

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1679	Press
B.P. No.		Mis.
Dated	14.6.	195-1875

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
14th June 1875.*

No. 321. Read the following letter from Lieutenant-Colonel R. A. ROBERTS, R.E., Superintending Engineer, Tanjore, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Tanjore, 6th May 1875, No. 580 :—

BEFORE availing myself of the furlough granted to me in G. O., Military Department, dated the 19th April 1875, No. 279, and before I leave the Tanjore District, I think it my duty to offer the following remarks for the consideration of Government.

2. From the published return the land revenue of the Godavery District appears to be now a little more than the land revenue of Tanjore, though Tanjore is still, as it has always been, the richest and the most important district of this Presidency.

3. It is admitted on all sides that the advancement of the Godavery in wealth and revenue is entirely due to the great attention that has been given to its works of irrigation, and to the large sums that have been spent upon them, and there is no reason to doubt that if Tanjore were treated in a similarly liberal manner, its revenue would be considerably increased, instead of standing, as it has done, at almost the same figure for the last fifty years; while the revenue of the Godavery has more than doubled itself, in fact has increased by about 23 lakhs of rupees during the last twenty years.

4. I am aware that an impression prevails in some quarters that Tanjore is almost wholly cultivated already, and that, however much may be expended on its works of irrigation, cultivation and revenue cannot be increased to any appreciable extent, but I am fully satisfied that this is a mistake.

5. There are thousands of acres of land in Tanjore that yield but a very poor revenue, or no revenue at all, and, what is as much to be deplored, produce no crops and yield no benefit to the people through defective irrigation and defective drainage.

6. Very many able reports have been written from time to time on this subject, and some of the ablest officers of Government have devoted their best energies to remedy the defects above referred to; but with insufficient funds, and with a totally insufficient establishment, it is impossible to expect that the state of the works in Tanjore should be better than they are.

7. With the exception of the few regulating works constructed during the past few years, at the heads of the Vennar and its branches, and at the heads of the Arasalar and Veerasholen, there has been nothing done of any practical value for the proper distribution of the waters of this district for nearly forty years; and the consequence is that when the rivers are low the lands at the head of the delta appropriate more than a fair share of the water, and leave the lands lower down a parched and barren waste, while in the season of floods the owners of lands at the head of the delta force all the water downwards, and swamp the lands near the coast.

8. A great deal has been undoubtedly done in improving the old native works of the district, but it has been almost exclusively confined to embankments. This work was essentially necessary, and it has during recent years saved the district from the disasters which were of such common occurrence in seasons of floods a few years ago.

9. A great deal more requires to be done in this respect, but the great want of the district at the present time is a proper distribution of the water. All the old

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head-sluiques, built without system and apparently without calculation, require to be reconstructed and remodelled, and the working of the head-sluiques must be taken out of the hands of the villagers or they will be speedily destroyed, and many cultivators will be ruined, as is the case at present.

10. I am aware that the resources of Government in regard to establishment and funds are limited. Tanjore has, however, a strong claim to have a fair and proportional share of these resources, but the following statements show that it does not at present receive a fair share of one or the other.

Probable Executive Establishment in the Godavery, Kistna, and Tanjore, on the 1st May 1875, exclusive of District Engineers.

	Godavery.	Kistna.	Tanjore.	Remarks.
Executive Engineers ...	2	1	1*	* This Officer will be in charge of the district in a few days. † One of these has applied for 6 months' leave, the other is on special duty. ‡ 1, a young man, only recently appointed.
Assistant do. ...	5	4	2†	
Sub-Engineers ...	2	1		
Supervisors ...	2	4	3‡	
Overseers ...	10	12	9	
Delta Superintendents ...	29	10		
Total ...	50	32	15	

Allotments for Ordinary Irrigation Works in 1874-75, vide G. O., No. 1,061, dated 16th April 1875.

	Repairs.	Minor New Works.	Total.
	Rs.	Rs.	Rs.
Godavery ...	1,73,600	5,000	1,78,600
Kistna ...	1,59,000	7,776	1,66,776
Tanjore ...	1,70,000	17,000	1,87,000

11. These statements show that while the allotment for Irrigation Works is practically the same for the three districts, the establishment of the Godavery is at the present moment three times, and that of the Kistna twice as strong as that of Tanjore; and that the works in the Godavery and Kistna, though quite new, receive as much for their up-keep as the ancient, and originally ill-constructed, works in Tanjore, where what is called "repair" is frequently "reconstruction."

