Archives I—10,006—16-8 77.

27/11

(1) Number of pages 104

(2) Date of repair 13.11.86.

(3) Initials of the Referencer Cason

AMIL NADU ARCHIVES

VERNMENT OF TAMIL NADU

PUBLIC WORKS **DEPARTMENT**

~~G.O. No.~~ 2435.W.
~~B.P. No.~~

Press.
~~Mis.~~

Dated 25-9-1879. ~~19~~.

25

be folded or roughly handled

2/1/26 B III ✓
8/12/28 II

Govt. of (1879) [illegible]

PUBLIC WORKS

To

Dated

Issued

Recd.

G.O. 25 Septr

Nos. 63

Reductions in the Circle P.W. Dept. regarding the —

Inst. Genl. of Police
[illegible] Jails
Post Master Genl.
Supdt. Govt. Telegraphs
Madras

Desptd.
28-10-79

Supdg. Engrs 5 [illegible] Circles
Chief Engr. for Irrigation
Examiner P.W.A.
Financial Secy.
Rev. Dept.
Military Dept.

Desptd.
17-10-79

Engineer will submit definite proposals for the strength and distribution of the upper subordinate establishment of his Circle, but the total strength of this establishment will not exceed 11 Sub Engineers and Supervisors (together) and 29 Overseers.

10. The Government desire to get rid as soon as possible of the permanent petty establishment, and every endeavour should be made to induce its members to retire, but they are not at present prepared to order the dismissal of any individual; no new appointments are to be made to this establishment.

L 18.9

selection being briefly stated in each case, but action in the matter need not be deferred until the orders of Government are received.

In separate orders instructions have been given regarding the transfer to "the Agency" of the charge of Local Fund works.

Rules will be framed hereafter regarding the charge of Irrigation works; for the present these must be dealt with by the P.W. Dept.

7. From and after the 31st December next, the execution of ordinary repairs to Civil buildings of all classes limited to 1000 Rs. in each case in all Districts will be entrusted to the Departments concerned, the balance of the budget grants for the year being placed at the disposal of the local heads of Departments, and in future years these repairs will be provided for in the civil budgets, and not in those of the P.W. Dept.

8. Improvements, new works and special repairs will, as a rule, be carried out by the P.W. Dept.

9. The Superintending

all incompetent men should be at once given one month's warning of the intention of Govt. to dispense with their services.

All men not included in either of the above classes, but for whom room cannot be found in the new permanent establishment should be warned that Govt. reserve to themselves the right of dispensing with their services without further notice, on such terms as may hereafter be decided on.

5. The men thus warned for discharge should be by preference those who have been but a short time in the service and who have no claim to pension, but competence and good conduct must in all cases be taken into consideration.

6. The Supdg. Engineer will submit for the consideration and final orders of Government a list showing the numbers of the Office establishment to be

(a) permanently retained
(b) warned for immediate discharge
(c) warned for discharge at the pleasure of Government.

his reasons for the

will be dealt with in accordance with the instructions issued at the time of the re-organization of the Department under the terms of G.O. No. 3674 W of 18th September 1878.

3. The new Madura Division will have an Office establishment of the 2nd Class, and the Superintending Engineer will take immediate steps for reducing the cost of the Office establishments of his Circle to the amount allowable for the Divisions which it includes, on the scale fixed by the order quoted above.

4. It is not desired that the number of individuals should be reduced, or their pay raised, to correspond with the above scale, but merely that the total cost of the establishments is to correspond with it. It will be left to the Superintending Engineer to select the individuals whose services are to be permanently retained under the new arrangements, but he will be guided in his selection by the following principles:-

1st All men over 55 years of age and 2nd

No. 2435 W. P. W. Department

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 25th Septr. 1879.

READ the following

From

The Supdg. Engr. 5th Circle. (Lt. No. 1240 T J d/ 2nd Septr. 1879.)

The Supdg Engineer 5th Circle will take immediate steps for the amalgamation of the Madura and Dindigul Divisions, the amalgamated Division, the head quarters of which will be at Madura, being placed under the charge of Mr. Hutchings pending the appointment of a permanent incumbent.

2. The accounts of the amalgamated Divisions

See Cl 2. Sec. 57. Civil Pension Code. If less than 3 mos: notice is given gratuity = Emolum.ts is provided from addl. & pension but can't be claimed.

-ally & picking references. For all of these duties men on Rs 20 to Rs 30 can be obtained. Unless these duties are punctually performed, work cannot go on.

11. I do not understand from your memo under reply that I am called on to submit detailed proposals either for my own Office, or for the future Establishment of Upper & Lower Subordinates for each Division.

12. No instructions with regard to the future numbers & reconstitution of the Lower Subordinate Establishment have yet reached me.

13. On the reorganisation in October last, no members of the Petty & Office Establishment in excess of the scale then sanctioned were dismissed; para 28 of G.O. No 3674 W of the 18th September 1878, directed that there should be no immediate reductions. Is it intended that these excess hands shall be at once dismissed? Kindly instruct me on this point.

14. Please also inform me whether the Scale of pensions laid down in the Resolution of the Govt of India, published in the Fort St George Gazette of the 19th August is applicable to Clerks and Accountants, as well as members of the Executive branch.

I have the honor to be
Sir
Your most obedt Servt
J. W. Rundall
Ag Supg Engr
5 Circle.

This matter was reported in my No. 1147 dated 14th January/79.

10. With regard to para 12, I have the honor to state, that I think Uncovenanted Assistants might take the place of the present Engineer Assistants. If the Engineer Assistants had first of all, at least 2 years practical work, and if these Officers were likely to remain as Office Assistants for any length of time, they would be of more use. Whenever a new man comes into the Supg Engineer's Office, he would practically be of little use for some time; whereas a permanent Uncovenanted Assistant, would not, it is to be hoped be frequently changed. Moreover, if as is suggested by you, Officers for this post could be selected from among those whose services are to be dispensed with in the Executive branch, having technica knowledge & experience, the arrangement would probabl be found better than the present one. The Exec. Engineer at Head Quarters, would whe present, often be able to give an Uncovenanted Assistant, advice in urgent matters, during the Supg Engineers absenc With regard to technical Cle it would doubtless be an advantage to have one or more men in the Supg Engineers Office who had passed thro' the Civil Engineering College, or who had gained some practical experience. The weakness of the sanctioned Scale of Office Establishment is in the lower grades. There are not enough clerks for registering, copying, keeping the records systematics

pairs to buildings, (other than Military) be carried out by the Officers using them. The aid of the Exec Engr or his establishment being called for, only when the Officer concerned thought that professional advice or superintendence was needed. It would probably be advisable, as a check on rates, for Estimates to be countersigned by the Exec Engr. In order to relieve the Supg Engrs Office, the funds for these repairs should be placed directly under the control of the District Head of Each Department.

9. I feel it would be an enormous advantage for Supg Engineers to have less Office work, but do not see in what way it is to be lightened, as long as a Superintending Engineer is in correspondence with Officers of all Departments in 4 or more Districts, and with 6 or 7 Exec Engineers. The introduction of a complete Code, more perfect acquaintance with its provisions, and the use of Standard specifications will probably help to reduce work. My own time, since I have been in this Circle, has been principally occupied with routine work, & I have found myself quite unable to take up one or two subjects, very important in themselves, but requiring continuous attention. The scale of Establishment sanctioned for Supg Engineers Offices is utterly inadequate. No Accountants are given to keep the appropriation Registers, there was formerly an Accountant in Each District Engineers Office)

Govt would gain by handing these over at reduced assessments to the ryots. On this point I think the Revenue Officers are also agreed. As regards Buildings, I would suggest that all ordinary repairs be carried out by the Officers of the Department, who uses and has charge of the Building. As regards new buildings, Govt will be able when sanctioning them to determine whether they should be constructed by the local Officers, or whether any particular building should be carried out under professional superintendence, in which case the Exec Engr would have to detach a Subordinate, & occasionally inspect the work himself.

