M.R.O. 1—38,000—16-10-23.

MADRAS RECORD OFFICE.

Government of Madras.

Judicial DEPARTMENT.

G.O. No. 1190 Press Mis.

101-102

Dated 18— 9— 1860

11/11

Not to be folded or roughly handled

Proceedings of the Madras Government, Judicial Department,
15th September 1860.

No. 101. Read the following Proceedings of Government, in the Public Works Department, dated 13th September 1860, No. 1,913.

Communicating the Order passed on a letter from the Chief Engineer, submitting a scheme of reductions on the Budget of the current year to meet the reduction of 8 lacs on the total amount ordered by the Government of India. (Vide Proceedings, Public Works Department, dated 13th September 1860, Nos. 114—117.)

No. 102. ORDER THEREON, 15th September 1860, No. 1,190.

To be recorded.

(Signed) T. PYCROFT,
Chief Secretary.

Exd. S. T. Augustin.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following letters:—

From Lieutenant-Colonel W. H. HORSLEY, Chief Engineer, to J. D. BOURDILLON, Esq., Secretary to Government, dated Chepauk, 19th July 1860, No. 2,793.

SIR,

1 Precis of replies from District Engineers.
1 List of works.
1 Allotment Statement.
2 Letters from District Engineers, dated 15th May and 14th June 1860, with 1 enclosure.
Proceedings of Government, dated May 11th, 1860, No. 986, with letter from the Secretary to the Government of India, dated May 2nd, 1860, No. 2,235.

1. With reference to the Orders of Government noted in the margin, communicating the Review of the Government of India on the Budget of Public Works of this Presidency for the current year, I have the honor to submit the following observations on the points to which my attention is therein called.

2. An enquiry is made by Government, with reference to the remarks of the Government of India in paragraphs 4 to 8 of their Secretary's letter, as to whether some reductions may not properly be made in the sums allowed for repairs of Irrigation works, so as to obtain a larger amount for improvements. The limitation on expenditure in the current year, fixed by the Government of India, necessitates a retrenchment of 8 lacs of Rupees, which is necessarily made against both new works and repairs. In addition to postponing some new works and to reducing the assignment of others, I am constrained to recommend a reduction of the allotment for repairs by 18 per cent. to meet the limitation fixed. If this reduction be carried out, the sum thus available for expenditure on repairs of Irrigation works in the current year, Rupees 14,07,523 will be less than the average expenditure thereon during the past three years, viz., Rupees 16,42,423, by Rupees 2,34,900, and much below the outlay of the past two years, as the marginal note will explain.

Paragraph 3.

Allowed for repairs of Irrigation works in Budget 1860-1	Rs. 17,16,491
Reduced by 18 per cent. to	14,07,523*
Expenditure in	Rs.
1857-8....	13,05,103
1858-9....	18,97,255
1859-60 ..	17,24,912
Rupees..	49,27,270
Average	16,42,423
Allowed as above.	14,07,523*
Less.....	2,34,900

3. With such a large reduction in repairs proposed to meet the limitation of the Government of India, it is quite impracticable to carry out any further reductions under this head, to obtain therefrom money for improvements. It is with the hope that the Irrigation works of this Presidency will not again receive such damage as they sustained in the past two years, that I have proposed the reduction of 18 per cent., which will leave for outlay thereon only a lac of Rupees more than the expenditure in 1857-8. But should unforeseen demands be made from similar circumstances in the current year, they could only be met by a special assignment of funds, as it cannot be expected that such extraordinary liabilities could be anticipated and provided for out of the reduced allotment of 67 lacs of Rupees, sanctioned by the Government of India, which is intended only to cover ordinary demands.

4. With reference to the progressive increase of late years under the head "Repairs," I beg to refer to the Orders of Government noted in the margin, passed on the Review of the Budgets of 1858-9, and to the Officiating Chief Engineer's reply thereto in pp. 6 to 12, in which an explanation is given of the impracticability of fixing a standard sum for each District for repairs of Irrigation works, so as to regulate as nearly as possible the percentage of annual charge of such works to the Nanjai Béris. In the Review of the Budget for the current year this Government particularly noticed the progressive increase under repairs, and Colonel Bell, thereupon, called on District Engineers to furnish a Report explanatory of the reason of the increase, and to show how much of such increase was owing to special repairs to works of Irrigation and to repairs of Roads and Bridges sanctioned under Orders of Government, and how much to increased maintenance grants for made roads; also to report generally on the extent of repairs made to works already repaired by the new Department, and to works as taken over from the Collectors. Replies from almost all the District Engineers have been received, and I beg

Extract Minutes Consultation, No. 83, Public Works Department, January 18th, 1858, pp. 52 and 53.

Paragraph 15 of Order of Government, February 21st, 1860, No. 361.

to submit for the information of Government a summary thereof. It appears from these Reports that no sensible reduction in repairs is possible.

5. It is to be particularly considered that the Irrigation works in this Presidency are exceedingly numerous, and unless they are attended to periodically, the Revenue from Nanjai lands, entirely dependent on these works being kept in a proper condition, must necessarily fall off. Further, in proportion as Irrigation is extended, as it has been of late years to an aggregate amount of some 50 or 60 lacs of Rupees per annum, the cost of repairs will be increased in proportion.