12. It will be observed that I have included Delta Superintendents in the establishment of the Godavery and the Kistna, for although they belong to what is called the Conservancy Establishment, I suppose they perform some executive duties. As a matter of fact the whole establishment of Tanjore is a Conservancy Establishment, and, in making a comparison, the Delta Superintendents must be included. In a few days more the executive establishment of Tanjore will actually consist of only three Supervisors and nine Taluq Overseers, while the allotments for the year amount to about five lacs.

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13. I am aware that there is a considerable amount of expenditure from Loan Funds in the Godavery and the Kistna, but they are large works, and require but a comparatively small amount of supervision. One Overseer on a large work can easily supervise work to the extent of 50,000 or 60,000 Rupees in a season, while it would take three or four Overseers to superintend works costing a similar amount when scattered over three or four taluqs.

14. A considerable amount of Loan Funds has been expended of late years in Tanjore also, but the work was entirely superintended by the ordinary establishment.

15. Taking all these circumstances into consideration, Tanjore should have at the least as strong an establishment as the Godavery, and one and a half times as much money for the up-keep of its works.

16. In making this comparison I am far from thinking that the establishments of the Godavery or the Kistna too large, I merely desire to show that the establishment at present in Tanjore is entirely too small, and that until the Government can find ways and means to increase the establishment generally, Tanjore should have a proportional share of the existing general establishment.

17. I have carefully examined the Annual List of the Establishment recently published, and I am of opinion that besides the District Engineer, Tanjore is entitled to two Executive Engineers, three Assistant Engineers, two Sub-Engineers, three Supervisors, and the usual complement of Overseers. I am also of opinion that, in justice to the landowners and cultivators of Tanjore, the establishment should never be less than the above number, and that special works should be specially provided for.

18. The next thing to be considered is the distribution of this establishment, or of the smaller establishment at present in the district.

19. I am strongly of opinion that the proposals made in my letter printed with G. O., dated the 6th January 1875, No. 19, and the reconsideration of which I now earnestly urge on the attention of Government, is the best and the most judicious arrangement that can possibly be adopted. I have consulted the Range Officers, some members of the Revenue Department, and others who are interested in the works of this district, and all agree with me in saying that the arrangements I propose would be a vast improvement on the arrangements now in force.

20. The objections to the present arrangements are:—

- 1st., that Nos. 3, 4, and 5 Ranges are each comprised of portions of different Revenue divisions;
- 2nd., that they extend across the delta and give each Range Officer short sections of numerous different rivers; and,
- 3rd., that we have not competent officers for the charge of five distinct ranges.

21. The proposed arrangement would make each range conterminous with the Revenue divisions (No. II. Range would embrace two of the small Revenue divisions). It would give each Range Officer a longer reach of a fewer number of rivers, and a better command of the distribution of water, and there is a possibility that the district will seldom or never be without at least four officers competent to take charge of ranges.

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22. These ranges should be all first class ranges and be divided into sub-division of taluqs. The head quarters sub-divisions (except in the case of Tanjore itself) to be immediately under the Range Officer, while the two sub-divisions of Tanjore and the second sub-division of each of the other ranges to be under Sub-Division Officer in each case.

23. The following table shows the distribution of the ranges as they now stand and as proposed:—

No. of Range.	Taluq.	Revenue Division.	Area.	Revenue.	Office Establishments.
I...	Tanjore ...	Deputy Collector No. 1.	635	5,56,130	Range ... 171 Sub-Division 39 — 210
II...	Combaconum...	Assistant Collector ...	341	7,59,818	
III.	Mayaveram ..	Head Assistant Collector. Sub-Collector ...	276	5,57,031	Range ... 171 Sub-Division 39 — 210
	Sheally ...		170	2,68,621	
	Nunnilum ...		294	7,16,388	
			740	15,42,040	
IV.	Negapatam ...	Sub-Collector ...	242	3,93,198	Range ... 136
	Tritrapoondy...	Deputy do. No. 2. ...	536	3,11,495	
			778	7,04,693	
V.	Munnargoody..	Do. do. do.	300	3,92,659	Range ... 136 — 828
	Puttoocottah ...	Do. do. No. 1 ...	945	1,83,658	
			1,245	5,76,317	