7. With regard to your para 7, I have already submitted, a list of the Upper Subordinates in this Circle, whose services should be dispensed with, in order to effect the required reductions. As regards Office Establishment, under the orders conveyed in your Memo under reply, if the new Madura Division is placed in the 3rd Class, there will be a 3rd Class Establishment to dispense with.

8. With regard to para 10, I beg to state, that with a view to lessening the work of the reduced establishments as much as possible & enabling all hands to devote more time to the more important of their professional duties, in the improvement & efficient maintenance of irrigation works, I would suggest that ordinary re

manner directed. Fortunately it is easy to eliminate certain portions of the Madura District. I would therefore propose to give up charge of all work in the Mélur Táluk, and in the Zemindaris of Shivaganga and Ramnad. In Mélur the irrigation works, tho' numerous are relatively unimportant.

3 This would leave a large but manageable Division, comprising the Madura Tirumangalam, Periakulam Dindigul and Pulney Táluks with an area of about 5,600 square miles, & containing all the more important irrigation works of the District.

4 At present the Madura & Dindigul Divisions are both 3rd Class. I request the favor of instructions as to the Class in which the new Madura Dn is to be placed.

5. The most important line of Road, in that portion of the Madura District, which I have proposed to give up, is that from Madura to Ramnád. I do not however see any special reason for retaining charge of this. The works at Paumben have already been handed over to the Marine Department.

6. As regards the future execution of works, within those tracts to be withdrawn from the operations of the Department, Roads, will I conclude be managed by the Local Fund Boards who will provide their own special staff. There are but few Govt irrigation works situated in the Zemindaris, & for these no special provision is required. In the Mélur Táluk there are innumerable small tanks, and

to be amalgamated
and I should wish
~~to~~ embody this in
~~the order~~ – my own
~~opinion~~ from all I can
~~ascertain of the work~~
going on is ~~that they~~
might be amalgamated
~~without much detriment~~

~~Ott~~

Office of the Supdg Engr
5th Circle

No 1240.T.T. Palamcottah 2nd Sept
1879.

From
J. W. Rundall Esqre
Acting Supdg Engr
5 Circle.
To
Colonel R H Sankey R.E.
Chief Engineer
P.W.D.

Sir,

1. I beg to acknowledge the receipt of your Memo No 2832 of the 27 Ulto indicating the method in which works is to be cut down, to suit the reduced scale of Departmental Establishment ordered by the Govt of India.

2. In this Circle, no Division being abolished, & 2 only, viz Dindigul & Madura being amalgamated, it is in the Madura District alone, that the operations of the Department will have to be restricted in the

note, &c. are drawn up by
yourself for orders, on receipt
of which Draft G.O.
can be drafted embodying
the decisions that have
been arrived at, so far
as concerns the fifth
circle –

DW

Secy 40

Mr W Huddleston

His Grace the Governor

For approval

1135 W

The accompanying draft G.O.s are based on the reports of the Supdg Engineers in reply to my C E circular committee sent up & the general terms of the order now issued to the SE of the 5th Circle have been decided on personally by His Grace the Governor

I have made one or two pencil emendations in the order

No definite instructions have as yet been received as to whether the present Salem and Tinnevelly divisions are

Seen

23/5/79

general rule, that except in certain rare and exceptional cases all the roads in one circle should be under the same management –

I would therefore propose the abandonment of all roads in the Madras Circle, and that notice× be given to the President L. F. Board that from the 31st December next this Department will no longer undertake the management of Local Fund Works in the Madras Circle –

Sir [illegible] recommends that repairs to buildings should be executed by the Departments which occupy them, and I cannot too strongly support this view – This is a reform

× see previous remark

apart, ~~the entire~~ particular works –

I would ×suggest that all men of this class over 20 years service be at once discharged; the others can be retained until they reach that stage, and no new appointments should be made –

With regard to Para 14 the S. of S. have notified that the resolution ~~refers~~ in question refers to accountants but not to clerks; × we have asked what terms are to be granted to the latter –

The ~~cases~~ measures now to be adopted will have to be carried into effect by an order of Government, and it would perhaps be as well to submit this

× I am not prepared to express a decided opinion about this though of course none of the excess hands admitted to by the SE should be retained a moment longer than they are actually wanted

× which I hope soon be disposed of

works for all Districts alike—

The reply of S.E. 5 to your Memorandum No 2832 of 27th August is enclosed—

Mr Rundall writes that the only Divisions affected in his Circle are Madura and Dindigul, and he proposes to give up all work in the Ramnad and Shivaganga Zemindaries, and also in the Permanent taluqs in Meylaur—

His proposals generally appear sound, but I think it would be undesirable to give up at once all the irrigation works in the Meyloor taluq, and I would

retain charge of all which irrigate an area § exceeding one hundred acres— Upon this point of course C.E.'s Opinion must be asked—

Mr Rundall apparently proposes to retain the charge of the roads in the portion* of the District not abandoned, but this ⊗ I think would be unfair to the L.F. Board of the Madura Circle who would find themselves placed in charge of a portion only of their roads, and the saving in P.W. supervision thus attained would not enable them to employ competent supervision on their own account; it may be stated as a

§ Will be referred for the Opinion of the C.E.

I am [illegible] them and [illegible] result

* The Madura taluq only of the Madura Circle, and the whole of the Dindigul Circle—

⊗ The best way of deciding this point will be for the Supert Engineer to place himself at once in Communication with the Prest of the L.F. Board. It would be best to accept the arrangt which in regard to this and other points they are mutually of opinion would be the most suitable. We have not sufficient means of judging the bearing of all the local circumstances, the character of the subordinates available &c.

Roads & Buildings

[illegible]-79

From No. [illegible]
The Supg Engineer
5th Circle

To
The Chief Engineer
P. W. D
Madras

No. 1093. S.J.
Dated 15th August /79

G. O. No. 2435 of 25-9-79

Enclo. 8

Local Fund Works

Forwarding lists of ——— which are to be retained in charge of P. W. D.

23/8

OF 187

GOVT. OF MADRAS. } 187 . { P. W. DEPT.

SECRETARY.

Fort St. George, 13th Sept 1879.

OFFICE NOTE

No. W

In considering the measures to be taken for transferring to other agency the works for the execution of which our reduced establishments will be insufficient, it seems desirable to take the various Circles separately, and to take into consideration the special circumstances of each, rather than to attempt to lay down general works. Unless the P. W. D. are so reduced in strength that it cannot look after them, in which case of course the Local Fund Board will have to keep a qualified professional staff. I would suggest that new works & special repairs be entrusted to the P. W. Department.

5 There is no grant to Local from Provincial Funds in this Circle. One Road alone, the Gudalur Ghaut, is maintained from Provincial Funds. ~~Item No.~~ Part II Page 19 & 20 of current years Budget.

