5	6
Kistna Eastern.	Head Quarter	*1,53,902	Assistant Engineer	It is necessary that all these 3 Sub Divisions should be held by members of the Engineer Establishment.	There is a large expenditure in the Head Quarter Sub Division, in the Workshops, and Quarries, for other Divisions
	Northern	80,000	Do.		
	Southern	70,000	Do.		
Kistna Western.	Eastern	131,585	Do.	The Charges of these Sub Divisions must be held by members of the Engineer Establishment.	The expenditure in the Western Sub Division, would as a rule, be more and in the Eastern, less than in this Official year.
	Western	59,864	Do.		
Gudiváda (Temporary)	Comtaram	84,000	Do.	One Sub Division should form an Assistant Engineer's Charge, but the Division being a small one, can be held by an upper Subordinate.	
	Gudiváda	57,000	Sub Engineer		
Nellore	Gudur	22,000	Supervisor	The employment of an Assistant Engineer in the Kandukur Sub Division is advisable. The Gudur Sub Division can be held by a Subordinate.	
	Kandukur	40000	Sub Engineer		
Sangam Project	Sangam	232,390	Assistant Engineer	Works in the Sangam Sub Division will be much reduced after September next, when a Subordinate might hold Charge, but an Assistant Engineer will be required for the Kanigiri Sub Division.	
	Kanigiri	2,69,600	Do.		

* This includes expenditure on Tools and Plant to the extent of Rs 60,928

N.B. – In addition to the above figures for the 3 Sub Divisions of the Kistna Eastern Division, there is also expenditure of Rs 1,00,000, 2,000 and 1,000 respectively in the 3 Sub Divisions for Workshop & Quarry operations.

Supg. Engineer's Office 2nd Circle
Camp Masulipatam
9th February 1885

Compd [illegible]

J. W. Rundall
Superintending Engineer, 2nd Circle

No. 368 Cl

Superintending Engineer's Office
2nd Circle, Masulipatam
9th February 1885

From 9/85

The Superintending Engineer,
2nd Circle.

To

The Secretary to Government
Public Works Department
Madras.

Sir,

With reference to G. O. No. 152 W: of the 17th January last, I have the honor to forward herewith, a statement showing the present system of Officering Sub Divisions in this Circle called for by Government.

I have the honor to be,
Sir,
Your most Obedt. Servant

J. W. Rundall
Superintending Engineer,
2nd Circle.

Comp. [illegible]

From
The Superintending Engr
2d Circ

To
The Secretary to Governm
P. W. D
Madras

13 FEB 85

Dated 9th February 1885
Despd do
Recd

No 368 Cl

Officering Sub Divisions
in this Circle - Statement
showing the present System of
Forwards a ——

10/854-855

Statement giving particulars as to the present system of Officering Sub Divisions in the Public Works Dept III Circle as called for in G.O. No. 152 W. dated 17th Jany 1883.

Name of Division	Names of Sub Divisions included in each Division	Approximate Estimate of Expenditure in Sub Dn during current year	The class of Officer by whom the Sub Division is actually held.	Opinion as to the class of Officers by whom it might appropriately be held.	Remarks.
1	2	3	4	5	6
Bellary	(1) Northern or Bellary Sub Division	135,100	Sub Engineer 3rd Grade. Sub. pro.	The Sub Division can be held by an experienced Sub Engr if no Assistant Engineer is available	
	(2) Southern or Anantapur Sub Division	75,400	Sub Engineer 3rd Grade		
Cuddapah	(1) Madhanapully Sub Dn	3,000	Supervisor 2nd Grade.	An Assistant Engineer is preferred	There is plenty of work in this Sub Division for an energetic Officer; and it is considered that a more responsible Officer should be in charge than a Supervisor.
	(2) Eastern Sub Division	40,000	Supervisor 1st Grade	Supervisor	Easily inspected by the Executive Engineer.

Name of Division	Names of Sub. Divisions included in each Division	Approximate estimate of Expenditure in Sub Dn. during current year	The Class of Officer by whom the Sub Dn. is actually held.	pinion as to the class of Officers by hom it might approximately be ld.	Remarks. 10-3.
1	2	3.	4	5	6.
Kurnool	(1) Cumbum Sub. Division	11,000	Supervisor 1st Grade	An experienced Supervisor or Sub Engineer.	The small expenditure is due principally to frequent sickness and changes of Sub Divisional Officers and Overseers.
Kurnool Canal	(1) Upper Sub Division	68,000	Sub Engineer 2nd Grade. and Honorary Asst. Engr.	No change necessary.	
	(2). Central Sub Division	52,000	Supervisor 1st Grade.	Should be held by a Sub Engr. or Assistant Engineer	
	(3) Lower Sub Division	67,000	Assistant Engr. 2nd Grade.	No change necessary.	

Supdg. Engrs. Office
Bellary 10 Feby./85

Lt. Col. R.E.
Superintending Engineer
3rd Circle

Statement shewing
the approximate Estimate
of Expenditure in the Sub
Divisions & Class of Officers
by whom they are now
held.

11/854-55

SUPERINTENDING ENGINEER'S OFFICE,
~~MADRAS~~,
Bellary ~~Chepauk~~, 10 Feby. 1885.

No. 2242

From
Lt. Col. H. M. Vibart R.E.
~~THE~~ SUPERINTENDING ENGINEER,
III ~~1st~~ CIRCLE,

To
THE Chief Engineer
P.W.D.
Madras

SIR,

Enclosures.

With reference to G.O. No. 152 W. dated 17th January 1885, I have the honor to submit the statement shewing the approximate Estimate of Expenditure in the Sub Dns of this Circle and class of Officers by whom the Sub Divisions are now held.

I have the honor to be
Sir
Your most obedt. Servant.
Henry M Vibart
Lt. Col. R.E.
Superintending Engineer
3rd Circle

From

The Superintending Engineer,

III ~~1st~~ Circle,

To

The Chief Engineer
PWD
Madras

11 FEB 85

ted 10th } February 1885
ed. 11 }

NCLOSURES.

No. 2262

enditure in the Sub
visions of 3rd Circle

On

Forwarding a statement
ewing the approximate
class of Offr. ~~by whom~~ by
om the Sub Divisions
now held

Name of Division	Names of Sub Divisions included in the Division.	Appropriate estimate of expenditure during the current year	Class of Offic by whom the Sub Division is actua held.
1	2	3	4
Nilgiris	North Sub Division Ootacamund.	157,215	Sub Engineer. 3rd grad
	South Sub Division Ootacamund -	78,920	Supervisor. 1st grad
North Arcot	Ranipett –	60,000	Assistant Engineer 2nd grad
	Arni –	35000	Supervisor. 1st grad

Superintending Engineer's Office. 4th Circle }
Coimbatore 9th February /85 } So,

Department —
d proposed Officering Sub Divisions in the
No. 152 W of 17th January 1885.