Proposed arrangement:—

No. of Ranges	Taluq.	Revenue Division.	Area.	Revenue.	Office Establishments.
I.	Tanjore ...	Deputy Collector No. 1.	635	5,56,130	Range ... 171 2 Sub-Divisions 78 — 249
	Puttoocottah ...	Do. do. do. ...	945	1,83,658	
II.	Combaconum...	Assistant Collector Head do. do. Do. do.	1,580	7,39,783	Range ... 171 Sub-Divisions 39 — 210
	Mayaveram...		341	7,59,818	
	Sheally ...		276	5,57,031	
			170	2,68,621	
III.	Nunnilum ...	Sub-Collector ... Do. ...	787	15,85,470	Range ... 171 Sub-Division 39 — 210
	Negapatam ...		294	7,16,388	
			212	3,93,193	
IV.	Munnargoody..	Deputy Collector No. 2. Do. do. do. ...	536	11,09,586	Range ... 171 Sub-Division 39 — 210
	Tritrapoondy...		300	3,92,659	
			536	3,11,495	
			836	7,04,154	

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24. The proposed arrangement will increase the cost of office establishments by Rupees 51 per month, but it is probable that as the Controller of Public Works Accounts will have a range less to deal with he may be able to reduce his establishment by a similar amount.

25. There is nothing in the papers printed with G. O., Nos. 1,586, dated 1st July, and 1,824, of the 2nd August 1872, against the arrangement now proposed, and which I am given to understand was contemplated by Majors Hasted, Mead, and Montgomeri, when these officers were in charge of the district. The question discussed on those papers had reference to the supposed necessity of keeping the boundaries of ranges within the limits of Local Fund Circles, but experience has shown that this is a matter of no importance whatever.

26. The only account forwarded by Range Officers to Local Fund Boards is an extract from their monthly Progress Report, and it will not cause any inconvenience and but very trifling additional labor to send two extracts instead of one as should be done in the case of Nos. II. and IV. of the proposed ranges. It has been suggested, moreover, to have but one Local Fund Circle in this district, the suggestion has for the present fallen through, but there is every prospect of its being revived and carried through at some future time.

27. It will be observed that Tanjore and Puttoocottah form a comparatively large range, but with two Sub-Division Officers the range can be easily and well managed. There are but very few rivers in the Tanjore Taluq, and it is when the rivers are dry, and when the Range Officer's presence is not much required in Tanjore, that he will be required in the Puttoocottah Taluq, in reference to the numerous tanks in that taluq which have never been attended to by this department.

28. The proposed No. III. Range is, on the other hand, comparatively small in regard to area, but there is constantly something going on in connection with the port of Negapatam and the coast canal, which makes it always an important range. Though a portion of the canal runs along the skirt of the Tritrapoondy Taluq, the canal would still for obvious reasons belong to the Negapatam range.

29. In conclusion, I trust that Government will be pleased to consider this report favorably. It is the result of careful deliberation and inquiry, and I am perfectly satisfied that if the proposals which I have now the honor to submit are sanctioned, there will accrue great advantage to this district.

No. 322.

ORDER THEREON, 14th June 1875, No. 1,679.

ESTABLISHMENT, No. 16.

Lieutenant-Colonel Roberts.
Mr. W. B. Leggatt.
Lieutenant Greenaway.

THE Honorable the Governor in Council observes that by recent changes, whereby the officers as per margin have been removed from the Tanjore District, while none have as yet been posted to take their place, the executive staff has been

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rendered so weak as urgently to demand strengthening, and as under existing circumstances it is not practicable properly to officer the five ranges the alternative of reducing their number must be adopted. His Excellency in Council, however, considers that instead of adopting Colonel Roberts' proposals, which involve important alterations in all the ranges, it will be better to amalgamate the Tanjore and Combaconum ranges, leaving the other three as they are at present.