I have the honor to be

Sir

your most obdt servt

J. W. Rundall

Ag: Supt: Engineer

the executive arrange-
ments have * just with
working rules -

* agreed

With regard to Paras
11 and 12, the S.E. should
submit detailed proposals
for the subordinate estab-
lishments of his Circle,
the total limit of each
class being stated for his
information; a note has
already been sent up
asking for instructions on
this point -

& yes will be divided in

With regard to Para 13
I am decidedly of opinion
that petty establishments
should be given up altogether;
the class of men who
form these establishments
ought not to be permanently
employed at all, but should
be engaged for, and charged

No. R93 [illegible]

34

Sattur, Tinnevelly Dist.
1st August /79
Recd 20th

From,
J. W. Rundall Esquire,
Actg Supt Engineer,

To,
Coll. R. H. Sankey R.E.
Chief Engineer P.W.D.

Roads & Buildings

Sir,

As desired in your Memo No 2,428 of the 1st July, I have the honor to forward herewith lists of works in progress under Local which it is considered advisable to retain in the charge of the P.W.D. and complete.

Enclo - 8 -
6. Lists.
1. Report from Negapatam &c
1. Remarks on the lists
8

2- As regards maintenance, I think the charge of all completed Roads should be handed over to the Circle Boards, with the exception of those which run on River Embankments, as many Roads do in Tanjore; which embankments will of course remain in charge of the Irrigation Department.

3- I think also the important Bridges over the Coleroon, Cauvery &c entered by me in the remarks on the Executive Engineers' lists, should remain in our charge. There are no important Local Fund Buildings which it would be desirable to retain -

4- Nothing is said in your Memo

From 1815/79 8/7
The Executive Engineer
Tanjore Division
To
The Supdg Engineer
5th Circle
P.W.-2d 2/8/79 No 2535-W

Dated 16th } July 1879
Recd 18 }

Negapatam Circle

Statement showing the Local Fund work which it is considered desirable to maintain in charge of the Public Works Department

G. O. No 2435 day 25-7-79

✕ For years past this has been the regular practice in Mysore. — Where the funds are found from the P.W. Budget the Civil Officers are treated as P.W. disbursers and render their accounts to the Examiner, but where for all classes of petty work, temple buildings &c, under 1000 Rs for each, the funds are provided in the Civil Budget and the Examiner has nothing to say to the accounts. — The Check to be exercised by the Dept. Officers on all works so executed is of two kinds

1st wherever additions or improvements to any existing permanent building are proposed whether from our own or the Civil Budget the design should be countersigned by the E.E. or S.E.

2d It is now laid on the E.Es by the new Code to inspect & report on the condition of all Public Buildings in their respective divisions on their tours of inspection irrespective of whether such buildings are directly under their charge or not

which should be carried out in the Revenue Districts ✕ but in every other. — The maintenance grants should be handed over to the heads of departments concerned, and we should wash our hands of these entirely; the officers occupying the buildings may be trusted to spend these grants to the best advantage —

I have already suggested that the new Madura Division should be of the 2nd Class —

It seems undesirable to consider the internal arrangements of the Superintending Engineers Office at present; this had better be left till

Tanjore Division — Negapatam Circle

Statement showing the Local Fund works which it is considered desirable to maintain in charge of the Pub. W. Depart

…tion No.	Name of work	Length of Road			Estimate or Allotment	No. and Date of Sanction	Allotment	Expenditure up to 30th June 1879	Remarks
		Metalled	Unmetalled	Total					
1	2	3	4	5	6	7	8	9	10

divisions on their tours of inspection irrespective of whether such buildings are directly under their Charge or not

arrangements of the Superintending Engineers office at present; this had better be left till

7	Road No. 13 from Combaconum to Karikal @ Rs 50 per mile	Mayavaram Nunnilum	" "	Miles 4½ 9½	14	700	Budget of 1879-80	700	51	6	7	Runs over left bank of Naut Voikal
8	Do. No. 17 from Kodavasal to Kudachery Nunnilum at Rs 350 per mile		7	"	7	2450	Do.	2450	"	"	"	Gravelled Railway Feede
9	Do. No. 70 along the South bank of Colleroon from Lower Anicat to Anaikaram Chutrum @ Rs 50 per mile	Mayavaram Shealy	" "	10 11	21	1050	Do.	1050	57	8	-	Runs over right bank of Coleroon.
10	Do. No. 79 along Arsalaur south bank Nunnilum @ Rs 50 per mile		"	12½	12½	620	Do.	620	74	4	-	Runs over right bank of Arsalaur -

Tanjore Do. Office
16th July 1879

P. Venkatrama
Acct.
16.7.79

R. Wellsickmay
Captn. R.E.
Executive Engineer Tanjore Dn.

Local Funds.
Original works
Communications

Road No. 63 from Lawany to Kallimodu	9	8,880	G.O.F.D. No. 1859 / 20-11-78	10,000	Est. revised & reduced to Rs 8,800/- Runs along Adaltar River.
Road No. 67 from Karoongunny to Colapaud	7	22,335	Do. No. 1809 / 9-10-78	10,000	New Road just commenced.

Maintenance Grant.

Road No. 51 from Mullyar's Head to Shalaynoyer	22½	1,125	Runs along Harischendranadi River.
7 miles of Road No. 15, north section from Needamangalum Railway Station to Munnargudy	7	2,300	Runs along left bank of Pámaniár
Road No. 58 on the left bank of Vennar	5	300	On bank of Vennár.

J. W. Rugdall

10	Const.g 3 Culverts in the 3d 4th and 9th Miles of road No. 28	"	"	"	720	26/78-9	"	"	"	
	Repairs **Civil Buildings**									
1	Rep.g the Travellers Bungalow and Out houses at Tranquebar	"	"	"	263	14/77-8	"	143	14 7	
2	Supporting by a masonry Pillar the beam that has given way in the southern bath Room in the Travellers Bungalow at Tranquebar	"	"	"	9	1/79-80	"	"	"	
	Communications									
3	Rep.g Cale apron & Colleum bridge at Annikaran Chutrum	"	"	"	1120	16/78-9	"	"	"	
4	Do tunnels on Road No. 46 from Magore & Kungalanjeny	"	"	"	300	22/78-9	"	"		
5	Const.g a Surplus Sluice proposed to be built on Road No. 48 in the limits of Punjale village and raising the above road for a distance of 300 yards	"	"		460	30/78-9	"	"	"	
	Maintenance Grant									
6	Road No. 12 from Auvoothorai to Tranquebar Mayavaram Taluq at Rs. 75 per mile	23	23	1720	Budget of 1879-80	1720	75	11	3	Runs over right bank of Veerasholanar

Local Funds

Original Works

Civil Buildings

1	Constg a retaining wall at south west Corner of the new Hospital wards at Sheally	"	"	"	70	10 78-9	"	- -	Minor work.
	Communications								
2	Forming Road from Sembanarcoil on road No 31 to Nulladai	"	"	"	40200	46 76-7	4128	25655 1 7	
3	Extending Road No 70 along the Colleroon South bank				24700	R.B.R. 293			Estimate not Sanction
	Deduct amount to be charged to Imperial Funds				5000 19700	97 8-2-75	"	3 109	
4	Constg Bridge across Manekaranayaur	"	"	"	4350	32 1460 22-2-75	"	3527 5 -	Accounts not closed owing to wilful behaviour of Contractor who refuses to accept payment as adjusted by the Dep
5	Constg Moodeconedanaur bridge at Namelum	"	"	"	7250	40-103 17-1-76	"	6286 6 2	
6	Constg a Culvert over Sunnamungalum Channel across road No 30 in 2d Mile	"	"	"	230	12 78-9			
7	Do Do over Do across Do in Do	"	"	"	220	13 78-9	"	—	
8	Forming Road from Sangalepurum to Road No 14 along the right bank of Manalaur including masonry works	"	"	"	5112	23 78-9	5112	" —	
9	Constg a new Road from the Railway Station at Aunikaren Chatrum including masonry works		—	"	4400	27 78-9	4400	—	

P.W.D.
25‥79
No. 1157

List of Local Fund
works in Tinnevelly
Division proposed
to be maintained in
Charge of the D. P. W.