6. The Government of India in paragraphs 7 and 8 of their letter remark on the system of making allowances for repairs which they believe exists in this Presidency, instead of regular Estimates being exacted, showing the precise work to be done; and they conclude from this, that these allowances more than cover the expenses of ordinary repairs. I beg, in reply, to remark that there appears to be some misapprehension of the system said to be pursued. For repairs of Irrigation works and Buildings it is true that a certain sum is entered for each District in every years' Budget computed on the average of past years' outlay thereon, but no expenditure takes place in the Districts on repairs of either Irrigation works or Buildings without the previous preparation and sanction of Estimates for ordinary repairs, which are prepared by the Executive Officers with reference to the actual requirements of each work, or set of works, and submitted for the approval of the local Revenue authorities prior to execution, except in cases of emergency where prompt action is necessary; but in such cases reports are made to the proper authorities of the works undertaken under this head

7. It is quite true that the sum allowed for repairs to Irrigation works does more than cover, in ordinary seasons, the repairs of such works strictly so called, but in connection with these works it is often desirable, indeed necessary, to introduce certain improvements in design or the substitution of masonry sluices for temporary wooden ones, and waste weirs or calingulas, to prevent waste of water or accidents to the bunds of tanks and channels, such works coming under the denomination of minor new works and sanctioned on Estimates by the Deputy Chief Engineers, provided the amount does not exceed Rupees 500, or by the Collector and District Engineer jointly, if the amount is within Rupees 2000. This course would seem to be in accordance with that pointed out in paragraph 11 of the letter from the Secretary to the Government of India, and it is one that is constantly acted on in providing for the restoration of injured works, but as there is no separate sum set apart in the Budget for such works and improvements they are necessarily charged to the repair fund.

8. In reference to repairs of works of communication, it will be observed from the particulars given in this year's Budget, that the allowance under this head is chiefly confined to fixed maintenance grants for made roads. These grants are not sanctioned until after the completion of a line of road or of a portion of it, and are made with reference to its importance and to the traffic passing thereon, a regular Estimate of the cost of keeping in repair every mile of such made road and of the masonry works thereon being first submitted to the scrutiny of the Central Office. These grants are frequently subjected to change or reduction, with reference to increase or decrease of traffic on the roads for which sanctioned, and I may refer to the recent instance of the large reduction made in the Chingleput and North Arcot Districts in the allowance for the High Western Road, in consequence of the traffic by the Railway diminishing that on the said road. Also to the reduction ordered in the Proceedings of Government, No. 1228, dated 4th May 1860, in the maintenance allowance of No. 6 or Northern Trunk Road, between Madras and Nellore, with reference to the increased facilities of traffic on the Northern Coast Canal. These maintenance grants must increase in amount as further additions and improvements are made to roads and other communications, which, unless kept in order, will deteriorate and render of no avail the capital first laid out on them.

Proceedings of Government, 11th October 1859, No. 2,412.

9. I may here mention that it is understood, that, in Bengal, and also in the North Western Provinces and in the Punjab, the only road which is repaired at the expense of the State is the Grand Trunk Road, and that District roads are there kept in order, in a great measure, by local funds, whereas in this Presidency we have no such fund generally for all Districts. In some Districts, Ferry tolls and other petty collections are formed into a fund, but these are only for the repair of minor District roads, and not for the principal lines of communication throughout the Presidency.

10. There are two other classes of allowances under the head of communications which may have been observed by the Government of India, viz., "Discretionary Allowances" and for "Roads not provided with special grants." The former is for repairs and improvements to minor District roads, and is drawn and expended on works approved of by Collectors, and the latter is not available until specific grants or Estimates are sanctioned by Government for the repair of roads, this provision being made in the Budget on purpose to meet demands for such grants in Districts in which the maintenance allowance is insufficient to keep in order made roads, or where there is no such allowance.

11. In regard to the proposal of the Government of India in paragraph 9 of their Secretary's letter to economise the labor of the Establishments of the Public Works Department by establishing a rotation in the execution of repairs to small works, so as to take up Táluq after Táluq, by which means the same Establishment could supervise the works of two or three Táluqs, I beg to remark that this method of executing work is not at all feasible in this Presidency, not only because of the numerous works in almost every Táluq which demand the constant attention of the Executive Officer and Agents, but because of the small Establishment available for the execution of work in the large extent of country comprised in each Táluq. It is further impracticable to adopt the plan suggested from the circumstance of the working season being of short duration, and the consequent necessity there is for the whole of the works being carried on more or less at once, and completed before the close of the season.

Captain Dickens' Memorandum on the Madras system of Public Works Accounts received with Order of Government, May 2nd, 1860, No. 903.

12. It appears from a recent paper received from the Government of India that the Bengal divisions under each Executive Engineer have no reference at all to the Civil Districts, and have each of them generally less extent of country and less expenditure than the Madras Districts, and that on an average the Madras District is about equal to two Bengal divisions, and the latter equal to two Madras ranges, the Madras range being equal to five Bengal sub-divisions, so that for each Bengal division, equal to only half of a Madras District, there are about ten sub-divisions, while a Madras District is divided into about four Executive ranges, and each of these ranges consists of two, and sometimes three Táluqs, with numerous small works, all demanding prompt attention; the land Revenue of the Presidency being entirely dependent on them.

13. It may be possible in Bengal for the Subordinate in charge of a sub-division equal in extent to only a twentieth part of a Madras District, to proceed in rotation from one sub-division to another to execute repairs to its works, which are much less in number and far less costly than in a Madras Táluq; but for an Executive Officer, or Agent in charge of a Madras range to proceed in rotation from Táluq to Táluq to repair the works in each, in rotation, is quite impossible. Small as the Establishment is for the large extent of territory in each District, it is necessary so to distribute it that every range and Táluq within it will receive prompt attention, and I believe it quite impossible to reduce the Establishment lower than it now is. I may refer to the circumstance of the reductions recently made in the scale of salaries of the 3rd and 4th Class Executive Engineers and Assistant Engineers, with a view to obtain the services of an additional number of Assistant Engineers for the necessary wants of each District without increasing the cost of the sanctioned Establishment. This reduction, as also the diminished salaries fixed for certain District Engineers, will, in the end, produce a saving to the State under the head of Establishments; but I cannot hope for any considerable saving for the reasons given above.