An opinion as to the class of Officers by whom it might appropriately be held. 5	Any other remarks that may be called for. 6
Sub Engineer or Supervisor. —	
Assistant Engineer. —	
Do. —	Salem being the Head Quarters of a Collectorate it is advisable there should be an Assistant Engineer in charge of the Sub Division. —
Sub Engineer or Supervisor. —	With an Royal Engineer Officer as Division Officer at Calicut I consider that Sub Engineers or Supervisors will do very well as Sub Divisional Officers at Calicut and Cannanore, but for the distant outlying post Mangalore, there should always be an Assistant Engineer —
Do.	
Assistant Engineer.	

P. T. O.

No: 60
4th.

— Public Works
Statement Shewing the present a
Fourth Circle called for in G. O.

Name of Division 1	Names of Sub Divisions included in the Division. 2	Approximate estimate of expenditure during the current year. 3	Class of Officers by whom the Sub Division is actual-ly held. 4
Coimbatore	Coimbatore —	61,410	Supervisor 1st grade, Temporary.
	Erode —	59,980	Assistant Engineer 1st Grade.
	Salem. —	28,520	Supervisor 1st Grade
West Coast	Calicut. —	155,601	Supervisor 1st Grade
	Cannanore. —	40,490	Sub Engineer. 1st Do.
	South Canara —	34,531.	Assistant Engineer 2nd Grade. —

An opinion as to the class of Officers by whom it might appropriately be held.	Any other remarks that may be called for.
5	6
Sub Engineer.—	
Sub Engineer or Supervisor.—	
Assistant Engineer—	The two sub Divisions should be held by Assistant Engineers according to the existing orders of Government.
—Do—	The Arni sub Division has been held by a Supervisor for upwards of 2 years, but this should be altered.—

The Chief Engineer
P. W. Department.

J. Beatty - Colonel. R.E.
Superintending Engineer
4th Circle.

P.W.C. No 1223

From
The Supdg. Engineer,
Fourth Circle.

11 FEB 85

11 FEB 85

Dated 9th } February/85.
Despd 10th }

No 60
W.

Statement showing the present and proposed officering subdivisions in the Fourth Circle, called for in G.O. No 152 W of 17th January 1885.

Complete
Cd.
11.2.85

From
The Supdg. Engineer
5th Circle

To
The Chief Engineer
P.W.D.

Dated 16th } February 1885
Recd }

No 4292

With other papers

Statement showing Officering Sub Divisions in the 5th Circle.

Complete
Cd.
17.2.85

Buckingham Canal	Northern Sub Division	1,83,221	Mr F. J. Wilson Asst Engineer 1 Grade	Assistant Engineer	
	Central Sub Division	85,648	Direct charge of the Executive Engineer	No change needed	
	Southern Sub Division	98,608	Condr J. A. Power Sub Engineer 3 Grade		
South Arcot	Head Quarters Sub Division	20,400	Direct charge of the Executive Engineer	A Sub Engineer	
	Chidambaram Sub Division	55,500	Mr F. W. Ashpital× Asstt Engr 2 Grade	Asstt Engineer 1 or 2 Grade	× On short leave - Sub Division in charge of the Exe: Engineer
	Vriddachallum Sub Division	54,000	N. Ruthnasabapathy Pilly Asstt Engr 1 Grade	Asstt Engr or Sub Engr 1 Grade	
	Tindivanam Sub Division	44,000	Sub Condr F. Heinig Sub Engr 1 Grade	——— Do ———	
Chingleput	Chingleput Sub Division	41,500	R. Vytheanathu Supr Temporary Asstt Engr	An Assistant Engineer or Sub Engineer	
	Trivellore Sub Division	85,000	Mr J. W. H. Ellis Honorary Asstt Engr	An Assistant Engineer	The important Madras Water Supply and Irrigation Extension Project and the Chembrambakum System are in this Sub Division

The Military Buildings in the Cantonments of the Mount, Pallaveram and Poonamallee and the Civil buildings at Guindy and Saidapett are in the personal charge of the Executive Engineer with a Supervisor to assist him. It would be an advantage if there were a Sub Division held by the Supervisor and if the Executive Engineer were relieved of the personal charge of a Sub Division.

Chepauk
16 February 1885

Lt. Colonel R.E.
Superintending Engineer
5 Circle

To
The Chief Engineer
P.W. Deptt

No. 4292

14/854 57

Fifth Circle

Statement shewing Sub Divisions, the class of Officers in charge, the class of Officers proposed to be put in charge &c as called for in G.O. No. 152W dated 17 January 1885

Name of Division	Name of Sub Division included in each Division	Approximate estimate of expenditure in Sub Division during Current year	The Class of Officer by whom the Sub Division is actually held	An opinion as to the classes of Officers by whom it might appropriately be held	Any other remarks that may be called for
Presidency	Madras Sub Division	1,68,000	Lt. S.C. Plummer Apt. Engineer 4th Grade	Captain - Royal Engineer	An Officer is attached to the Division and has charge of Military buildings. Capt. Lindley R.E. is about to join. Mr. Bell is temporarily in charge - Apt. Engr. Lt. Plummer is about to resume charge
		1,54,000	Mr. J. M. Bell Executive Engineer 3rd Grade	An Apt. Engineer	
	Bangalore Sub Division	1,00,000	Sergt. A. Temple Supervisor 1 Grade	Lieut. - Royal Engineers or a Military Upper Subordinate	

6th p. 2

Statement showing the present system of officering Sub Divisions in the Divisions comprised in the VI Circle; vide G. O. No. 152W / 17-1-85.