2. The Ranges will then become as follows:—

	Taluqs.	Area.	Square miles.
Tanjore Range	{ Tanjore ... Combaconum ...	635 341	976
With two sub-divisions.			
Mayaveram Range	{ Mayaveram ... Sheally ... Nunnilum ...	276 170 294	740
With two sub-divisions.			
Negapatam Range	{ Negapatam ... Tritrapundy ...	242 536	778
With one sub-division.			
Manargudy Range	{ Manargudy ... Puttoocottah ...	300 945	1,245
With one sub-division.			

and the effect of these alterations as regards cost of establishments will be—

Tanjore Range	...	Rs.
Two Sub-divisions at 39	...	171
Mayaveram Range	...	78
Two Sub-divisions at 39	...	171
Negapatam Range	...	78
One Sub-division	...	136
Manargudy Range	...	39
One Sub-division	...	136
	...	39
Total	...	848

Present Establishment.

Two Ranges at 171	...	= 342
Three do. at 136	...	= 408
Two Sub-divisions at 39	...	= 78
	...	828
Increase	...	20

which will be met from savings.

3. Until the return from leave of either Major Mead or Lieutenant-Colonel Oakes the Acting District Engineer will retain charge of his own range, Negapatam, to which a sub-division has now been given. Sub-Engineer Munneappah Pillai will be transferred from Madura to Tanjore at once, and Mr. Supervisor Baker will be posted to Tanjore on relief by Captain F. Graham in the Tindivanam Range of the South Arcot

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District. Another Supervisor for the charge of the 6th Sub-division will be made available as soon as possible.
(True Extract.)

Major, R.E.,

Offg. Joint Secretary to Government.

To the District Engineer, Tanjore.
" " " Madura.
" " " South Arcot.
" Chief Engineer for Irrigation.
" Controller of Public Works Accounts.
" Revenue Department.

Exd S. T. Austin.
Spare Copies

No 580 Superintending Engineer Office
Bangalore 6th May 1875
From

Lieut. Colonel D. A. Roberts
Superintending Engineer
Bangalore

To
Colonel C. W. Walker
Secretary to Government. P. W. D.
Madras

Before availing myself of the
Furlough granted to me by C. D.
M. D. dated the 19 April 1875 No 279
and before I leave the Bangalore
District, I think it my duty to offer
the following remarks for the consideration
of Government.

2. From the published Returns,
the Land Revenue of the Coimbatore
District, appears to be now a little more
than

that the land Revenue of Bangalore,
though Bangalore is still (as it has
(always been) the richest and the most
important District of this Presidency.

3. It is admitted on all sides
that the advancement of the Godavari
in wealth and Revenue is entirely
due to the great attention that has
been given to its works of irrigation
and to the large sums that have been
spent upon them; and there is no reason
to doubt that if Bangalore were treated
in a similarly liberal manner, its
Revenue would be considerably increased,
instead of standing, as it has done, at
almost the same figure for the last
fifty years; while the Revenue of the
Godavari has more than doubled itself,
in fact, has increased by about 23 Lakhs
of Rupees during the last twenty
years.

4. I am aware that an impression
prevails in some quarters, that Bangalore
is almost wholly cultivated already; and
that however much may be expended on
its works of irrigation, Cultivation and
Revenue cannot be increased to any
appreciable extent, but I am fully
satisfied that this is a mistake.

5. There are thousands of acres
of land in Bangalore, that yield but a
very poor Revenue, or no revenue at all,
and what is as much to be deplored,
produce no crops and yield no benefit to
the people through defective irrigation and
defective drainage.

6. Very many able reports have
been written from time to time on this
subject and some of the ablest Officers
of Government have devoted their best
energies to remedy the defects above
referred to; but with insufficient funds
and.

4. With the exception of the few regulating works constructed during the past few years, at the Mounds of the Yarnar and its branches and at the Mounds of the Brasalar and Texadalers, there has been nothing done of any practical value for the proper distribution of the waters of this District for nearly 40 years, and the consequence is that when the Rivers are low, the lands at the head of the Delta appropriate more than a fair share of the water and leave the lands lower down so parched and barren waste, while in the seasons of floods, the owners of lands at the head of the Delta force all the water downwards, and swamp the lands

A great deal more requires to be done in this respect; but the great want of the District at the present time, is a proper distribution of the water. All the old head Sluices built without systems, and apparently without calculations, require to be reconstructed and remodelled, and the working of the Head Sluices must be taken out of the hands of the Villagers, or they will be speedily destroyed and many cultivators will be ruined, as is the

the case at present.