G. O. 2992 of 1879

List of Local Fund works in Tinnevelly Division proposed to be maintained in charge of the Public Works Department.

Name of works	Amount of Estimate	Expenditure up to end of June 1879	Balance	Current years allotment	Remarks
Local					
Original works					
Civil Buildings					
Low Caste Chuttram at Tinnevelly Railway Station	3,000	"	3,000	"	
Communications					
Original works.					
Road No VIII from Tinnevelly to Rajapaleam — 13 mile	39,800	29433	10367	"	Length in Tinnevelly Dn 13 miles, total length of Road 44 miles.
Road Dam on Road No IV B for Thenkarai Tank Surplus	1660	954	706	"	
Constructing a Culvert and a Revetment wall on Road No VII from Callactacoorchi to Singampatty	355	"	355	"	
Rebuilding a Tunnel on the 5th Mile on Road from Amba:samudram to Veeravanalloor	136	"	136	"	
Repairs					
Road No IV Closing breaches	8450	3967	4483	"	
Road No V Palamcottah to Travancore Via Nanguneri	10,000	"	10,000	1500	
Do — Do Maintenance Shermadevi Circle	⊗ 4900	30	4870	4900	It is proposed to keep this Road under the D. P. W. until the estimate sanctioned for repairing it worked ou
— Do — Do Tinnevelly Circle	× 1260	113	1147	1260	——— Do ——— Do ———

× 7 Miles

⊗ 32 Do

Tinnevelly Dn office }
Palamcottah 21st July 1879 }

J. W. Russell
Ag. Supdg Engineer
15/8/79

Geo. W. Lewis
Executive Engineer
Tinnevelly Division

From. M 6151/79

The Executive Engineer
Tanjore Divisi

To,

The Superintending Engin
5th Circle

Dated 16th } July 1879
Recd

Tanjore Circle

Statement shewing the Local Fund works which it is Considered desirable to maintain in Charge of the Public Works Department

Tanjore Circle

Statement shewing the Local Fund works which it is considered desirable to maintain in charge of the Public Works Department

	Name of Works	Length of Road			Amount of Estimate or allotment	No and date of Sanction	Allotment for 1879-80.	Expenditure up to 30 June 1879	Remarks.
		Metalled	Unmetalled	Total					
1	2	3	4	5	6	7	8	9	10

12 Road Nº 39 from Salamangalum to Papanasam @ Rs 350 per mile Combaconum Taluq	4	--	4	1,400	Budget 1879-80	1400	435	...	Vide supra.
~~13 Dº Nº 52 from [illegible] along the South bank of [illegible] Coodamoorty [illegible] Tanjore Taluq~~		~~4~~	~~4~~	~~440~~		~~440~~			
14 Dº Nº 70 along Coleroon South bank from Lower Anicut to Anikarai = chuttrum @ Rs 60 per mile Combaconum Taluq	--	7	7	350	Dº	350	--	---	Runs along right bank of Coleroon.
15 Dº Nº 79 along the South bank of Arasalar @ Rs 40 per mile Combaconum Taluq	--	3 1/4	3 1/4	130	Dº	130	--	---	do. do Arsalaur.
16 Dº Nº 90 along the South bank of Vennaur from Road Nº 15 to Road Nº 38 @ Rs 60 per mile Combaconum Taluq	--	5 1/4	5 1/4	310	Dº	310	--	---	do. do. right bank of Vennaur.
17 Dº along the north bank of Vennaur east of Road Nº 4 to Woodayamangalum Village @ Rs 60 per mile ~~Combaconum~~ Tanjore Taluq	--	3 1/2	3 1/2	210	Dº	210	--	---	do. do. left bank of Vennaur.
18 Dº along the South bank of Thirumalrajan River to Connect Road Nº 14 with Road Nº 15 @ Rs 60 per mile Combaconum Taluq	--	3 1/8	3 1/8	190	Dº	190	--	---	do. do. right bank Tirumalrajanaur

Tanjore Dt office
16th July 1879

Venkatrama
Acctt
16.7.79

Captain R.E.
Executive Engineer Tanjore Dt

J. W. Rundall
Actg Supdt Engineer
15/8/79.

Local

Original Works

Communication

1	Widening North bank of Vennaur east of Road No 4 So as to form a Road	"	"	"	3,900	R.B.P. No 4360 dated 17 May 76 2?/76-7	--	3313	--	Runs along left bank of Vennaur.
2	Constructing a Bridge across Shullanaur on Road No 6 from Govindagudi to Tanjore	"	"	"	6,900	8/78-9	3900	1,000	..	
3	Forming a Road from Theppambalpuram to the Railway Station at Ammapettah through Ammapettah	"	3	3	65,000	--	--	--	-- ..	Estimate not yet sanctioned
4	Constructing a Culvert of 12 feet Span on the 16th Mile of Road No 1	"	"	"	1050	29/78-9	--	--	-- ..	Not to be proceeded with, although absolutely essential.
5	Forming a Road along the bank of Vettaur from Vettaur Bridge on Road No 39 to Iyempettah	"	"	"	10300	--	1000	--	-- ..	Estimate not yet sanctioned.

Repairs

Communication

Special Sanction

6	Rebuilding damaged portion of the 6th Culvert on the 4th Mile of Road No 3	"	"	"	260	4/78-9	--	80	8	11	
7	Repairing Road No 4 from Tanjore to South bank of Coleroon @ Rs 610 and 100 respectively Tanjore Taluq	4 3/4	2 3/4	7 1/2	3,170	Budget of 1879-80	3170	--	--	--	Important gravelled Railway Feeder.
8	Do No 12 from Audootheray to Tranquebar @ Rs 50 per Mile Combaconum Taluq	--	3 1/2	3 1/2	180	Do	180	--	--	..	Runs along right bank of Veerasholenaur
9	Do No 13 from Combaconum to Karical @ Rs 50 per Mile Combaconum Taluq	--	13	13	650	Do	650	--	--	--	do: do: left bank of Nant Voikal.
10	Do No 15 from Combaconum to Adrampatam via Mannargoody @ Rs 400 per Mile Combaconum Taluq	14	--	14	5,600	Do	5,600	1471	..	6	Important gravelled Railway feeder.
11	Do No 39 from Saliamangalum to Papanasam @ Rs 350 per Mile Tanjore Taluq	6	--	6	2,100	Do	2,100	800	--	..	do: do:

P.W.D.
23 7 79

From No. [illegible]

The Ag: Executive Engineer
Salem Division
[illegible]

To,

The Supd. Engineer
5th Circle, Trichinop

G.O. No 2435W of 1879

Dated 19th } July 187
Recd. 21st }

List of Roads &c. proposed
to be undertaken by Profession
al Department.

Miscellaneous Public Impt					
Repg. Travellers' Bungalow at Sivilpatty	185	"	185	"	No allotment
Do. & improving Hospital at Satur	850	"	850	"	Do.
Original — Civil Buildings					
Constructing a Chuttram at Maniachi	3,990	"	3,990	"	An allotment of Rs. 2000 has been given

19

Repairs — Civil Buildings					
Constructing cook shed, Latrine & repairing the Dispensary at Virdupatty	1,030	745		.	The work for this amount has been executed by Revenue authorities, & a revised Estimate for Rs. 1,315 has been forwarded to the L. F. Bd. with this Office letter No. 112/30-6-79

Satur Dn. Office
Sivilpatty 19th July
1879.