Name of Division	Names of Sub Divisions included in each Division	Approximate estimate of expenditure in Rs. during current year	The class of officer by whom the Sub Division is actually held	An opinion as to the classes of officers by whom it might appropriately be held	Any other remarks that may be called for
1	2	3	4	5	6
Negapatam Division	Head Quarters	55,373	Executive Engineer, 2nd grade (Temporary)	Generally in the Madras Presidency the Divisions are of large area with numerous works much scattered. This necessitates a head quarter Sub Division under the personal charge of the Executive Engineer. As there are 10 Sub Dns in the Circle & only 8 Asstt Engrs 2 of the Sub Dns are held by Upper Subordinates; there appears no objection to this:	
	Tiruturaipundi	46,704	Assistant Engineer, 2nd grade		
	Mannargudi	87,264	Do, 1st grade		
Tanjore Division	Head Quarters	28,500	Executive Engineer, 3rd grade		
	Tanjore	162,000	Assistant Engineer, 1st grade		
	Mayaveram	58,000	Do, 1st grade		
Cauvery & Venna Regulator Dn	No Sub Division	.	Executive Engineer, 2nd grade		This is a temporary Dn organized for the completion of the Regulator works
Trichinopoly Division	Head Quarters	60,000	Do, 2nd grade		
	Lalgudi	50,000	Sub Engineer, 3rd grade		
	Musiri	20,000	Assistant Engineer, 2nd grade (Supernumerary)		
Madura Division	Head Quarters	88,427	Executive Engineer, 3rd grade		
	Dindigul	60,935	Assistant Engineer, 1st grade		
	Periakulam	47,544	Supervisor, 1st grade		
Tinnevelly Division	Head Quarters	87,118	Executive Engineer, 3rd grade		
	Shermadevi	50,866	Assistant Engineer, 1st grade		
	Tenkasi	38,725	Sub Engineer, 1st grade, or Honorary Assistant Engineer, 1st grade		

Offg. Consulting Architect to Govt.

Lt Col R.E.
Supg. Engr., 6th Circle.

Supg. Engrs Office, 6th Circle
Trichinopoly
11th February 1885

From
The Supd. Engineer
6. circle.

To
The Chief Engineer
P.W.D.

14 FEB 86

No. 1750 T.J.
Dated 11th } February/85.
Recd. }

Statement showing the present system of officering Sub Dns in the Dns Comprised in the VI Circle. Vide G.O. No. 1525 dated 17. Jany 91

Complete

Cd.
14-2-85

18
5453

Statement giving detailed information as to the present System of officering Sub Divns in this Division

Name of Division	Name of Sub Divisions included in the Division	Approximate Estimate of Expenditure in the Sub Division during Current Year	The Class of officer by whom the Sub Dn is actually held	An opinion as to the classes of officers by whom it might appropriately be held	Any other remarks that may be Called for.
Consulting Architect	No. 1 Sub Divn	1.50,000	Sub Engineer (Honorary Asst. Engineer 2nd Grade	Sub Engineer 2nd Grade	The grading of the men is not so important in this Division as is their individual qualifications. The men must be the best of their Class as the work in Madras is of a special kind needing knowledgable and energetic men. A first Class Supervisor or Even an Overseer would be better in this Division than an indifferent Sub-Engineer; for he would have few subordinates under him
	No. 2. Sub Divn	1.50,000	Do 1st Grade	Do — 3rd Grade	

Madras, Chepauk }
31st January 1885 }

Lt Col R.E.
Offg. Consulting Architect to Govt.

P. W. D.

Consulting Architect's Office,
Chepauk, Madras,

31st January 1885

No. 1594 Despd. 2d Feby 1885

12/855-35

From

The Consulting Architect to the Government of Madras.

To

The Chief Engineer, Public Works Department.

Sir,

Enclosures.

1 Statement

With reference to G. O. No. 152 W dated 17th January 1885, I have the honor to submit herewith a statement giving all the information required in connection with the present system of officering Sub Divisions in this Division.

I have the honor to be,
Sir,
Your most obedient Servant,

J.H.E. Mornnt.

Lt. Col. R.E
Offg. Consulting Architect to Govt.

18/85453

P. W. D.

Roads and Buildings.

From

THE CONSULTING ARCHITECT

TO THE GOVERNMENT OF MADRAS,

To

The Chief Engineer
P. W. D.

2 FEB 85

No. 1594

Dated 31st January 1885
Despd 2d February 1885
Received

No. OF ENCLOSURES. 1

Subject.

Submits a Statement giving all the information required in connection with the present system of officering Sub Division in this Division -

Compd

Cy/2.2.85

19/854-535

Statement called for in G.O. No 152 W dd 17 January 1885

Name of Division	Names of Sub Divisions included in each Division	Approximate Estimate of expenditure on Sub Divns during current year	Class of Officer by whom the Sub Division is held	An opinion as to the Class of Officers by whom it might appropriately be held	Other Remarks
No 1 Tank	No 1		Exe Engineer 2nd Grade	As at present. Nos 1 & 4 are only Sub Divisions in name, and there is no objection to the Executive Engineer holding charge of them.	No 1 Sub Division was in charge of a Supervisor 2nd Grade, but as his services were lent to the ordinary Divn Madura the Executive Engineer took charge of it
	" II		Assistant Engineer Temporary		
	" III		Supervisor 1st Grade		
	" IV		Executive Engineer 2nd G.		
No II Tank	No I		Supervisor 2nd Grade	One of these should be and ordinarily is, held by an Assistant Engineer, but he is temporarily detached on other duty	
	" II		Sub Engineer 3rd Grade		

Chepauk
28 January 1885

No 214 T

To
The Chief Engineer
P.W. Depts

Lieut Col R.E.
Supdt of Tank Irrn

Exd

S of W. S-M. 8.

Complete
CH
29.1.85

20/8540

20th

Division	Sub divisions	Approximate estimate of expenditure in Sub Division during current year.	The class of officer by whom the Sub-division is actually held.	The class of officers by whom it might appropriately be held.	Remarks.
Ganjam	1. Berhampore	36,096	Sub. Engineer ~~Executive Engineer in charge of Division.~~	Upper Subordinate	
	2. Chicacole	28,835	Assistant ~~Sub~~ Engineer ~~(tempy)~~	~~Upper Subordinate~~ ~~Experienced Assistant Engineer~~	
	3. Kimedy	1,21,327	Do	Asstt Engr Do	×
Vizagapatam	1. Vizagapatam	35,840	~~Executive Engineer~~ 2 grade in charge of Division ~~charge of Division.~~ no S.D. officer being available	~~Asst. [illegible]~~ ~~Upper Subordinate.~~ Upper Subordinate	
	2. Vizianagram	54,610	Overseer 1st grade	Experienced Upper Subordinate	Upper Subordinate
Godavari Eastern.	1. Head Works	85,339	Anicut Suptt	an of considerable local experience ~~as the present Anicut Suptt~~ of the ~~he should have the temporary~~ rank of Supervisor or Sub Engineer	
	2. Quarry (not yet sanctioned)	1,77,176 ↗	Assistant Engineer 4th grade ~~(tempy)~~	An experienced Engineer capable of hard work.	
	3. Northern.	1,14,649	Assistant Engineer 2nd grade	Assistant Engineer.	
	4. Southern.	1,13,269	Sub Engineer 2nd grade ~~(Temporary)~~	Assist. Engineer ~~Upper Subordinate~~	
	5. Rajahmundry	88,250	Supervisor 2nd grade	Upper ~~Subordinate~~ Do	