10. I am aware that the resources of Government in regard to Establishment and Funds are limited. Yajore has however a strong claim to have a fair and proportional share of these resources, but the following statements show that it does not at present receive a fair share of one or the other.

Probable Executive Establishments in the Godavery, Krishna and Yajore, on the 1st May 1875 exclusive of District Engineers.

	Godavery	Krishna	Yajore	Remarks
Executive Engineers	2	1	1	This Officer will be in charge of the District for a few days. One of these has applied for 6 months leave, the other is on Special duty.
Assistant Engineers	5	4	2	
Sub. Engineers	2	1	1	
Superintendents	2	4	3	A young man only recently appointed.
Overseers	10	12	9	
Deputy Superintendents	29	10	9	
Total	50	32	15	

Alotments.

4
Alotments for Ordinary Irrigation works in 1874-75. Vide G.O. No. 1061 dated 16th April 1875.

	Repairs	Minor New Works	Total
Godavery	1,13,600	5,000	1,18,600
Krishna	1,59,000	7,776	1,66,776
Yajore	1,70,000	17,000	1,87,000

11. These statements show that while the allotment for Irrigation works is practically the same for the 3 Districts, the Establishments of the Godavery is at the present moment three times and that of the Krishna twice as strong as that of Yajore; and that the works in the Godavery and Krishna though quite new, receive as much for their upkeep, as the ancient and originally ill constructed works in Yajore, where what is called repair is frequently

much done in the case of the Krishna and Godavery works.

frequently reconstruction."

12. It will be observed that I have included Delta Superintendents in the Establishment of the Godavery and the Krishna, for although they belong to what is called the Conservancy Estab-
lishment, I suppose they perform some Executive duties. As a matter of fact the whole Establishment of Tanjore is a Conservancy Establishment, and in making a comparison, the Delta Superintendents must be included. In a few days more the Estab-
lishment of Tanjore will actually consist of only 3 Supervisors and 9 Taluk Officers, while the allotments for the year amount to about 5 lacs.

13. I am aware that there is a considerable amount of expenditure from loan funds in the Godavery and the

the Krishna, but they are large works and require but a comparatively small amount of Supervision. One Officer in a large work can easily supervise work to the extent of 50 or 60,000 Rupees in a season, while it would take 3 or 4 Officers to superintend works costing a similar amount, when called over 3 or 4 Taluks.

14. A considerable amount of loan funds have been expended of late years in Tanjore also, but the work was entirely superintended by the ordinary Establishment.
15. Taking all these circumstances into consideration, Tanjore should have at the least as strong an Establishment as the Godavery and one and a half times as much money for the up keep of its works.

16. In making this comparison I am far from thinking that the Estab-
lishment of the Godavery or the Krishna

are too large. I merely desire to show that the Establishment at present in Tanjore is entirely too small, and that unless the Government can find ways and means to increase the Establishment generally, Tanjore should have a proportional share of the existing general Establishment.

17. I have carefully examined the annual List of the Establishments recently published, and I am of opinion that besides the District Engineer, Tanjore is entitled to 2 Executive Engineers, 3 Assistant Engineers, 2 Sub Engineers, 3 Supervisors, and the usual complement of Quarters. I am also of opinion that in justice to the land owners and Cultivators of Tanjore, the Establishment should never be less than the above number, and that special works should be specially provided for.

18. The next thing to be considered is

is the distribution of the Establishment ⁱⁿ or of the smaller establishments at present in the District.

19. I am strongly of opinion that the proposals made in my letter printed with G.O. dated the 6th January 1895. No 19 and the reconsideration of which I now earnestly urge on the attention of Government, is the best and the most judicious arrangements that can possibly be adopted. I have consulted the Range Officers, some members of the Revenue Department, and others who are interested in the works of the District, and all agree with me, in saying that the arrangements I propose would be a vast improvement on the arrangements now in force.

20. The objections to the present arrangements are.

1. That Nos 3, 4 and 5 Ranges are

- are each comprised of portions of different Revenue Divisions.
- 2nd That they extend across the Delta and give each Range Officer short sections of numerous different rivers and
- 3rd That we have not competent Officers, for the charge of 5 distinct Ranges.

21. The proposed arrangements would make each Range Co-terminous with the Revenue Divisions. (N^o II Range would embrace two of the small Revenue Divisions.) It would give each Range Officer a longer reach of a fewer number of Rivers, and a better Command of the distribution of water, and there is a possibility that the District will seldom or never be without at least 2 Officers competent to take charge of Ranges.