Paragraphs 13 to 17 of the Secretary's letter.

14. With respect to the remarks of the Government of India regarding the position assigned to the new Artillery Barracks at Bellary, and the suggestion that they should be built in the Upper Fort, or Citadel, with a view to form a defensible post on the highest ground, from whence to overawe the town and bazár and protect the Cantonment, I have only to remark, that the chief reason, I believe, for removing the Artillery from the Lower Fort, where they now are, is its unhealthiness and the great heat reflected from the rock on which the Citadel stands, and were they located on the rock itself, matters would be worse, instead of better, as regards heat, Moreover, the men would be away from their guns, which must necessarily remain in the Lower Fort, for they could not be taken up and down the hill every time they were required for drill. It was considered an object to have the European Troops located together, and for this reason the site selected for the new Artillery Barracks was in the vicinity of the new European Infantry

Barracks on the open ground to the north-west of the Fort. In the event of a disturbance, a small garrison would of course be thrown into the Citadel and the Lower Fort to protect the station, but it would not be well, in my opinion, to locate the Artillery in the former as a permanent measure. At all events the opinions of experienced Medical Officers should first be obtained as to the healthiness or otherwise of the site. There will be ample time, however, to settle about the site, as it has been found necessary to exclude the item of Rupees 50,000 for the new Barracks from the Budget of the current year to reduce the amount thereof to the limit assigned by the Government of India.

15. In paragraph 23 of their Secretary's letter, the Government of India refer to the omission to explain the range of the tides on the Canal between the Cooum and Adyar at Madras. I would observe that though the difference of level between high and low water spring tides does not exceed 4 feet, and is usually not more than 3 feet, the rise and fall in the Canal itself will not be more than from six inches to a foot, owing to its distance from the mouth of the Adyar.

16. In order to carry out the reduction of 8 lacs of Rupees ordered by the Government of India, it is necessary to make a redistribution of the assignments for each District. The following works in the Budget of 1860-1 are recommended to be postponed, and reductions are proposed to be made from the amounts fixed for expenditure on others. The works which were recommended by Colonel Bell to be postponed, to provide funds for the Junction Canal, the Coonoor Ghat and the Krishna Channels, and approved by Government are included in the subjoined, to make a redistribution of the whole, but as such a large reduction as 8 lacs of Rupees is to be now met and provided for, the commencement of the Junction Canal between the Adyar and the Cooum Rivers will have to be deferred to next year, in order to set apart the large amount* which was intended to be given for this work for other works of a more pressing character, for which no provision was made in the Budget of 1860-1. These works are also shown below, and a separate list of such as are to be postponed and those to be provided for anew also accompanies.

Letter to Government, No. 12,020, dated 24th April 1860, and Order of Government, dated 8th May 1860, No. 980.

* Rupees 1,40,000.

Works disallowed by the Government of India not to be proceeded with :—

		Rs.	
1.	Artillery Barracks at Bellary....	50,000	
2.	Northern Canal...	1,00,000	
			1,50,000
Military works recommended to be postponed :—			
1.	Artillery Barracks at Bangalore	50,000	
2.	Cantonment Roads at do.	7,000	
3.	Fortifications of Fort Saint George to be reduced by...	40,802	
4.	Works at Wellington to be reduced by...	62,713	
5.	Quarters at different Stations for Medical Subordinates.	30,620	
6.	Buildings for Divine Service at Bellary...	18,080	
			2,15,215
Works of improvement to be postponed :—			
1.	Railway feeder in Malabar	20,000	
2.	Do. in Cuddapah, to be reduced by	8,000	
3.	Road from Chicacole to Calingapatam, to be reduced by	5,000	
4.	Road from Trivelloor to Korteliar...	6,000	
5.	Restoring banks of the Cooum River	4,000	
6.	Saint Mary's Bridge...	4,212	
7.	Floating Bridge over Munki ferry...	4,360	
8.	East and West Upper Rooms over the Dewan Khana...	17,640	
9.	Foundry at the Mint	13,220	
10.	Wyacondam Channel	5,500	
11.	Parcovalay Channel, to be reduced by...	5,000	
			92,932
	Carried Forward		4,58,147

	Rs.	Rs.
Brought forward.....		4,58,147
To this is proposed to be added 18 per cent. on the allowance for repairs which will be reduced, as explained in the accompanying list, by...		5,63,158
		10,21,305
Deduct provision for the following works not in the Budget of 1860-1 :—		
Roads leading to the Wainad country...	30,000	
Coonoor Ghát...	15,000	
Increased maintenance for the Coonoor Ghát. Difference between Rupees 5,000 and Rupees 1,400 in Budget No. 3 of 1860-1	3,600	
Widening the Krishna Channels sanctioned on the 19th April 1860, No. 70	43,110	
Repairs to the Chinna Orapaud Tank in Cuddapah. 17,000		
Special Repairs to works damaged in do. 13,000		
	30,000	
Cuddapah and Madras road, portion of the Estimate of Rupees 1,28,237.....	25,000	
South front of Upper Story to the Dewan Khana.....	14,900	
European Barracks at Waltair.....	50,000	
Temporary do. for a Detachment of Horse Artillery at Cannanore, including Stables.....	9,695	
		2,21,305
Leaves a net reduction of		8,00,000

1. Metalling the Coonoor and Ootacamund road, Estimate Rupees 32,000, sanctioned by the Government of India, Order dated 8th August 1859, No. 5,543.
2. Road from Vencataramrazpett to Royachootie, Estimate Rupees 41,309.