Ag. Executive Engineer
Satur Division

J. W. Rundall
Ag. Supd. Engineer
15/8/79.

Repg. damaged portion of Road No. XIII Courtallum to Radianallur	570	114	456		Incomplete works. Vide letter No. 118/30-6-79 to the Superintending Engineer
Closing breaches on Road No. VII Palamcottah to Travincore	2,320	1,401	919		
Do. on Road No. XV Tenkasi to Ambasamudrum	1,930	1,323	607		
Do. on Road No. II Palamcottah to Vypaur	2,540	√ 1,319	1,221	‥	√ An expenditure of Rs. 94 incurred in May 79. Vide Sup. Engr's Endt. No. 352 T.N/17-6-79
Do. on Road No. ~~XXVII~~ Vypaur to Satur	632	1	631		This Road now goes by the name of Road No. II
Do. Do. No. XXVII A [illegible]	5150	√ 1894	3256		√ An expenditure of Rs. 397 incurred in May & June 79. Vide this off. letter No. 118/30-6-79
Repg. bridge over Upparoday on Road No. I	535	‥	535	‥	Vide Sup. Engr's No. 351 T.N/17-6-79
Masonry works on Road No. XXIV	270	‥	270	‥	Do. Do.
Reconstructing a culvert on cross Road from Tenkasi to Ayerapery	230	‥	230	‥	No allotment
Repg. Road No. VII A completed portion damaged	250	‥	250	‥	Do.
Road No. XI Tenkasi to Radianallur	500	‥	500	‥	Do.
Repg. cross road from Alangolum to Nallur	380	‥	380	‥	Do.

Shattoomadoos on Road No. XI	635	613	22	"	Vide Supg. Engrs. Endt. No. 352 J.N of 17th June/79
Do. on Do. No. XXIV	1,510	564	946		Do.
Constructing a portion of Road No. II from Vadamathum tank bund to Kallar River	340	✓ 320	20		✓ An expenditure of Rs. 57 incurred in June/79 Vide letter No. $\frac{118}{30\text{-}6\text{-}79}$ to the Supg. Engineer
Road dam on Road between Kolathur & Pannicolum	282	"	282	"	Vide Supg. Engrs. Endt. No. 351 J.N of 7th June/79
Road No. VII A (Completing)	3,760	"	3,760	"	No allotment
Constructing a dam and culvert on Road No. VII A	250	"	250		Do
Road No. (XXVII A) II north of Kolathur	39,200		9,364		Do.
Special Repairs.					
Road No. XXIV	3,930	✓ 1,690	2,240	"	✓ An expenditure of Rs. 22 incurred in June/79 – Vide Supg. Engrs. Endt. No. $\frac{352\ J.N}{17\text{-}6\text{-}79}$
Do. No. VIII Tinnevelly to Rajapaliem via Sankarnainarcoil	800	288	512	.	Vide Supg. Engrs. Endt. No. $\frac{352\ J.N}{17\text{-}6\text{-}79}$
Do. from Road No. XII A to Road No. XIII via Kirmasacoil Silver Road	482	367	115	.	Incomplete works Vide letter No. $\frac{118}{30\text{-}6\text{-}79}$ to the Supg. Engineer
Repg. damaged portion of Road No. XII Tenkasi to Courtallum	390	334	56	.	

Statement of new roads to be returned by the P.W. Department - Vide D/ Chief Engineer's No 2428 dated —

P.W.D.
23 7 79
No.

G O No 2535 W of 1879

Enclo: in docket No: $\frac{1063}{15-7-79}$ from the Divisional officer Madura to the Superintending Engineer 5th circle - Trichinopoly. —

Tinnevelly District

Sattur Division

List of Roads &c to be undertaken by Professional Department As called for by the Sup. Engineer in No. 17C of 8th July 1879.

Name of Roads &c	Amount of Estimate	Expenditure up to the end of last official year	Balance to be expended	No. of miles to be constructed	Remarks
Original Works					
Communication					
Constructing Road from Ottapidaram to Railway Station at Melathattaparai 5 miles.	8,960	2,142	6,818	5	Estimate under revision, will probably be reduced by Rs. 2,000 —
Road No. VIII Tinnevelly to Rajapoliem via Sankernainarcoil 31 miles in Tinn Dt.	28,700	21,616	7,084	6	Vide Sup. Engr's Endt. No. 352 L.N. of 17th June 1879.

Statement of New roads &c to be returned by the P.W. Department – Vide Dy Chief Engineers' No 2428 dated ——

Madura Circle

		111969	39716 10 5	72252 5 7
Closing breaches on Road No 50 Mana Madura to Parthibanoor	GO 886 W / 25.3.79	9697	1289 8 7	8407 7 5
Do No 14 Tiruppuvanum to Poovandy	11 / 78.9	2050	622 - -	1428 - -
Do No 9 Tiruppatore to Vuttanum	GO 886 W / 25.3.79	12200	3645 14 9	8554 1 3
Do No 16 Sheragungalt to Shembanoor	2 / 79.80	470	431 15 2	38 - 10
Reconstructing a tunnel on road No 7 from Madura to Nuttoor	18 / 78.9	920 -	246 - -	674 - -
Do 1 vent tunnel on Road No 3 from Madura to CheckRunoorney	13 / 78.9	130	87 13 -	42 3 -
Closing breaches on Road No 4 Madura to Tirumungalum		~~1875~~	~~34 - -~~	~~1841 - -~~
Constructing tunnels on Road No 4 Madura to Do	Ro £7 13 / 133 / 1877	1153	- - -	1153 - -
Total Repairs		138589	46089 13 11	92549 2 1

Dindigul Circle

Dindigul Circle

Original

Constructing & Improving road No 5 from CheckRunoorney to Arsilumpatty	110 / 76.7	35000	32587 10 7	2412 5 5
Renetalling Road No 4 Tirumungalum to Travancore frontier	6 / 78.9	7650	- - -	7650 - -
Total Original		42650	32587 10 7	10062 5 5

Repairs

Repairing Roadway and reconstructing a tunnel of 2 vents and repairing road dam on Road No 47 from Tirumungalum to Streevillipottoor	5 / 78.9	4930	- - -	4930 - -
Total Repairs		4930	- - -	4930 - -