22. These Ranges should be all 1st Class Ranges and be divided into Sub Divisions of Taluqs. The Head Quarters.

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Quarters Sub Divisions (except in the case of Bangalore itself) to be immediately under the Range Officer, while the 2 Sub Divisions of Bangalore and the 2 Sub Divisions of each of the other Ranges to be under a Sub Division Officer in each case.

23. The following Table shows the distribution of the Ranges as they now stand and as proposed. —

No. of Ranges	Taluq	Revenue Divisions	Area	Revenue	Officer Establishment
I.	Bangalore	Deputy Col.	635	556,120	Range — 171 3210 Sub D ^o — 39
II.	Combawum	Sub Col.	341	759,818	Range — 136 126
III.	Mayavaram	Sub Col.	976	557,031	Range — 171 3210 Sub D ^o — 39
	Sheally	Sub Col.	276	268,621	
	Munnicham	Sub Col.	294	716,388	
			740	1542,040	
IV.	Nagapattinam	Sub Col.	212	273,198	Range — 136
	Trichopoly	Sub Col.	536	311,495	
			748	584,693	
V.	Memmaray	Sub Col.	300	392,659	Range — 136 " 828.
	Pallacott	Sub Col.	945	183,655	
			1245	576,317	Proposed.

Proposed Arrangement.

No. of Rangos. Value. Revenue. Area. Revenue. Office Establishments.

I. Varjoor - Deputy Col. 635 556,130
 Pultacottah - D. 945 1,83,658
 1580 7,39,788
 Range 171
 Sub D. 78 } 249

II. Combacorum - Sub Col. 341 439,818
 Majavaram - D. 246 55,703
 Pally - D. 170 26,862
 789 15,85,470
 Range 171
 Sub D. 39 } 210

III. Nimmilum - Sub Col. 294 416,388
 Negapattam - D. 242 39,319
 536 11,09,586
 Range 171
 Sub D. 39 } 210

IV. Nunnargoody - Deputy Col. 3300 392,659
 Chitrapomdy - D. 536 311,495
 836 7,04,154
 Range 171
 Sub D. 27 } 210

24. The proposed arrangement will increase the cost of Office Establishments by Rs. 51 per month, but it is probable that as the Controller of Public

Public Works accounts will have a Range less to deal with, he may be able to reduce his Establishment by a similar amount.

25. There is nothing in the papers printed in the C. R. No. 1586 dated 12 July and 1824 of the 2d August 1842, against the arrangement now proposed, and which I am given to understand was contemplated by Messrs. Maad, Maad and Montgomery, when these Officers were in Charge of the District. The question discussed in these papers had reference to the supposed necessity of keeping the boundaries of Rangos within the limits of a Local Board Circle, but experience had shown that this is a matter of no importance whatever.

26. The only account forwarded by Range Officers to Local Boards

Records

Boards is an extract from their monthly Progress Report, and it will not cause any inconvenience and but very trifling additional labor to send 2 Contracts instead of one as should be done in the case of Nos II and IV of the proposed Ranges. He has been suggested moreover to have but one Local Fund Circle in this District, the suggestion has for the present fallen through, but there is every prospect of its being revived and carried through at some future time.

27. It will be observed that Vaynor and Puthocottah form a comparatively large Range but with 2 Sub-Division Officers, the Range can be easily and well managed. There are but very few Rivers in the Vaynor Taluk, and it is where the rivers are dry

dry, and where the Range Officers presence is not much required, in Vaynor, that he will be required in the Puthocottah Taluk, in reference to the numerous Tanks in that Taluk which have never been attended to by this Department.

28. The proposed N. III Range is on the other hand comparatively small in regard to area, but there is constantly something going on in connection with the Port of Negapatam and the Coast Canal, which makes it always an important Range. Though a portion of the Canal runs along the shore of the Ennapomdy Taluk, the Canal would still for obvious reasons belong to the Negapatam Range.

29. In Conclusion I trust that

that Government will be pleased to
consider this report favorably. It is
the result of careful deliberation and
enquiry, and I am perfectly satisfied
that if the proposals, which I have
now the honor to submit are sanctioned,
there will accrue great advantage to this
District.