17. The two works noted in the margin, referred to by the Government of India, in paragraph 25 of their letter under reply as not sanctioned, were, I would remark, sanctioned by that authority on the date set opposite to each. Both these works are of importance and require to be proceeded with in the current year. They have been allowed to continue, but the assignment for the Vencataramrazpett and Royachootie road has been reduced from Rupees 20,000 to Rupees 12,000.

18. I now proceed to bring to notice the necessity for the assignment of funds to certain works other than those in the Budget of 1860-1, for which the sum of Rupees 2,33,305 is proposed above for expenditure in the current year.

19. For the Wainad roads the necessity for which is fully shown in the Minutes of His Excellency Sir Charles Trevelyan, a sum of Rupees 30,000 is proposed to be spent in the manner detailed in a full Report on the subject by the District Engineer of Malabar, which has been submitted in my letter, No. 2,792, dated the 19th instant.

20. For the Coonoor Ghát, a sum of Rupees 15,000 is proposed by me to be laid out on the improvement of the existing line, with the benefit of an increased maintenance grant of Rupees 3,600 which will, with the sum of Rupees 1,400 in the Budget No. 3 for maintenance, make an aggregate of Rupees 20,000 to be laid out on the Coonoor Ghát. This amount is recommended in lieu of the sum of Rupees 50,000 entered in Colonel Bell's list, dated 24th April 1860.

21. The sum of Rupees 43,110 for widening the Krishna Channels was sanctioned by Government in Orders of the 19th April 1860, No. 798, and is likewise included in Colonel Bell's list above alluded to. This sum being required for expenditure in the current year is, therefore, provided for in the present revision of the Budget.

22. For the Cuddapah and Madras road a sum of Rupees 25,000 has been provided, because of the urgent representation of the District Engineer in two letters noted in the margin, which are forwarded for the information of Government. An Estimate of Rupees 1,28,237 for the 69¼ miles of this road in the Cuddapah District is entered in the Budget of 1859-60, but no

Dated 15th May 1860, No. 20, and 14th June 1860, No. 191.

amount was allowed therein for expenditure in that year, and in the printed Budget of 1860-1, this work has been omitted for want of funds to meet the necessary outlay thereon. The total outlay up to the end of the last Official year for this road in the above District was Rupees 13,034, of which Rupees 2,058 were laid out in 1859-60 for improving the worst portions of the road from Cuddapah through the Chittivel Valley out of the sum of Rupees 8,000 authorized by Government to be spent thereon. The remainder was not spent on account of the subsequent reductions made in the allotment of last year.

	Rs.
Spent up to 30th April 1859..	10,976
Spent in 1859-60.....	2,058
Total....	13,034

Order of Government, dated 15th August 1859, No. 1,958.

23. The District Engineer brings to notice that 50 miles of the above road are in a bad condition, being over rocks and tank banks and through sundry beds of rivers, and need thorough repair, for which he is of opinion that 1,000 Rupees per mile will be required. The importance of this road with reference to the North Western line of Railway is pointed out by the District Engineer, and I would suggest that a sum of Rupees 25,000 be allowed for this year, and the remaining Rupees 25,000 be included in the Budget of next year.

Paragraph 8 of his letter of the 14th June 1860.

24. I have suggested the above reduced amount, as the sum available for distribution is small and the Cuddapah District is in need of additional aid for the repairs of Irrigation works, and I propose that a sum of Rupees 30,000 be given to this District on this account in addition to the sum of Rupees 25,000 recommended for the Cuddapah road. Of the 30,000 Rupees now proposed, Rupees 17,000 is recommended for expenditure in this year on the restoration of the Chinna Orapaud tank out of the sanctioned Estimate of Rupees 31,000,* and the remainder Rupees 13,000 is recommended to be allowed as an addition to the sum provided for repairs of Irrigation works to meet special repairs of damaged works in the Chittivel Táluq. Rupees 56,908 is allowed in the Budget No. 3 for repairs of Irrigation works in this District, which is reduced to Rupees 46,714 by the deduction of 18 per cent. made from repairs generally, and therefore the addition I have recommended will do little more than bring it up to its former mark. The District Engineer's Report on the damages sustained in certain Táluqs by the monsoon of last year, was submitted to Government in letter dated the 15th December 1859, No. 8,270, and in his Annual Report for 1859-60, he stated that the amount of damage sustained by the works is estimated by him at Rupees 90,000 in the Chittivel Táluq alone, inclusive of Rupees 34,000 for the restoration of the large tank already alluded to, but it is clearly impossible to make any further provision than that now recommended by me on account of the reduced amount available.

* Order of Government, No. 1,161, dated 4th June 1860.

Paragraph 10 of District Engineer's letter, dated 15th May 1860.

25. For the south front of the Upper Story of the Dewan Khana, for which Rupees 14,000 were sanctioned to be spent in last year, a provision is made as the work was not commenced until the beginning of the current year. The Civil Architect has forwarded a list of works in progress not in the Budget of 1860-1 which were under execution in 1859-60, and this amounts to Rupees 37,184, from which if Rupees 14,900 for the building above referred to be deducted, a sum of Rupees 22,284 will still remain for expenditure chargeable to the fund for unforeseen works. I have, therefore, thought it proper to provide separately for the above work, leaving the remainder to be met from the 3½ lac fund.

Order of Government, dated 13th January 1860, No. 102.