Madura Div Office
Madura 2
15-7-793

J. W. Rundall
Acg. Supt. Engineer
15/8/79.

W. H. Nobleat
Assistant Engineer

Madura Circle

		264629 12	170733 15 -	93895 13 -
Constructing Rough stone Causeway on the Vygay river at Melakall	37/76.7	10700	10262 9 11	437 6 1
Constructing Road to connect the village of Koothiagoondoo	41/76.7	700	655 13 7	44 2 5
Constructing a tunnel of 2 vents on Road from Madura to Nuttom	Rev. Bd. 4789 9-6-76	475	380 - -	45 - -
Total Original		276454 12	182032 6 6	94422 5 6
Repairs				
Communications				
Emergent repairs to a tunnel on road from Madura to Nuttom	L.F. Bd. 95/1077	115	83 12 6	31 3 6
Do for constructing revetment for road in Aranaepuram channel on Road No 4 from Madura to Tinnevelly	Bd. No 75 26-6-78	530	162 - -	368 - -
Closing breaches on road No 7a from Madura to Nagercoil	29/78.9	4600	2647 1 -	1952 15 -
Do No 8 Manalore to Poovandy	30/78.9	3050	2935 10 10	114 5 2
Do No 7 Madura to Nuttom	28/78.9	4762	2395 4 3	2366 11 9
Do No 5 Madura to Allinagarum	19/77.8	425	358 1 10	66 14 2
Do No 6 Do to Thathumputty	89/77.8	1840	565 - -	1275 - -
Do No 2 Madura to Tiroopoovanum	G.O. 886 W 25.3.79	5570	2940 8 6	2629 7 6
Do No 2 Tiroopoovanum to Ramnad	Do	39170	6182 2 9	32987 13 3
Do No 15 Tiroopatur to Mana Madura	32/78.9	3220	1627 9 9	1592 6 3
Do No 46 Tiroomungalum to Pullaputty	12/78.9	1210	541 2 5	668 13 7
Do No 8 Poovandy to Tondy via Sheraganagali	G.O. 886 W 25.3.79	6900	5175 12 9	1724 3 3
Do No 3 Madura to Sayelgoody	Do 3092 W 7.2.79	29500	9764 6 10	19735 9 2
Do on the 3rd, 4th, 7th, 8 & 9th Miles of Road No 7 Madura to Chittumputty	33/78.9	2600	974 - -	1626 - -
Do 1st, 7, 8 & 9th Miles of Road No 7 between Madura & Chittumputty	17/78.9	600	231 - -	369 - -
Do on road No 23 Hanaputty to Pundalagoody	10/79.80	6300	2386 9 -	3913 7 -
Do No 10 Ramnad to Devipatam	31/78.9	1577	746 8 -	830 8 -
		111969	39716 10 5	72252 5 7

Local Funds
Original Works
Civil Buildings
Madura Circle

Putting wire fencing around the Dispensary at Ramnad	Rev Bd? Pro. No 38/10.7.75	376	296 - -	80 - -
Erecting a verandah in front of Moothanen thel Chuttrum	Do 3378/17.9.76	627	78 - -	549 - -
Total Civil Buildings		1003	374 - -	629 - -

Repairs

Repairing the Dispensary at Paumben	11/77.8	180	154 4 1	25 11 11
Do the Surgery room to the Dispensary at Do	31/77.8	120	102 5 11	17 10 1
Total Repairs		300	256 10 -	43 6 -
Total Civil Buildings		1,303	630 10 -	672 6

Original Works
Communications

Metalling 10 miles of road No 2 from Bogalore to Ramnad	44/76.7	37000	21609 1 -	15390 15 -
Do the portion of 13 miles of Road No 2 from Bogalore to Pernagoody	45/76.7	77400	38127 6 9	39272 9 3
Constructing 2 Road Dams on Road No 1 from Madura to Manalore	34/78.9	4430	- - -	4430 - -
Improving road No 27 from Shovarmair to Melanal	87/76.7	9400	8680 13 11	719 2 1
Constructing road No 23 from Karaputty to Perudalagoody	40/76.7	48309 12	46466 6 5	1843 5 7
Remetalling road from Madura to Tiroomungalum	27/77.8	4600	3566 15 7	1033 - 5
Constructing Road No 7 from Madura to Nuttum	57/76.7	26690	19377 15 2	7312 - 10
Do Road No 3 Madura to Sayelgoody	39/76.7	56800	32905 4 2	23894 11 10
		264629 12	170733 15 -	93895 13 -

Madura Circle

Trichinopoly Division

List of new Roads &c
proposed to be retained
by P. W. Department.

6	Constructing 3 Tunnels in Edyathimangalam	63/77-8	675	530	"	"	145	"	"	Rs 145 applied for in the list of Incomplete works.
7	Constructing a Road Tunnel on the 25th mile of Road No. 10 for passage of drainage water	6/78-9	90	80	6	"	9	10	"	Rs 10 — Do. — Do.
8	Portion of Road No. 25 restoring from Kulittalai to Kovilpully damaged by heavy rain	39/78-9	2950	750	"	"	2200	"	"	Rs 2200 applied for in the — Do.
9	Tunnel and Road dam in 14th, 18th & 19th miles of Road from Kulittalai to Manaparai	38/78-9	480	"	"	"	480	"	"	Rs 480 — Do. — in — Do.
10	Closing breaches on road branching from road No. 3 to Irungalur	"	250	"	"	"	250	"	"	Rs 250 Do. Do.
	Civil Building (Ordy)									
11	Sinking a well near Kovilpully	64/77-8	250	"	"	"	250	"	"	Remarked in the list of Incomplete works that Allotment not absolutely required
12	Constructing a Civil Dispensary at Ariyalur	61/77-8	1100	207	12	"	892	4	"	Remarked in the list of Incomplete works that allotment deserving but not absolutely required
13	Providing a Verandah to the above	62/77-8	530	"	"	"	530	"	"	
14	Constructing Union school for 100 pupils at Musiri	64/78-9	870	"	"	"	870	"	"	— Do. — Do. — Allotment not absolutely required
15	— Do. — Kulittalai	63/78-9	870	"	"	"	870	"	"	
16	— Do. — Lalgudi	68/78-9	870	"	"	"	870	"	"	
17	Constructing Chuttram for Pariah travellers Padalur	2/78-9	800	500	"	"	300	"	"	but not absolutely required.
18	— Do. — Togamalai	1/78-9	3500	"	"	"	3500	"	"	Rs 2150 applied for in the list of Incomplete works
19	— Do. — Krishnapuram	66/78-9	2050	"	"	"	2050	"	"	Stated in the list of Incomplete works that allotment not absolutely required
20	Repairing Travellers Bungalow at Kovilpully	59/78-9	60	49	15	9	10	"	3	Rs 10 applied for in the list of Incomplete works
21	— Do. — Cook room Thovarankurichy	64/78-9	280	"	"	"	280	"	"	Rs 280 — Do. — Do.
22	— Do. — Do. — Manaparai	68/78-9	180	80	"	"	100	"	"	Rs 100 — Do. — Do.
23	— Do. — Chuttram at Padalur	6/78-9	900	700	"	"	200	"	"	Rs 200 — Do. — Do.
24	Digging a well and forming a garden in the road from Kulittalai to Manaparai	36/77-8	1520	1347	13	2	172	2	10	Rs 172 — Do. — Do.

Trichinopoly Division
Office 24th July 1879.

H Wemyss
Major R. E.
Executive Engineer

N.B. Sept 20th
After the estimates as above are completed, all the buildings can be made over to the Local Fund Board for future maintenance. The Board has already returned in their lists some new roads such as Puttamalai to Tiruvanur which are therefore not entered above. Proposed new roads also have not been entered.

From
The Executive Engineer
Vizagapatam Dt
To
The Supdg. Engineer
5th Circle
Dd 12th } July 1879
Rd 14th }
No. 854
Encls. None
Report of the roads to be maintained by D.P.W. & that the rest to be handed over to the L. F. Board.

G.O. dt 225 of 25.7.79

P.W.D.
79
No. 6757

Lalgudi 78-9 870

of Contributing ...