Divisions	Sub Divisions	Approximate estimate of Expenditure in subdivision during current year.	The class of officer by whom the sub-division is actually held	The class of officers by whom it might appropriately be held.	Remarks
Godavari Eastern (continued)	6. Dummagudem	20,945	Supervisor ~~2nd grade~~	Upper Subordinate.	
	7. Dowlaishweram Workshops.	1,50,000	Supervisor ~~1st grade~~	Upper Subordinate trained as Mechanical Engineer ~~An Aſsistant Engineer with Experience in Mechanical Engineering.~~	
Godavari Central.	1. Western.	1,46,390	Assistant Engineer 2nd grade	Aſsistant Engineer.	
	* 2. Eastern	1,25,660	Overseer. ~~2nd grade~~	Upper Subordinate.	an experienced Sub Engineer or Supervisor is required for this Subdivision which is held only by an Overseer as a temporary arrangement. * ~~This Sub Division has been in charge of an Overseer since Sub Engineer Lewis left in July 1884. Sub Engineer Venkataram is to have charge when an officer has arrived to take Mr. Lewis' place in Western Delta.~~
Godavari Western.	1. Eastern.	1,48,860	Asstt. Engineer ~~(just gone on furlo)~~	Aſsistant Engineer.	
	2. Western.	85,900	Sub Engineer ~~3rd grade~~	Asst. Engineer ~~Upper Subordinate.~~	
	(3) Imperial Tanks River embankment.	10,000	Aſsistant Engineer	Upper Subordinate ~~Aſsistant Engineer.~~	
Rushikulya	1. Russelcondah.	9,000	Asstt. Engineer. ~~(Temp.)~~	Aſsistant Engineer.	Mr. Lafrenais has temporarily also charge of some of the works in the Aska Sub Dn. ~~until the project is well in hand.~~ as a temporary arrangement.
	2. Aska.	1,54,600	Assistant Engineer 2nd grade	Aſsistant Engineer.	

Divisions	Sub Divisions	Approximate estimate of expenditure in sub division during current year.	The class of officer by whom the sub-division is actually held.	The class of officers by whom it might appropriately be held	Remarks.
Kistna Eastern	1. Head Quarter	Rs. 1,53,902.	Assistant Engineer	It is necessary that all these 3 Sub Divisions should be held by members of the Engineer Estabt.	.: There is a large expenditure in the Head Quarter Sub Dn, in the Workshops and Quarries, for other Divisions. ~~& This includes expenditure on Tools and Plant to the extent of Rs 60,928~~ ~~NB In addition to the above figures for the three Sub Dns of the Kistna Eastern Dn, there is also expenditure of Rs 1,00,000, 2000 and 1,000 respectively in the three Sub Dns for Workshop & Quarry operations~~
	2. Northern	80,000	do		
	3. Southern	70,000	do		
Kistna Western	1. Eastern	1,31,585	do	The charge of these Sub Division must be held by members of the Engineer Estabt.	The expenditure in the Western Sub Dn, would, as a rule, be more, and in the Eastern, less than in this official year.
	2. Western	59,864	do		
Gudwada (Temporary)	1. Coutaram	84,000	do	Asstt Engr ~~One subdivision should form an Assistant Engineer's charge, but the sub division being a small one, the other can be held by an~~ Upper Subordinate	
	2. Gudwada	57,000	Sub Engineer		

Divisions.	Sub Divisions	Approximate estimate of Expenditure in sub division during current year.	The class of officers by whom the sub-division is actually held.	The class of officers by whom it might appropriately be held.	Remarks.
Nellore	1. Gudur.	22,000	Supervisor	Upper Subordinate ~~The employment of an Assistant Engineer in the Kandukur Sub Dn is advisable - The Gudur Sub Dn can be held by a Subordinate.~~	
	2. Kandukur.	40,000	Sub Engineer.	Asstt Engineer.	
Sungum Project	1. Sungum.	2,32,390	Assistant Engineer	Upper Subordinate ~~Works in the Sangam Sub Dn will be much reduced after September next, when a subordinate might hold charge but an Assistant Engineer will be reqd for the Kanigiri Sub Dn.~~	It is expected that works will be much reduced after Septr next.
	2. Kanigiri	2,69,600	do	Asstt Engineers.	
Bellary.	1. Northern or Bellary.	1,35,000	Sub Engineer ~~3rd grade~~ (~~substantive pro tem~~)	~~An experienced Sub Engineer if no Assistant Engineer is available.~~ Asstt Engineer	
	2. Southern or Anantapur	75,400	Sub Engineer ~~3rd grade~~	~~do~~ Upper Subordinate	
Cuddapah.	1. Eastern	40,000	Supervisor ~~1st grade~~ (~~Temporary~~)	~~Supervisor~~ Upper Subordinate	Easily inspected by the Ex. Engr

Assistant Engineer.

Divisions	Sub Divisions	Approximate Estimate of Expenditure in sub-division during current year.	The class of officers by whom the sub-division is actually held.	The class of officers by whom it might appropriately be held.	Remarks
Cuddapah (continued)	2. Madhanapalli	3,000	Supervisor ~~2nd grade~~	Upper Subordinate ~~An Assistant Engineer is preferred.~~	~~There is plenty of work in this Sub Dn for an energetic officer, and it is considered that a more responsible officer should be in charge than a Supervisor.~~
Kurnool.	1. Cumbum.	* 11,000	Supervisor ~~1st grade~~	~~An experienced Supervisor or Sub Engineer~~ Upper Subordinate	~~* The small Expenditure is due principally to frequent sickness and changes of Sub Dnal officers & Overseer~~
Kurnool Canal	1. Upper.	68,000	Sub Engineer ~~2nd grade~~ ~~& Honorary Asst Engr~~	do ~~As at present~~	
	2. Central ~~or~~ ~~Middle~~	52,000	Supervisor ~~1st grade~~	do ~~Should be held by a Sub Engineer or an Assistant Engineer~~ ~~[illegible]~~	
	3. Lower.	67,000	Assistant Engineer ~~2nd grade~~	Assist Engineer ~~As at present~~	
West Coast	1. S. Canara	34,531	Asst Engr ~~2nd grade~~	Assistant Engineer	With an R.E. officer as Division officer at Calicut, it is considered that Sub Engineers or Supervisors will do very well as Sub Divisional officers at Calicut and Cannanore, but for the distant outlying post Mangalore South Canara there should always be an Assistant Engineer.
	2. Cannanore	40,490	Sub Engr ~~1st grade~~	Sub Engineer or Supervisor	
	3. Calicut	1,55,601	Supervisor ~~1st grade~~	do	