26. For the European Barracks at Waltair, a provision of Rupees 50,000 is suggested by me, in consequence of the desire of His Excellency the Commander-in-Chief that a suitable sum should be set aside for the construction of these buildings on the principle recommended by me and approved of by Government, in Orders in the Military Department, No. 2,265, dated 20th June 1860. A copy of the letter addressed to Government on this subject by the Quarter Master General, dated the 27th June 1860, was communicated to me by that Officer, and I have, in consequence, included Rupees 50,000 for the above work, which, however, will not be required for expenditure until after the site has been levelled, and Estimates

Proceedings of Government, Public Works Department, dated 28th June 1860, No. 1,309.

for the foundations of the Government Barracks with the cost of the temporary structures thereon, shall have been duly prepared and sanctioned.

27. A sum of Rupees 9,695 is provided in the list submitted for temporary Barracks, including Stables for a Horse Battery of European Foot Artillery, intended to be moved to Cannanore in the course of the next relief. This has been done with reference to correspondence which has taken place between the Quarter Master General and the Officer Commanding Mysore Division, copies of which were furnished to me on the 2nd instant, in order to Estimates of the cost of the buildings being prepared, and which the District Engineer, Malabar, has been instructed to do. The amount included for the work in question, Rupees 9,695, is the balance which remained after the distribution made for the works already referred to; but I consider that this sum will be sufficient for expenditure in the current year. For similar buildings in Waltair, no separate provision has been made, as Estimates for these were sanctioned by Government on the dates as per margin, and are in course of execution. For the Stables required there also no Estimate has yet been submitted, but the cost of these can, I believe, be defrayed from the sum, Rupees 50,000, set apart for the European Barracks at Waltair, and there is really no more money at our disposal.

	Rs.
Order of Government, dated 28th February 1860, No 432.	3,320
Do. 11th June 1860, No. 1,220.	1,350
Total..	4,670

28. Though the pressing requirements for the Military and other works referred to above, have prevented the assignment of a specific sum for the prosecution of the Junction Canal, out of the sum of Rupees 50 lacs set apart for Public Works, I still consider that if the Government are desirous that this work should be proceeded with, in accordance with the permission of the Right Honorable the Secretary of State, and under the authority given by the Government of India, that the Canal may be commenced with a limit of Rupees 50,000 to be spent thereon in the current year, which amount will, I feel assured, be obtained by a saving in the aggregate expenditure of the year throughout all the Districts. The outlay in the past three years on Public Works has been much below the sum of Rupees 50 lacs per annum allowed for the last and this year. In 1859-60, about 1½ lac remained unspent, and the probability is that, in the anxiety not to exceed a fixed limit, the outlay in each District in this year also will be kept somewhat within the amount allotted for it.

Letter from Secretary of State, dated 20th February 1860, No. 19, in Proceedings of Madras Government, dated 4th April 1860, No. 760.
Paragraph 24 of letter from Secretary to the Government of India, No. 2,235, dated 2nd May 1860.

	Allowed Rs.	Expenditure Rs.
1857-58..	68,62,633	41,98,471
1858-59..	70,92,162	45,12,737
1859-60..	50,00,000	48,06,714

29. The alterations made in the assignment of funds for works as above described, reduces the proposed expenditure on account of new works and repairs, for Civil and Military works to the sums noted below:—

	Civil works.		Military works.		Total.	
	New works.	Repairs.	New works.	Repairs.	New works.	Repairs.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Allowed in the Budget of 1860-1...	11,72,656	29,65,381	11,02,895	1,84,068	22,75,551	31,49,449
Reductions made...	64,922	4,96,426	2,05,520	33,132	2,70,442	5,29,558
Present allowance...	11,07,734	24,68,955	8,97,375	1,50,936	20,05,109	26,19,891

This leaves for new works... .. .. Rupees 20,05,109
For repairs... ... ... ,, 26,19,891
And Reserve fund for unforeseen expenditure ,, 3,75,000
which makes up ,, 50,00,000

Besides 17 lacs set apart to meet the charge for Salaries, Establishments, Travelling allowances and Contingencies.

30. Out of the amount provided for unforeseen expenditure, Rupees 1,73,517 will have to be set apart to meet outlay on works which were in progress in 1859-60 and were expected to be completed within the 30th April 1860, and were, therefore, not included in the Budget of this year. After making this deduction, Rupees 2,01,483 remains for emergent and isolated works and for supplemental Estimates which may be sanctioned by Government during this year. Against this sum Rupees 53,820 have already been sanctioned, and there yet remains Rupees 1,47,663. A separate Memorandum showing the amount which will be at the disposal of each District Engineer and Executive Officer, if the reductions be carried out, is herewith submitted, in order to the Accountant General being instructed to revise the allotments accordingly.

31. I beg further to state that the two works noted in the margin were sanctioned by the Government of India in last year, as extra to the allowance of Rupees 67 lacs for both the past and this year. The unexpended portions of these Estimates should, therefore, be allowed to be drawn in addition to the assignments made to the South Arcot and Salem Districts out of the reduced allotment of Rupees 67 lacs. The unexpended balance in South Arcot is Rupees 60,680, of which the District Engineer reports that Rupees 30,000 will be the probable expenditure in this year, and that in Salem is Rupees 31,163, and I request that the Accountant General may be requested to hold these sums at the disposal of the above-mentioned District Engineers, respectively.

	Rs.
Construction of the Punnyar Anicut in South Arcot, sanctioned by the Government of India in letter dated 7th February 1860, No. 701, communicated in Order, dated 25th February 1860, No. 407, Estimate.....	61,000
Railway Feeders in Salem, sanctioned by do. dated 18th February 1860, communicated in Order, dated 2nd March 1860, No. 452.	43,383

32. A sum of Rupees 10,000 was sanctioned by this Government in Proceedings of the 16th March 1860, No. 159, subject to the confirmation of the Government of India for the trace of the Kaiga Ghát, and it was ordered to be drawn as an advance from the allowance in the Budget of 1860-1. The Government of India confirmed this grant in their Orders, communicated with the Proceedings of this Government, dated the 25th May 1860, No. 1,087, but as no expenditure had taken place on this work up to 30th April 1860, and the Budget allowance for this year is reduced to the same as the past, I request that the special sanction of the Government of India may be obtained to the above sum also being considered as extra to this year's allowance, like the grants for the Punnyar Anicut and the Railway Feeders in Salem.