Trichinopoly Division

List of New Roads &c proposed to be retained by the P. W. Department

No.	Names of works	Date of Sanction	Amount of Estimate	Expenditure to 31st March 1879			Balance			Remarks.
	Communication Roads.									
1	Kolattur Railway Feeder from 3rd Dir 12th mile stone Dindigal Road to Kolattur Railway Station	"	4700	2818	10	2	1881	5	10	Stated in the list of Incomplete works allotment deserving but not absolutely required.
2	Forming Road along the Wyacondan North Bank from Allitkai to Mullikarambur	"	5645	3555	3	3	2089	12	9	No two applied for in the list of Incomplete works
3	" Road No. 2 from Siplaputtur to Kattuputtur 2 miles	1/78-9	7980	3424	"	9	4555	15	3	Remarked in the list of Incomplete works that allotment deserving but not absolutely required
4	Extending Road No. 15 from Vengaanur to Salem frontier at Windimbiam 3½ miles	3/78-9	7650	6497	5	6	1152	10	6	Do. Do. Do. allotment not
5	Completing the Road from Perur to Pundamangalam	70/78-9	10460	"	"	"	"	"	"	absolutely required.

and the work is in progress, its cost and up keep is I believe in future to be debited to the salt Department, but up to the present it has been maintained by the Local Fund Board on a grant of Rupees 150-„„ per Mile.

Road No. 67 from Kuroongerusny to Colapaud. This is a new Road whose construction has just been put in hand; Its length is 7 Miles, and the Estimate for its construction amounts to Rupees 22,395-„-„. It does not go on a river bank. It is presumed that the Local Fund Board will have to employ Professional agency and if so there is no reason why they should not carry out the above mentioned works.

Road No. 51 from Mullyaur Head to Thalaynoyer, distance 22½ Miles runs along the right bank of the Harichundranady. The maintenance grant for this Road is Rs 50 per Mile, a Special Estimate is being prepared for raising the embankment and reconstructing the road. The work should be carried out and the Road maintained by the D.P.W. as it is a high level river with numerous sluices under the road and requires to be well looked after.

7 Miles of Road No. 15 North Section from Needamungalum railway Station

to Mumnargudy runs on the left bank of Pamanyaur. The total length is 9* Miles for which there is maintenance grant of Rs 400 per Mile. It is a Metalled road, should be maintained by the D.P.W.

*½ mile lies within Municipal limits.

The only other road in this Division which goes on a riverbankment is road 58, on the left Bank of Vennaur, length 5 Miles grant Rs 60 per Mile. This also should be maintained by the D.P.W. All the other roads can be made over to the Local Fund Board.

I have the honor to be
Sir
Your most obedient servant
Hamner
Executive Engineer

P.W.D.
23 [illegible] 79
No. 6151

5th Circle

Remarks on the Lis
of Roads &c— in various
Divisions, which it is
proposed to retain in
Charge of P.W.D.—

No. 854

Negapatam Dn. Office
12th July 1879.

From
The Executive Engineer
Negapatam Division
Negapatam

To
The Superintending Engineer
5th Circle
Trichinopoly

Sir,

With reference to your Endorsement No. 17.C. on Copy of Chief Engineers Memorandum No. 2428. I have the honor to report that the following are the roads which from your Endorsement it would appear advisable to maintain or construct by the agency of the D.P.W.

Road No. 63 from Pamany to Kullimodu length 9 miles running along the right bank of the Adapaur. The Embankment is very high and when this road is reconstructed I think it might be made over to Local Fund Board. The river is very low and there is no danger of its breaching its Banks.

An Estimate amounting to Rupees 8880— has been submitted for its reconstruction and per mile to keep the trace clear of jungle and execute slight repairs.

Madura Dn.
Madura Circle
Dindigul — " —

New and special works which it is proposed to retain and complete are entered in a separate list.

Satur Dn.
Tinnevelly Circle

Bridge over Vaipar River at Satur.

The other incomplete new works and special repairs to be completed by the P. W. D. are detailed in separate list forwarded.

Tinnevelly Dn.
Tinnevelly Circle.
Shermadevi Circle

Bridge over Tambraparni between Tinnevelly and Palamcottah.

The other incomplete works – both new and repairs are detailed in separate list. There is a large sum of Rs 10,000 sanctioned for repairing flood damages on Road No V. Palamcottah to Travancore via Nanguneri, and until this is worked out, it would be well to keep the maintenance in charge of the P. W. D.

J. W. Rhindall
Ag: Supt. Engineer

GENERAL.
ESTABLISHMENT.

Govt. of [1879] Madras.
PUBLIC WORKS.

To
THE SUPERINTENDING ENGINEER,
FIFTH CIRCLE,
&c., &c., &c.

Dated September 25th.

Issued

Recd. Encl.

G. O., 25th September 1879, No. 2,435 W.

SEPTEMBER.
Nos. 63 A—63-B.

Reductions in the Fifth Circle, Public Works Department.—Orders regarding the

---

5th Circle

Remarks on the lists of Roads and other works in the various Divisions, which it is proposed to retain in charge of the P. W. D.

Trichinopoly

Completed Roads none.

The large Bridges over Caveri and Coleroon near Trichinopoly.

The Bridges over the Upper Anicut and Coolair on old Madras Road.

The Iron Girder Bridge over Iyar on Salem Road.

All the above Bridges and the conservancy of the rivers in their immediate vicinity require professional superintendence.

Tanjore Division

Tanjore Circle

Roads and special repairs detailed in separate list attached.

Negapatam Circle.

Roads and special repairs detailed in separate list attached.

Dindigul Dn

— " — Circle

Laws Ghaut. Devadanapatty to Kodaikanal 30 miles. The Local Fund Board at present give a grant of Rs 50

9. The Superintending Engineer will submit definite proposals for the strength and distribution of the Upper Subordinate Establishment of his circle, but the total strength of this establishment will not exceed eleven Sub-Engineers and Supervisors (together) and twenty-nine Overseers.

10. The Government desire to get rid, as soon as possible, of the permanent petty establishment, and every endeavour should be made to induce its members to retire, but they are not at present prepared to order the dismissal of any individual; no new appointments are to be made to this establishment.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Fifth Circle.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Financial, &c., Departments.
" Revenue Department.
" Military Department.

Despd
11-12-79

Exd. S. T. Austin.
Spare Copies

to effect the required reductions: as regards office establishment, under the orders conveyed in your memorandum under reply, if the new Madura Division is placed in the third-class there will be a third-class establishment to dispense with.

8. With regard to paragraph 10, I beg to state that with a view to lessening the work of the reduced establishments as much as possible, and enabling all hands to devote more time to the more important of their professional duties, in the improvement and efficient maintenance of irrigation works, I would suggest that ordinary repairs to buildings (other than Military) be carried out by the officers using them. The aid of the Executive Engineer and his establishment being called for only when the officer concerned thought that professional advice or superintendence was needed. It would probably be advisable, as a check on rates, for estimates to be countersigned by the Executive Engineer. In order to relieve the Superintending Engineer's office, the funds for these repairs should be placed directly under the control of the district head of each department.

9. I feel it would be an enormous advantage for Superintending Engineers to have less office work, but do not see in what way it is to be lightened as long as a Superintending Engineer is in correspondence with officers of all departments in four or more districts, and with six or seven Executive Engineers. The introduction of a complete Code, more perfect acquaintance with its provisions, and the use of standard specifications, will probably help to reduce work. My own time, since I have been in this circle, has been principally occupied with routine work, and I have found myself quite unable to take up one or two subjects, very important in themselves, but requiring continuous attention. The scale of establishment sanctioned for Superintending Engineer's offices is utterly inadequate. No Accountants are given to keep the Appropriation Registers; there was formerly an Accountant in each District Engineer's office. This matter was reported in my No. 1,147, dated 14th January 1879.