Division	Sub Divisions	Approximate estimate of Expenditure in sub division during current year.	The class of officer by whom the sub-division is actually held.	The class of officers by whom it might appropriately be held	Remarks.
Coimbatore.	1. Coimbatore	61,410	Supervisor ~~1st grade~~ ~~(Temporary)~~	Sub Engineer or Supervisor	
	2. Erode.	59,980	Assistant Engineer ~~1st grade.~~	Assistant Engineer	
	3. Salem.	28,520	Supervisor ~~1st grade~~	do	Salem being the Head Quarters of a Collectorate it is advisable there should be an Asst Engr in charge of the Sub Dn
North Arcot.	1. Ranipett	60,000	Asst Engineer ~~2d grade~~	Assistant Engineer	The two Sub Divisions should be held by Asst Engineers according to the existing orders of Govt.
	2. Arni.	35,000	Supervisor ~~1st grade~~	Upper Subordinate do	The Arni Sub Division has been held by a Supervisor for upwards of two years, but this should, be altered. the S.E. thinks, be altered ×
Nilgiris	1. North- ~~No 1~~ Ootacamund	1,57,215	Sub Engineer ~~2d grade~~	Upper Subordinate ~~Sub Engineer~~	
	2. South. ~~No 2~~ Ootacamund.	78,920	Supervisor ~~1st grade~~	do Sub Engineer or Supervisor	

Division	Sub Division	Approximate estimate of expenditure in sub division during current year	The class of officers by whom the sub-division is actually held.	The class of officers by whom it might appropriately be held.	Remarks
South Arcot.	Head Quarters 1. ~~Cuddalore.~~	20,400	Executive Engineer in charge of Division	Upper Subordinate ~~Sub Engineer~~	
	2. Tindivanam	44,000	Sub Engr. ~~1st grade~~	do ~~Asst. Engr. or Sub Engineer 1st grade.~~	
	3. Chidambaram	55,500	Assistant Engr. ~~2d grade~~	Asst. Engineer ~~1st & 2d grade.~~	
	4. Vriddhachellum	54,000	Asst. Engineer ~~1st grade~~	do ~~Asst. Engr. or Sub Engr. 1st grade.~~	
Chingleput.	1. Trivellore	86,000	Sub Engineer ~~Honorary Asst. Engineer~~	Assistant Engineer	~~The important Madras Water Supply and Irrigation Extension Project and the Chembrambaukum System are in this Sub Dn. The Military buildings in the cantonments of the Mount, Pallaveram and Poonamallee, and the Civil buildings at Guindy & Saidapet are in the personal charge of the Executive Engineer with a Supervisor to assist him. It would be an advantage if there were a Sub Dn. held by the Supervisor and if the Executive Engr. were relieved of the personal charge of a Sub Division~~
	2. Chingleput	41,500	Asst. Engr. ~~(Tempy)~~	Asst. Engineer ~~Asst. Engineer or Sub Engineer~~	

no 3

Division	Sub Division	Approximate estimate of Expenditure in sub division during current year.	The class of officers by whom the sub divisn is actually held.	The class of officers by whom it might appropriately be held.	Remarks –
Buckingham Canal.	1. Northern.	1,83,221	Asst Engr 1st grade	Assistant Engineer	It has recently been decided to form a fourth Subdivision –
	2. Central.	85,648	Executive Engineer	Upper Subordinate ~~Executive Engineer~~	
	3. Southern.	98,608	Sub Engr 3rd grade	do ~~Sub Engineer~~	
Presidency ~~and~~ ~~Bangalore~~	1. Madras ~~Presidency~~	1,68,000	Asst Engineer 1st grade	Captain Royal Engineers	This officer has charge of the military works at the Presidency ~~An officer is attached to the Division and has charge of military works.~~
	* 2.	1,54,000	Executive Engr 3rd grade	Assistant Engineer –	Has charge of the Civil works at the Presidency * The Ex. Engr. has been placed here as a temporary arrangement.
	~~2~~ 3. Bangalore.	1,00,000	Supervisor 1st grade	Lieutenant – Royal Engineers ~~or~~ a Milty Upper Subordinate	

~~Presidency~~

~~P.W. Workshops.~~

Division.	Sub Division	Approximate Estimate of Expenditure in subdivision during current year.	The class of officer by whom the sub-division is actually held.	The class of officers by whom it might appropriately be held.	Remarks –
Trichinopoly	1. Head Quarters ~~Museri~~	60,000	Executive Engr 2nd grade in Charge of Division	Upper Subd. ~~as at present~~	
	2. Laulgudi	50,000	Sub Engr ~~2nd grade~~	do — do —	
	3. Museri	20,000	Asst Engr 2nd grade ~~(Supernumerary)~~	Asst. Engineer — ~~do~~ —	
Tanjore.	1. ~~Tanjore~~ Head Qrs	28,500	Ex: Engineer ~~3rd grade~~ in Charge of Division	Upper Subordinate — ~~do~~ —	
	2. Tanjore ~~Mayaveram~~	1,62,000	Asst Engr ~~1st grade~~.	Asst Engr — ~~do~~ —	
	3. Mayaveram	58,000	— do —	do — ~~do~~ —	
Negapatam.	1. Head Quarters ~~Tiruturaipundi~~	55,373	Ex Engr ~~2nd grade~~ in Charge of Division ~~(Temporary)~~	Upper Subordinate — ~~do~~ —	
	2. Tiruturaipundi ~~Mannargudi~~	46,704	Asst Engr ~~2nd grade~~.	Asst Engineer — ~~do~~ —	
	3. Mannargudi	87,664	do — ~~1st grade~~	do — ~~do~~ —	

205

Division.	Sub Division.	Approximate estimate of expenditure in sub division during current year.	The class of officers by whom the sub-division is actually held.	The class of officers by whom it might appropriately be held	Remarks.
Madura.	Head Quarters 1. ~~Dindigul~~	88,427	Ex: Engr. ~~2 grade~~ in charge of Division,	Upper Subordinate ~~As at present~~	
	Dindigul 2. ~~Periakulam~~.	60,935	Asst Engr. ~~1st grade~~	Asst. Engineer ~~Do~~	
	3. Periakulam.	47,544	Supervisor ~~1st grade~~	Upper Subdte. ~~Do~~	
Tinnevelly.	Head Quarters. 1. ~~[illegible]~~	82,118	Ex: Engr. ~~2 grade~~ in Charge of Division	Upper Subordinate ~~Do~~	
	2. ~~Shermadevi~~	50,866	Asst Engr. ~~1st grade~~	Assistt. Engineer ~~Do~~	
	3. Tenkarai.	88,725	Sub Engineer ~~1st grade~~ or ~~Honorary~~ ~~Asst Engineer 1st grade~~	Assist. Engineer ~~Do~~	