I have the honor to be

Yours Most Obedient Servant

Richd. Roberts Lieut. Col. R.

Superintending Engineer
Bengalore

these Commissions will be pleased to

GO 14th June 75
No 13-40
2-32
6 June 75 36-37

O. H. 1875 Dept
From No 3095.

The Superintendent
Tanjore
to the Secretary to
Court.

No 580

Dated 6 May 75
No. 107

Submits for the
favorable consideration
of Court. Certain proposals
for reducing the number
of ranges in the Tanjore
District from 5-54-

GO-14th June 75
1579

2-321
Cis 4/6/75
O.L. Sent 27

GO-14th June 75
1579 29W W

Memorandum.

The staff of the
Tanjore District is extremely
weak and its strengthening
is urgently needed. It has
lost recently

Lieut. Greenaway who has gone to Burma
Mr W. B. Leggett - do - to North Arcot
as Acting M. R. S.
Colonel Roberts - do - to England.

and the only addition to the
Executive staff has been
that obtained by Lieut.
Rowilly, before employed
on the Coleroon investigations
taking charge of a Range.

In August 1872
on the recommendation of
Major Oakes the 6 Ranges
of

of the District were reduced to 5 by adding No 6 to No 3, and this was certainly a move in the right direction. In L. O. No 19 of the 6th January 1875 a proposal of Colonel Roberts to reduce the number of the Rangos to 4 was negatived.

The undersigned believes that looking to the present state of the Engineering Establishment of the Department it is necessary to reduce the number of Rangos, but he differs from Colonel Roberts as to the way in which this should be done. Colonel Roberts recommends the redistribution of the Executive Rangos as follows:

No. 1.

No. 1. *Neerai Rangos.*
Talug.
Tanjore.

No. 2. *Combaran.*

No. 3. *Mayavaram.*
Sheathy.
Mumtilum.

No. 4. *Nezapatam.*
Titrapondy.

No. 5. *Manargudy.*
Puttucottah.

Proposed.
Talug.

Tanjore.
Puttucottah.

Combaran.
Mayavaram.
Sheathy.

Mumtilum.
Nezapatam.

Manargudy.
Titrapondy.

These proposals it will be seen involve the alteration of every Rangos in the District, and this could hardly fail to create difficulties which had better be avoided. The

31st

41st

The simplest plan will be to make the present Nos 1 and 2 Ranges into One Range, and to leave the rest as they are

No 1 or the Tanjore Range should have 2 Subdivisions
 No 2 or Mayavaram do do 2 do
 No 3 or Negapatam do do 1 do
 No 4 or Mannargudy do do 1 do

There should it is thought be never less than 3 Officers of the Engineer grade for the charge of Ranges, and until a fourth can be provided for Mannargudy, that greatly neglected part of the District will never receive the attention it requires.

Either Lieut. Colonel Oakes or Major Mead will be available, the latter in August, the former towards the end of September, for the charge of the District, and

and then with the reductions in the number of Ranges the District may be fairly well officered. The last list of Establishments shows only 3 Supervisors, and this number of superior subordinates is altogether inadequate. Lieut. Col. Roberts asks for 2 Subengineers in addition and the demand is moderate, indeed it is not clear how the Ranges can be properly worked without an additional Supervisor for as above stated there should be 6 Subdivisions. As regards Office Establishments the effect of the suggested changes will be

$$\begin{array}{r} \text{Present } 2 \times 171 = 342 \\ 3 \times 136 = 408 \\ 2 \times 39 = 78 \\ \hline 828 \end{array}$$

$$\begin{array}{r} \text{Revised } 2 \times 171 = 342 \\ 2 \times 136 = 272 \\ 6 \times 39 = 234 \\ \hline 848 \end{array}$$

The undersigned is very
 unwilling to recommend
 any change in Colonel
 Walker's absence, because
 it is extremely difficult
 to provide for carrying on
 the work of the Department,
 and alterations of arrange-
 ments in particular Dis-
 tricts will not make it
 the easier. However Tanjore
 cannot be left as it is,
 and it is considered that
 by reducing the Ranges
 and sending the District
 Engineer some subordinate
 assistance the changes
 will be reduced to a
 minimum.