33. The sums noted in the margin were sanctioned for certain works connected with the Upper Godavery project, in Orders of Government, dated the 3rd and 16th March 1860, but as the circumstances of the Upper Godavery works and the necessity of making a separate provision for them is pointed out in paragraph 10 of this Government's Review of the Budget of the current year, and considering that the Right Honorable the Secretary of State for India permitted Captain Haig's return to this country with a view to his prosecuting the work, it is to be supposed that he intended that funds should be provided specially for them. Machinery for these works was sanctioned in England and is now at Madras awaiting shipment to Cocanada. I request, therefore, that the Government of India my be requested to authorize the expenditure of the sum of Rupees 27,031 in the current year as extra to the ordinary allotment for this Presidency.

	Rs.
Clearing shoals	3,000
Building two light Boats.....	12,000
Fitting up a Steamer.....	12,031
Total.....	27,031

34. I beg, in conclusion, to recommend that discretion be given to the District Engineers, with the concurrence of the Collector, to alter the distribution now made of the sum assigned for new works and repairs of each District with reference to the real wants of the District, so that any amount which can be saved from repairs may be laid out in the execution of sanctioned new works, or that the allotments for repairs generally may be increased under one head and diminished under others, provided that the whole amount assigned to each District is not altered. This discretion was accorded on last year's reduction of the allotment in Orders of the 21st September 1859, No. 2,261, and it is equally called for in my opinion this year.

orks in the Budget of 1860-1 to be postponed and of reductions to be made from assignments to others.

			Amount reduced or taken off.
BUDGET No. 1.			
Bellary.			
	Rs.	Rs.	Rs.
rtillery Barracks and Out-offices, Estimate	.....	1,18,500	50,000
Malabar.			
Road from Mallapooram to Ponani, Estimate	.....	61,800	20,000
			70,000
BUDGET No. 2.			
Ganjam.			
Road from Chicacole to Calingapatam, Estimate Rupees 24,000, allowed in Budget, Rupees 8,415, to be reduced by	.....	5,600	
Cuddapah.			
Assistant Apothecary's Quarters, Estimate Rs. 3,240...	3,000		
Road from Venkataramrazpett to Royachootie, Estimate Rupees 41,300, allowed in Budget, Rupees 20,000, to be reduced by	8,000		
		11,000	
Bellary.			
School room and buildings for Divine Service for the use of men attached to the European Barracks, Estimate..	18,080		
Four Medical Warrant Officers' Quarters, Estimate Rupees 13,600			
Deduct one to be retained for Ramandroog ... 3,400			
	10,200		
		28,280	
Kurnool.			
Assistant Apothecary's Quarters, Estimate.....	.....	2,880	
Madras.			
Road from Trivelloor to Korteliar, Estimate	6,000		
Canal from Doogoorazpatam to Kistnapatam Backwater, Estimate Rupees 1,39,665	1,00,000		
		1,06,000	
Trichinopoly.			
Wyacondam Channel, Estimate...	5,500		
Parooralay Channel, Estimate Rupees 24,700, allowed in Budget, Rupees 10,000, to be reduced by ...	5,000		
		10,500	
North Canara.			
Floating Bridge over Munki Ferry, Estimate...		4,360	
South Canara.			
Medical Warrant Officers' Quarters at Pootoor, Estimate		3,210	
Malabar.			
Assistant Apothecary's Quarters, Cannanore, Estimate.		4,930	
Presidency.			
Saint Mary's Bridge near the Burial Ground, Estimate.	4,212		
Restoring Banks of the Cooum River, Estimate Rupees 8,580	4,000		
East and West upper rooms of the Dewan Khana, Estimate	17,640		
Foundry at the Mint, Estimate	13,220		
Carried forward.....	39,072	1,76,160	70,000

List of works in the Budget of 1860-1, &c.,—(*Continued.*)

Items in Budget.				Amount reduced or taken off.
		Rs.	Rs.	Rs.
	Brought forward.	39,072	1,76,160	70,000
3	Rebuilding Saint Thomé Caponniere of the Fortifications, Estimate.	Rs. 40,630		
	Allowed in Budget...	26,998		
4	Rebuilding Saint Thomé Ravelin, Estimate Rupees 75,000, in Budget	56,174		
5	South Lunette of Saint George's Ravelin, Estimate Rupees 48,630, in Budget... ...	58,630		
	Total in Budget...	1,21,802		
	To be reduced by.....	46,802		
			85,874	
	MYSORE.			
41	Foot Artillery Barracks, Estimate	1,06,600	50,000	
6	Cantonment roads at Bangalore, Estimate ...	16,000	7,000	
51	Quarters for the Medical Subordinates, Estimate ..		6,400	
			63,400	
	WELLINGTON.			
52	European Infantry Barracks, Estimate Rs. 13,43,960, allowed in Budget, Rupees 2,59,750, to be reduced by		54,643	
53	Punishment Shed, Estimate		3,270	
54	Barrack Serjeant's Quarters		4,800	
			62,713	
				3,88,147
	Total deduction from Budget Nos. 1 and 2 for new works			4,58,147
	Amount for Repairs in the Budget No. 3 ..	...31,49,449		
	Deduct grant to the Municipal Commissioners for roads at the Presidency, included in the above to be set apart in full	24,397		
		31,25,052		
	Add increased maintenance grant to Coonoor Ghát ...	3,600		
		31,28,652		
	To be reduced by 18 per cent. to	...25,65,194		
	Total deduction from Repairs			5,63,158
	Grand Total of deduction from new works and repairs			10,21,305
	Deduct provision to be made for the following road leading to the Wainad Country	30,000		
	Coonoor Ghát	15,000		
	Increased maintenance for Coonoor Ghát, being difference between Rupees 5,000 and Rupees 1,400 now in the Budget No. 3...	3,600		
	Widening the Krishna Channels, sanctioned 19th April 1860, No. 708...	43,110		
	Cuddapah and Madras Road, portion of Estimate of Rupees 1,28,237...	25,000		
	Repairs to the Chinna Orapaud Tank in Cuddapah, ...	17,000		
	Special repairs to works damaged in Cuddapah	13,000		
			1,46,710	
	South front of Upper Story to the Dewan Khana.....		14,000	
	European Barracks at Waltair		50,000	
	Temporary Barracks for a Detachment of Horse Artillery at Cannanore, including Stables...		9,695	
				2,21,305
	Leaves a net reduction of Rupees			8,00,000