Division	Sub Division	Approximate estimate of Expenditure in sub division during current year.	The class of officers by whom the sub division is actually held	The class of officers by whom it might appropriately be held	Remarks
Consulting Architect	No. 1.	1,50,000	Sub Engineer (Temy: Assistant 2d grade)	Properly qualified ~~Sub Engineer 2d grade~~ Upper Subordinate	The grading of the men is not so important in this Division as is their individual qualifications. The men must be the best of their class as the work in Madras is of a special kind needing knowledgable and energetic men. A first class supervisor or even an Overseer would be better in this Division than an indifferent Sub Engineer, for he would have few subordinates under him.
	No. 2.	1,50,000	Do — 1st grade	Do — do — ~~— do — 3d grade~~	
No. I Tank.	No. I* & IV	—	Upper Sub. Executive Engineer in charge of Dn ~~2d grade~~	~~As at present Nos I & IV are only Subdivisions in name, and there is no objection to the Ex. Engineer holding charge of them~~ - - - - - - Do & do — Do — do —	* No. I Sub Division was in charge of a Supervisor 2d grade, but as his services were lent to the ordinary Division Madura, the Executive Engineer took charge of it.
	" II	—	A. E. Asst Engr (Temporary)		
	" III	—	Upper Sub. Supervisor 1st grade		
	" ~~IV~~	—	~~Executive Engr 2d grade~~		
No. II Tank.	No. I	—	Upper Sub. Supervisor 2d grade.	As at present ~~One of these should be and ordinarily is held by an Assistant Engineer but he is temporarily detached on other duty.~~ Asstt. Engr.	
	" II	—	A. E. Sub Engineer 3d grade		

21/85

D.W.

Before initialling this G.O. it seems to me that it might be convenient that E.I. sh see the draft statement with reference especially to the column headed "Class of Officers by whom Sub-division might appropriately be held."

E.G. he might not approve the remark against No. 1 Sub Division in Godaveri Eastern Division?

Perhaps you can take an early opportunity to show him the statement.

Is it proposed to print the statement?

6.3.85

Statement will be printed. R.A. 6.3.85

D.W.

I have noted in pencil the alterations I suggest.

W. I shall now have a fresh statement made out modified as per E.I.'s suggestion.

Jos 6/3/85.

CAW. CS 7.3

Yes. 7/3/30

P.W.

I I The Statement C has been fair copied as revised

R.S
10.3.85

Statement showing Sub Divisions and officers attached

22/83438

Divisions	Sub-Divisions	Present		Proposed	
		Engineers	upper Subordinates	Engineers	upper Subordinates
Ganjam	3	1 +	1	1	2
Vizagapatam	2	1	1	1	1
Godavari - East	7	2	5	3	4
Godavari - Central	2	1	1	1	1
Godavari - West	3	2	1	2	1
Rushikulya	2	2	0	2	0
Kistna - East	3	3	0	3	0
Kistna - West	2	2	0	2	0
Gudiwada	2	1	1	1	1
Nellore	2	0	2	1	1
Sungum	2	2	0	1	1
Bellary	2	0	2	1	1
Cuddapah	2	0	2	0	1
Kurnool	1	0	1	0	2
Kurnool Canal	3	1	2	2	1
West coast	3	1	2	1	1
Coimbatore	3	1	2	1	2
North Arcot	2	1	1	2	2
Nilgiris	2	0	2	0	0
South Arcot	4	3	1	3	2
Chingleput	2	1	1	2	1
Buckingham Canal	3	2	1	2	0
Presidency	3	2	1	2	1
Trichinopoly	3	2	1	2	1
Tanjore	3	3	0	3	1
Negapatam	3	3	0	3	0
Madura	3	2	1	2	0
Tinnevelly	3	2	1	2	1
Consulting Architect	2	0	2	0	1
No. 1 Tank	4*	2	1	2	2
No. 2 Tank	2		2	1	1
	83		8	49	33

+ one Subdivision vacant
* one Engineer in charge of 2 Sub

82

R.S

C.a.w.

The remarks in the Statement proposed to be submitted seem to me not altogether satisfactory.

Opposite Jalesuda it is not clear what is meant.

Cuddapah, Madhanapalli, has an outlay of Rs. 3000 (!) and for this Sub-division it is stated that "an Assistant Engineer is preferred".

The small expenditure, Rs 11000, in Kurnool, Cumbum, is commented on [illegible] nothing is said as to the [illegible] of Rs. 3000 in the adjoining one.

Buckingham Canal seems to call for remark. It is to have a new Subdivi[illegible]

Presidency, Madras, is not clear.

Jeypore, Chicacole, why should this subdivn., with an outlay of Rs. 28,000 require an experienced Asst. Engineer, when an experienced Upper Subordinate suffices for "Sattnam", Godavari East, with Rs. 1,13,269 & "Rajahmundry", Rs. 1,18,250?

CW

26.2.85

To D.W.

24/85455

Subdivisions

The Statement has been revised as shown in pencil and has also been abstracted.

The result is that 43 Subdivisions are now held by members of the Engineering Establishment, while it is considered that 49 should be so officered. The sanctioned number of Asstt Engineers of the Permanent Establishment is only 40.

Subdivisions are in some cases held by Executive Engrs. in addition to the Divisional Charge, and in other cases, temporary Asstt. Engineers are posted to them. If all of Subdivision were held by an Asstt Engrs, we should require 83 officers of this class.

R.S.
25.2.85

C.A.W.

I think the statement is now much better.

The arrangement under which the E.E. of Division sometimes holds charge also of the Hd Quarters Sub-division as at present, & which is recommended in one case to be continued, seems to me objectionable. I rather think the E.E. should ever be quite independent of the detailed work of a subdivl charge —

The draft & statement to be submitted to W. on his return.

CH
25.2.85

To W/ Submitted

R.S.
25.2.85

To W.

Statement, modified as per E.E.'s suggestion, is now submitted for your initials. Also draft of covering letter to G. of I. —

The only point I am doubtful about is whether, where under column 5 such terms as "Sub-Engineer or Supervisor" are used, we should not simply substitute "upper subordinate" — G. of I. having merely asked for the class of officers suitable for the charges. Also whether the words "experienced" & "capable & properly qualified" & "hard working" should not be omitted.

The remarks opposite "Canal Subdivision" re work should I think be struck out. It is inconsistent with the opinion that an upper subordinate can appropriately hold the charge.

CH
10.3.85

D.W.

I quite concur in above suggestions.

Use term upper subordinate everywhere in column 5, and omit all adjectives.