In Madras, Mr.
 Paynter has just become
 available for the Madras
 Range and Sub Engineer
 H. Muneappah Pillai,

* Colonel Walker's pencil
 note in the letter No 538
 of the 4th May from the Lt.
 Insp. Tanjore, has not been
 overlooked but the arrange-
 ments above suggested appear
 to be the best that can be
 made.

35W
 whom Col. Roberts wished
 to have, may be spared for
 Tanjore, and on Captain
 J. Graham rejoining the
 South Arcot District from
 leave, Mr. Supervisor Baker
 can be posted to Tanjore.

Volundulins Lt. Col. R.R.
 Offg. Secretary to Govt.
 P.M. D.

3095

L. M. R.

Public Works Dept.
(Ootacamund, 11 June 1875.)
37WNotification.

The following transfers are ordered:-

1. M. Munnacappah Pillai, Subengineer,
3rd grade, from the Madurai to the Tanjore
District. To join at once.2. Mr. W. Baker, Supervisor, 1st grade, from
the South Arcot to the Madurai District, on
relief by Graham and Deputy Commissary
Graham.

To join at the public expense.

W. 11/6

R. H. D.

41W

41W

Erratum

39W

In deference to notification published
in Fort Saint George Gazette dated 15th June
1875

For W. W. Baker Supervisor 1st Grade
from the South Street to the Modura District

Read: W. W. Baker Supervisor 1st
Grade from the South Street to the Tanjore
District

W. 18/6

Deputation
15 June 75

P. H. D.

41W

Proceedings of the Madras Government.

Read the following:-

from the Superint. Tanjore (H. No. 580 of 6 May 1875)

G.O. no 1179 of 14th June 75

The Honorable the Governor in Council observes that by recent changes, whereby the Officers as per margin have been removed from the Tanjore District; while none have as yet been posted to take their place, the Executive Staff has been rendered so weak as urgently to demand strengthening, and as under existing circumstances it is not practicable properly to officer the 5 Ranges the alternative of reducing their number must be adopted. His Excellency in Council however, considers that instead of adopting Colonel Roberts' proposals which

Col. Roberts.
Mr. W. B. Leggett.
Lieut. Greenaway.

Decided
22nd Aug 75

involve important alterations in all the Ranges, it will be better to amalgamate the Tanjore and Combaconum Ranges leaving the other 3 as they are at present.

2. The Ranges will then become as follows:

	Talugs.	Area	Square Miles
Tanjore Range -	Tanjore -	635	
	Combaconum	<u>341</u>	976

with 2 Sub divisions

Mayavaram Range -	Mayavaram	276	
	Sheally	170	
	Marikulam	<u>294</u>	740

With 2 Sub divisions

Nezapattam Range -	Nezapattam	242	
	Tirapundy	<u>536</u>	778

with 1 Sub division.

Manargudy Range -	Manargudy	300	
	Puttoocottah	<u>945</u>	1245

with 1 Sub division.

and the effect of these alterations as regards cost of R establishments will be

Tanjore Range	171
2 Sub divisions at 39	78
Mayavaram Range	171
2 Sub divisions at 39	78
Nezapattam Range	136
1 Sub division	39
Manargudy Range	136
1 Sub division	39
Total	848

Present Establishment

2 Ranges at 171	= 342
3 do at 136	= 408
2 Subdivisions at 39	= 78
	<u>828</u>

Increase 20

which will be met from Savings.

3. Until the return from lease of either Major Mead or Lt Col. Oakes, the Acting District Engineer will retain

charge of his own Range,
Negapatam, to which a
subdivision has now been
given - Sub Engineer Mumm-
appa Pillai will be trans-
ferred from Madurai to
Tanjore at once, and
Mr. Supervisor Baker will
be posted to Tanjore on
relief by Captain F. Graham
in the Tiruvannam Range
of the South Arcot District.
Another Supervisor for the
charge of the 6th Sub division
will be made available
as soon as possible.

by 4/6/75

K 321-322

R. A. S.

To Atty. Tanjore ✓
" Madurai ✓
" South Arcot ✓
Chief Engr. for District ✓
Cont. Mr. Atty. ✓
Revenue Dept. ✓
S C O. 23. 6. 75

30

Mr. H. H. H.

Patent

Page 3

Recd.

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NOV. 321-322.

Center of Ranges in the
District. Passing
ers on the proposal
the Superintendent
agreed to reduce the
from 10 to 5.