Central Office of P. W.,
Chepauk, 19th July 1860.

(Signed) W. H. HORSLEY, Lieut.-Colonel,
Chief Engineer.

Statement of the reduced allotment for new Works and Repairs for the year 1860-1.

	Districts.	New Works.	Repairs.	Total.	Works in progress and not completed on the 30th April 1860.	Total of each District.	
		Rs.	Rs.	Rs.	Rs.	Rs.	
1	Ganjam...	21,495	54,259	75,754	223	75,977	Corrected with reference to Orders of Government, No. 1,477, dated 10th July 1860.
	Vizagapatam... ...	59,347	30,817	90,164	2,877	93,041	
	Godavery... ...	32,539	2,63,781	2,96,320	2,780	2,99,100	
	Krishna...	2,28,389	1,52,185	3,80,574	1,812	3,82,386	
5	Nellore...	1,14,192	2,50,846	3,65,038	17,535	3,82,573	
	Cuddapah...	48,381	1,29,167	1,77,548	8,531	1,86,079	
	Bellary...	48,252	1,49,838	1,98,090	1,136	1,99,226	
	Kurnool...	28,030	61,362	89,392	3,779	93,171	
	Madras...	62,194	1,76,223	2,35,417	3,171	2,38,588	
10	North Arcot... ...	41,295	1,23,440	1,64,735	.....	1,64,735	
	South Arcot... ...	10,562	1,20,971	1,31,533	.....	1,31,533	
	Tanjore...	467	2,61,174	2,61,641	26,679	2,88,320	
	Trichinopoly... ...	46,125	1,26,793	1,72,918	21,851	1,94,769	
	Madura...	31,868	79,763	1,11,631	5,734	1,17,365	
15	Tinnevelly..... ...	.....	1,06,111	1,06,111	936	1,07,047	
	Coimbatore... ...	41,309	1,02,420	1,43,729	13,504	1,57,233	
	Salem...	40,470	1,06,084	1,46,554	16,278	1,62,832	
	North Canara... ...	49,370	*83,109	1,40,826	1,552	*1,34,031	
	South Canara... ...	4,157	*33,870	29,680	1,383	*39,410	
20	Malabar..... ...	1,55,708	33,966	1,89,674	3,632	1,93,306	
	Presidency... ...	4,70,572	1,33,250	6,03,822	29,344	6,33,166	
	Municipal Commissioners.	.....	24,397	24,397	.....	24,397	
	Mysore...	2,33,100	13,284	2,46,384	10,780	2,57,164	
	Wellington.	2,37,287	5,781	2,43,068	.....	2,43,068	
	Total...	20,05,109	26,19,891	46,25,000	1,73,517	47,98,517	

(Signed) W. H. HORSLEY, Lieut.-Colonel.
Chief Engineer.

Central Office of P. W., Chepauk,
19th July 1860.

From Lieutenant-Colonel W. H. HORSLEY, Chief Engineer, to J. D. BOURDILLON, Esq., Secretary to Government, dated Chepauk, 18th August 1860, No. 3,905.

SIR,

1. In reply to the Orders of this Government, No. 1,608, dated the 28th ultimo, passed on a letter from the Secretary to the Government of India, dated the 20th idem, No. 3,634, I have the honor to submit the following proposals for carrying into effect the reduction of Rupees 5 lacs now ordered, in addition to the 8 lacs of Rupees previously reduced and reported upon in my letter of the 19th July 1860, No. 2,793.

1 Statement of sums to be authorized for each District.
1 Letter from Executive Engineer, Bangalore, dated 3rd August 1860.

2. The Government of India have ruled that the above reduction should fall on Military works, and a list of the particular works, which in their opinion may be stopped to obtain the 5 lacs of Rupees, is furnished by that Government, but of the works in this list, several have been already included in the first reduction proposed in my letter of the 19th July 1860, and these amount to Rupees 1,80,215, as shown by the note* in the margin. Other works in the above list are considered by His

* Reductions first made.

	Rs.
Fortifications of Fort Saint George.....	46,802
School room at Bellary	18,080
Apothecary's Quarters, Kurnool.....	2,850
Do. at Pootoor.....	3,210
Do. at Cannanore.....	4,950
Do. at Bangalore.....	9,400
Do. at Bellary.....	10,700
Foot Artillery Barracks, Bangalore.....	25,000
Works at Wellington.....	62,713
Total.....	1,80,215

* Works considered urgent.