10. With regard to paragraph 12, I have the honor to state that, I think, Uncovenanted Assistants might take the place of the present Engineer Assistants. If the Engineer Assistants had first of all, at least two years' practical work, and if these officers were likely to remain as Office Assistants for any length of time, they would be of more use. Whenever a new man comes into the Superintending Engineer's office he would practically be of little use for some time; whereas a permanent Uncovenanted Assistant would not, it is to be hoped, be frequently changed. Moreover, if, as is suggested by you, officers for this post could be selected from among those whose services are to be dispensed with in the executive branch, having technical knowledge and experience, the arrangement would probably be found better than the present one. The Executive Engineer at head-quarters would, when present, often be able to give an Uncovenanted Assistant advice in urgent matters during the Superintending Engineer's absence. With regard to technical clerks, it would doubtless be an advantage to have one or more men in the Superintending Engineer's office who had passed through the Civil Engineering College, and who had gained some practical experience. The weakness of the sanctioned scale of office establishment is in the lower grades. There are not enough clerks for registering, copying, keeping the records systematically, and picking references. For all of these duties men on Rupees 20 to Rupees 30 can be obtained. Unless these duties are punctually performed work cannot go on.

11. I do not understand from your memorandum under reply that I am called on to submit detailed proposals, either for my own office or for the future establishment of Upper and Lower Subordinates for each division.

12. No instructions with regard to the future numbers and constitution of the Lower Subordinate Establishment have yet reached me.

13. On the re-organisation, in October last, no members of the petty and office establishment in excess of the scale then sanctioned were dismissed; paragraph 28 of G.O., No. 3,674 W, of the 18th September 1878, directed that there should be no immediate reductions. Is it intended that these excess hands shall be at once dismissed? Kindly instruct me on this point.

14. Please also inform me whether the scale of pensions laid down in the Resolution of the Government of India, published in the *Fort St. George Gazette*, of the 19th August, is applicable to Clerks and Accountants, as well as members of the executive branch.

No. 63-B. ORDER THEREON, 25th September 1879, No. 2,435 W.

THE Superintending Engineer, Fifth Circle, will take immediate steps for the amalgamation of the Madura and Dindigul Divisions, the amalgamated division, the head-quarter of which will be at Madura, being placed under the charge of Mr. Hutchings pending the appointment of a permanent incumbent.

2. The accounts of the amalgamated divisions will be dealt with in accordance with the instructions issued at the time of the re-organisation of the department under the terms of G.O., No. 3,674 W., of 18th September 1878.

3. The new Madura Division will have an office establishment of the 2nd class, and the Superintending Engineer will take immediate steps for reducing the cost of the office establishments of his circle to the amount allowable for the divisions which it includes, on the scale fixed by the order quoted above.

4. It is not desired that the number of individuals should be reduced, or their pay raised, to correspond with the above scale, but merely that the total cost of the establishments is to correspond with it. It will be left to the Superintending Engineer to select the individuals whose services are to be permanently retained under the new arrangements, but he will be guided in his selection by the following principles:—

First, all men over 55 years of age and, second, all incompetent men should be at once given one month's warning of the intention of Government to dispense with their services.

All men not included in either of the above classes, but for whom room cannot be found in the new permanent establishment, should be warned that Government reserve to themselves the right of dispensing with their services without further notice, on such terms as may hereafter be decided on.

5. The men thus warned for discharge should be by preference those who have been but a short time in the service, and who have no claim to pension, but competence and good conduct must in all cases be taken into consideration.

6. The Superintending Engineer will submit, for the consideration and final orders of Government, a list showing the numbers of the office establishment to be—

(*a*) permanently retained,
(*b*) warned for immediate discharge,
(*c*) warned for discharge at the pleasure of Government;

his reasons for the selection being briefly stated in each case, but action in the matter need not be deferred until the orders of Government are received.

In separate orders instructions have been given regarding the transfer to "other agency" of the charge of Local Fund Works.

Rules will be framed hereafter regarding the charge of irrigation works; for the present these must be dealt with by the Public Works Department.

7. From and after the 31st December next the execution of ordinary repairs to civil buildings, and the construction of petty or temporary buildings of all classes limited to 1,000 rupees in each case in all districts, will be entrusted to the departments concerned, the balance of the budget grants for the year being placed at the disposal of the local heads of departments, and in future years these petty construction and repair works will be provided for in the Civil budgets, and not in those of the Public Works Department.

8. Improvements, new works and special repairs, will, as a rule, be carried out by the Public Works Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

26th September 1879, No. 2,435 W.

General.
Establishment.

Read the following paper:—

No.63-A. From J. W. RUNDALL, Esq., Acting Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated Palamcottah, 2nd September 1879, No. 1,249 T. J.

I beg to acknowledge the receipt of your memorandum No. 2,832, of the 27th ultimo, indicating the method in which work is to be cut down to suit the reduced scale of departmental establishment ordered by the Government of India.

2. In this circle no division being abolished and two only, viz., Dindigul and Madura, being amalgamated, it is in the Madura District alone that the operations of the department will have to be restricted in the manner directed. Fortunately it is easy to eliminate certain portions of the Madura District. I would therefore propose to give up charge of all work in the Melur Taluk and in the Zemindaris of Shivagunga and Ramnad. In Melur the irrigation works though numerous are relatively unimportant.

3. This would leave a large but manageable division, comprising the Madura, Tirumangalam, Periakulam, Dindigul and Pulney Taluks, with an area of about 5,600 square miles, and containing all the more important irrigation works of the district.

4. At present the Madura and Dindigul Divisions are both third-class. I request the favor of instructions as to the class in which the new Madura Division is to be placed.

5. The most important line of road in that portion of the Madura District which I have proposed to give up is that from Madura to Ramnad. I do not, however, see any special reason for retaining charge of this. The works at Paumben have already been handed over to the Marine Department.

6. As regards the future execution of works, within those tracts to be withdrawn from the operations of the department, roads will, I conclude, be managed by the Local Fund Boards, who will provide their own special staff. There are but few Government irrigation works situated in the Zemindaris, and for these no special provision is required. In the Melur Taluk there are innumerable small tanks, and Government would gain by handing these over at reduced assessments to the ryots. On this point, I think, the Revenue officers are also agreed. As regards buildings, I would suggest that all ordinary repairs be carried out by the officers of the department which uses and has charge of the building. As regards new buildings, Government will be able, when sanctioning them, to determine whether they should be constructed by the local officers, or whether any particular building should be carried out under professional superintendence, in which case the Executive Engineer would have to detach a subordinate, and occasionally inspect the work himself.

7. With regard to your paragraph 7, I have already submitted a list of the Upper Subordinates in this circle, whose services should be dispensed with in order

P.W.D.
25 7 79
No. 6151

5th Circle

Remarks on the Certo of Roads &c – in various Divisions, which it is proposed to retain in charge of P.W.D –

No 854

Negapatam Dn Office
12th July 1879.

From
The Executive Engineer
Negapatam Division
Negapatam

To
The Superintending Engineer
5th Circle
Trichinopoly

Sir.

With reference to your Endorsement No 17.C on Copy of Chief Engineers Memorandum No 2428. I have the honor to report that the following are the roads which from your Endorsement it would appear advisable to maintain or construct by the agency of the D.P.W.

Road No 63 from Pamany to Kullimoda length 9 miles, running along the right bank of the Adapaur. The Embankment is very high and when this road is reconstructed I think it might be made over to Local Fund Board. The river is very low and there is no danger of its breaching its banks.

An Estimate amounting to Rupees 8880 – has been submitted for its reconstruction and