W
11.3.85

C.A.W.
Dispose of accordingly
CH

to them. If each of Subdivision were held by an Asst Engr, we should require 83 officers of this class.

R.S.
25-2-85

C.A.W.

I think the statement is now much better.

The arrangement under which the E.E. of Division sometimes holds charge also of the Hd. Quarter Sub-division as at present, & which is recommended in one case to be continued, seems to me objectionable. I rather think the E.E. should ever be quite independent of the detailed work of a Subdivn. charge.—

The draft & statement to be submitted to W. on his return.

CW
25-2-85

To W.

Submitted

R.S.
25-2-85

23/C
8384-85

To W.

Statement, modified as per E.E.'s suggestion, is now submitted for your initials. Also draft of covering letter to G. of I.—

The only point I am doubtful about is whether, where under column 5 such terms as "Sub-Engineer or Supervisor" are used, we should not simply substitute "upper subordinate" — G. of I. having merely asked for the class of officers suitable for the charges. Also whether the words "experienced" & "capable such work" & "properly qualified" should not be omitted.

The remarks opposite "Arni Subdivn", N. Arcot, should I think be struck out. It is inconsistent with the opinion that an upper subordinate can appropriately hold the charge.

CW
10-3-85

D.W.

I quite concur in above suggestions.

Use term **upper subordinate** everywhere in column 5, and omit **all** adjectives.

W
11-3-85

C.A.W.

Disposing accordingly

CW

To D.W.

The Statement has been revised accordingly

C.S.
11-3-85

26/1854 85

C.A.W.

From information now received it would appear ~~that~~ in the returns of Subdivisions & outlay about to be submitted to S. of S. the entries against Kurnool Div^n are not quite correct. There is only one subdivision, Cumbum, shown but the H^d Quarters is virtually also a subdivision. In other Divisions the H^d Quarters & works connected therewith, in direct charge of the E.E., have been shown as a Sub-division.

This sh^d be looked into, as the Return to India sh^d be quite correct in every way.

C.S.
18.3.85

To D.W.

The Subdivisional Statement has again been checked.

In the reorganization of the Dept. separate provision was not made for head quarters Subdivisions. Ex: Engrs were at liberty to form such Subdivisions, provided they held charge themselves. Please see para 2 of Circular No 1457 d/

Connection. Such Subdivisions have never been recognised as requiring separate offices and we have thus taken no account of them. I think they may even be omitted in the present statement, where they occur, there being no formal sanction to them.

R.S.
19.3.85

C. A. W.

I think that where there are separate H^d Quarter Subd^ns in charge of the Ex: Eng^rs, they should certainly be shown in the statement to be submitted to the G. of I. — whether these subdivisions are to remain in charge of the Ex: Eng^r himself or not. I think the Ex. of a Div^n ought not to have charge of a Sub Div^n — it is not his legitimate work & must interfere with the general administration of the Division. The statement sh^d then show that Sub Div^ns not in direct charge of the Ex. E. may be appropriately held by an Upper Subordinate & in some cases by an A.E. — If we do not do this the statement would be in my opinion misleading. ——

CA
20.3.85

To S.W.

As the required information is not available here, an office note to E^c is put up.

R.S.
20-3-85

27/85
854/85

approved
CA

GOVT. OF MADRAS. 1885. P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

D/85 37

Madras, 21st March 1885.

Office Note No. 946

To Encs: —

W.

23 MAR 85

Your O. N. No. 201 D. dated 20th. March 1885.

KEEP WITH Genl. No.

dated 188 .

There is no information in this Office to enable me to say whether Executive Engineers hold Sub Divisions in which works expenditure is incurred- nor can I give expenditure by Sub Divisions.

C.

29/
31/3

No 630 Coll/74

No. 630

GOVT. OF MADRAS. } 1885. { D [illegible] No 27

SECRETARY.

Chepâk, March 24th 1885.

Recd 26.3.85

OFFICE NOTE.

8595

From W

To S.E. V

G.O. No 152 W d/ 17.1.85.

It is supposed that the head quarter Sub Divisions have been omitted from statements submitted. Please state at once names of these & the approximate expenditure in each.

Cy

24.1.85

Dy W

26 MAR 85

No 4877

Separate Head quarter Sub Division in the Presidency Division under the Executive Engineer. The Sub Division at the Head quarters of the Division is that of Bangalore.

There is no separate Head quarter Sub Division of the Buckingham Canal tho' the Executive Engineer is shown as in charge of the central Sub Division.

There is no separate Head quarter Sub Division in Chingleput Division.

There is the Head quarter Sub Division under the Executive Engineer in South Arcot this is shown in the Statement dated 16th February 1885.

The expenditure is given there for every Sub Division.

[illegible]

Coll. P.V.E.

Superintg Engr 5th Circle

25th March 1885.

RS/

There is n

No. 630 C

GOVT. OF MADRAS. } 1885. { P. W. DEPT.

SECRETARY.

Chepák, March 24th 1885.

OFFICE NOTE.

From W. 30/832.55

To C.A. to Govt

G.O. No. 152 W d/ 17. 1. 85.

It is supposed that the head quarter Sub Divisions have been omitted from statements submitted. Please state at once names of these with approximate expenditure in each

C.S.
24. 3. 85

Dy W

RS

P.T.O

No. 1872

26 MAR 85

To

D. S.

There is no special head-quarter sub-Division attached to the Division.

Chepauk
25th March 85

W. E. Coughtrie

Recd 26.3.85

Complete

CI
26.3

(T. 123)

Class. D S	Madras Railway Licensed Telegraphs.	Local No.

To (Station.) Madras

From (Station.) Coimbatore

No.	Words.	Time tendered for transmission. Railway time. Day.	Hour.	Minute.
44			a	

Official Instructions.

31/3/85 4.55

To (Person.) Madras Works Superintending Engineer Fourth Circle Triplicane

From (Person.)

1 Head	2 quarter	3 Subdivisions
4	5	6
7 were	8 not	9 omitted
10	11	12
13 They	14 are	15 Coimbatore
16	17	18
19 Calicut	20 Ootacamund	21 north
22	23	24
25 and	26 South	27
28	29	30
31	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51

Received From Sa
At Hrs. Mts. on the
By

Sent To
At Hrs. Mts. on the
By

Date 25/3/85

100,000—26-11-84.

Geo. Pitt
Signaller in Charge.

A/C No 2760

Recd 26.3.85

SECRETARY TO GOVT. P.W. DEPARTMENT
26 MAR 85

Compile
26.3

610

Class DS

INDIAN TELEGRAPH.

Local No. 08422

To (Station) Madras

From (Station) Rayahmundry

Words.	Day.	Hour.	Minute.
40/3	27	10	Hrs

Official Instruction.

To (Person) Madras Works

From (Person) Supg Engineer 1st Circle

Your telegram twenty fourth x no head quarters subdivisions in charge of executive Engineers excepting vizagapatam temporarily x expenditure in godavari divisions too great and northern districts too extensive if executives tied down to subdivision —

Recd. from At Hrs. Mts., By L. N.

Sent to At Hrs. Mts., By L. N.

Date

MADRAS 27-3-85 Telegraph Master.

B EMs C P G I S F—S.P—No. 182—2,000,000—28-1-85.

P.W.C. No 2869

Rd. 27.3.85

SECRETARIAT TO GOVERNMENT
27 MAR 85
P.W. DEPARTMENT MADRAS

Compile
Cy
27.3

Class.

INDIAN TELEGRAPH.

Local No. 07949

To (Station) DS Madras

From (Station) Masulipatam

Words. 31 | 3 Day. 25 Hour. 18 Minute. 25.

Official Instruction

To (Person) Madras Works

From (Person) Suptg Engr. 2nd circle

33/85

Your telegram yesterday x no separate head quarter sub divisions in other divisions than Kistna Eastern x expenditure in which ~~x~~was included in statement sent ~~all~~ already

x was.

Recd. from L. N. At Hrs. Mts., By

Sent to L. N. At Hrs. Mts., By

Date

MADRAS 25-3-85

Telegraph Master.

C. No 2759

Recd 26 3 85

SECRETARY TO GOVERNMENT
26 MAR 85
P.W. DEPARTMENT

Complete
CY 26

Post copy of a Telegram despatched from the Supdg: Engineer 3d Circle to the Chief Engineer P.W.D. Madras d/30/3/85.

34
53/85

Bellary Head Quarters Sub Division approximate outlay Rs 30.150. Cuddapah Ditto 17,300 Kurnool Ditto 8015 Canal Division has no Head Quarter Sub Division. In previous Statement for Rs 135,100 read 104,960

Lt Col R.E.
Supdg: Engineer
3d Circle

Supdg Engrs Office
Camp Ramandroog
31st March 85

To
The Chief Engineer
P.W.D.
Madras

2 APL 85

(T. 123) L. T. 1.

Class. DS

Madras Railway Licensed Telegraphs.

Local No.

To (Station.) Madras	From (Station.) Hospett
No. 406	Words. 68
Time tendered for transmission. Railway time. Day. 30 Hour. D Minute. K	m m
Official Instructions.	9 at Bellary
To (Person.) Madras Works	From (Person.) Col. Vibart R. E

37/854-55

Bellary Head quarter
Sub division approximate
outlay rupees Thirty Thousand
one hundred and fifty - X
Cuddapah ditto Seventeen
Thousand and Three hundred
Kurnool ditto Eight Thousand
and fifteen X Canal division
Has not head quarter
Sub division X in previous
statement for rupees one
hundred Thirty five
Thousand one hundred read
one hundred and four
Thousand nine hundred and
Sixty X

Received From

At Hrs. Mts. on the

By

Sent To

At Hrs. Mts. on the

By

Date

100,000—26-11-84.

Signaller in Charge.

D.W.

8·5 4-55 N 36/854555

The accompanying is the latest revised "proof" of the Subdivision Statement. The printing has been passed out and advices of latest corrections entered.

As regards the North Arcot Division, the S. E. IV reports only 2 Subdivisions, if the head quarter Subdivision mentioned by the Dy. Examiner is now to be inserted, another reference to the S. E. will be needed as regards outlay.

When the returns were framed, the North Arcot Division was in the IV Circle. It has since come under the V.

R. S.
8.4.85

The statement may be passed now.

C. S.
8.4

To D.W.

Head Quarter Subdivisions.

The replies are now all in. The III Circle is the only one in which any change seems necessary. The information given by the S.E. has been entered on the "proof" of the Statement. A revised "proof" will be necessary on which the officers in charge & proposed in columns (4) & (5) can be entered. There is no room on the present printed copy.

A.S.
2-4-85.

Very good. The type used in proof sheet seems to me too small & the column too crowded. Is North West quite correct? In C.E.'s last Inspection Report I noticed there it was stated there was a Sub divn at Hd Quarters.

C.A.
4/4/85

For orders 37/85438

C.A.W.

All the replies have come in to No. 630 C of 24-3-85 about head quarter subdivisions with the exception of the III Circle.

The matter is considered urgent.

31/3

Reminder× by wire

A.S.
31. 3. 85.

×Despd 31/3/85

Reply recd. C. No 3062
1-4-85.

Genl
Estabt

G.O. 857 W

No ~~603~~ W PUBLIC WORKS DEPARTMENT.

Print statement

38/85953

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the ~~13th March/85~~ 8th April/85

again
READ the following

G.O. No. 152 W d/ January 17th 1885.

Read also:—

From the Supdtg Engr. I Circle (H.E. - - - d/ Feb: 2d 1885)
Do ——— II " (" No 368 G.L. d/ " 9th ")
Do ——— III " (" " 2242 d/ " 10th ")
Do ——— IV " (" " 60/Ew d/ " 9th ")
Do ——— V " (" " 4292 d/ " 16th ")
Do ——— VI " (" " 1750 J d/ " 11th ")
rom the Consulting Architect to Govt (" " 1594 d/ Jany 31st ")
rom the Supdt of Works, Tank Maintce (" " d/ " 28th ")
ffice note from the Ex: P.W. accts: No 946 d/ 21st March/85
From the Supdtg. Engr: II. Circle – No 4877 d/ 25th March/85
" " Consg: archt: to Govt: " 1872 d/ 25th March/85
g: from S.E. IV Circle – d/ 25th March/85
" – " – " – II Circle d/ 25th March/85
" – " – " I. Circle d/ 27th March/85
" – " – " " III Circle d/ 30th – do –

Ordered that the Govt of India be addressed:—

855 W d/ 8 April 85

(H.E. No 604 W d/ 13th March/85)

To,

The Secy. to the
Govt. of India, P.W.D.

Sir,

In reply to your letter No. 24 G d/ 5th January 1885, I am directed to forward the accompanying statement furnishing the required detailed information as to the present system of officering subdivisions in the P.W. department in the Madras Presidency.

Pro of this sent
to D.W.

W/14/3

sc/w
Cd. 18/4/85
25.2.85

39/854-55

Govt. of 1885 Madras.

PUBLIC WORKS.

Dated [illegible]

Recd. 8 April /85 No. 854 / 855

G.O., [illegible] 1885, No. [illegible]

[illegible]

[illegible] information [illegible]

[illegible] request [illegible]

[illegible] forwarded [illegible]

60 / 2 / 5 / 2

[illegible]