	Rs.
Married Men's Quarters, Bellary	15,000
Out-houses to Hospital at do.	5,650
Eastern range of buildings at St. Thomas' Mount.	22,700
Improvements to Magazine at Cannanore	963
Do. to Foot Artillery Barracks, Bangalore	25,000
New Lingoon Barracks, Bangalore	62,000
Married Men's Quarters, do.	25,000
Do. for Artillery do.	16,100
Watercourse No. 1, Wellington	4,070
Stone drainage, do.	7,000
Punishment Shed	3,270
Military Prison	11,924
Total	1,98,177

Excellency the Commander-in-Chief of such urgency that they cannot be postponed. These are noted in the Order of Government under reply, and amount, as shown in the margin*, to Rupees 1,98,177. What remains of the Military works recommended to be postponed is, therefore, much smaller than anticipated by the Government of India, and this necessitates a further reduction against works of improvement, &c.

3. The following sums are proposed to be reduced in addition to those noted in paragraph 16 of my letter of the 19th July 1860.

From Military works.		Rs.
Fortifications of Fort Saint George		60,000
Hospital at Pootoor		2,390
Racket Courts at Calicut and Mallapooram		8,000
Military works at Bangalore to be reduced from Rs. 2,46,384 to Rs. 2,20,000		26,384
Do. at Wellington to be reduced from Rs. 2,43,068 to Rs. 1,32,753		1,10,315
		2,07,089
Works of Improvement.		
Krishna.		
Widening Main Channels	43,110	
Presidency.		
Engineer Yard and Workshop from Rs. 45,220	20,000	
To be taken from the different works at the Presidency	70,000	
To be obtained from the Fund for unforeseen works	1,09,801	
		2,42,911
		4,50,000
Repairs.		
Nellore	30,000	
Kurnool	10,000	
Tinnevelly	10,000	
		50,000
Total		5,00,000

	Rs.
Reduced previously	46,502
Now proposed	60,000
Remains	1,23,329
Total	2,30,131

† Vide Order of Government, No. 1,736, dated 15th August 1860.

4. For the Fortifications of Fort Saint George, a sum of Rupees 1,23,329 will still remain for expenditure in the current year, which is considered sufficient to carry on the works now in progress, without taking in hand those detailed in my letter of the 19th July† 1860, No. 2,806, which may be deferred to next year. Besides this reduction of Rupees 60,000 from the Presidency, Rupees 20,000 is proposed to be taken off from the allowance of Rupees 45,220 for the Presidency Store and Work yard, as this work was not commenced in the beginning of the current year on account of the site not having been made over to this Department. A further reduction of Rupees 70,000, making in all Rupees 1,50,000, is recommended from the allowance for the Presidency works, to be obtained, not from any particular work to be postponed, but by a general diminution of the outlay at the Presidency, as it is believed that the District Engineer will not be able to spend all that was first allowed, for both the Civil Architect and the Garrison Engineer. If the reduction proposed is approved, Rupees 4,83,166 will remain for expenditure on the Presidency works. By the reduced allotment previously made, Rupees 6,03,822 were placed at the disposal of the District Engineer, Presidency, for new works and repairs, besides Rupees 29,344 for expenditure on unforeseen works; whereas, the expenditure in the last official year by both Officers amounted to only Rupees 4,92,951.

5. Before recommending any large reduction in the expenditure on Military works at Bangalore, I requested the Executive Engineer there to inform me of the exact amount which he would probably be able to spend in the current year. His expenditure in last year fell short of the allowance for it by Rupees 22,878, and the expenditure in the two previous years was much less than in the past. The Executive Engineer has explained that he can spend fully Rupees 2,20,000 this year, and details in his letter* which is herewith forwarded, the works which will probably be finished by the 30th April 1860, by the above outlay, and this sum has been set down for the Executive Engineer, the difference between it and the amount previously allowed being thus obtained as an addition to the saving in Military works.

1859-60	Rs.
Allowed	2,05,000
Spent	1,82,122
Unspent	22,878

Expenditure.	
1857-8	1,08,435
1858-9	1,21,279

* No. 161, dated 3rd August 1860.

	Rs.
Previously allowed	2,46,384
Now to be given	2,20,000
	26,384

6. I should here remark that the item of Rupees 25,000 for improving the Foot Artillery Barracks (one of those referred to in the Government Order under reply), is a moiety of the sum entered in the Budget for 1860-1,* for expenditure on this work, which has not been commenced, and is one of the Military works recommended in paragraph 16 of my letter of the 19th July 1860 to be postponed on account of the first reduction made, in which the entire sum of Rupees 50,000 is included. The Executive Engineer has been called upon, with reference to the above and other similar works which may not have been commenced already, to report on the suggestion in paragraph 2 of the Order of Government of the 28th July 1860, "that temporary buildings may be substituted for the permanent structures intended for the accommodation of Troops," but I fear that it is not possible to effect any sensible saving in the current year by the adoption of such a suggestion, as almost all the Military works for which provision is made in the present Budget are permanent buildings in progress, and which should be completed in the style originally commenced. For the future such a plan may be held in view in reporting upon new projects for accommodation for Troops, and the Government are aware that the proposed Barracks at Waltair for a European Regiment have been recommended to be constructed on the principle of a temporary structure on permanent foundations, in order to reduce the large outlay which would otherwise be necessary.

* Item No. 44, Estimate Rupees 1,00,000.

7. A large sum is proposed to be taken from the amount now at the disposal of the Special Executive Engineer at Wellington, but this is in consequence of the altered circumstances of the station, whereby such an outlay as was originally contemplated is not at present required. In the printed Budget, Rupees 3,07,050 was at first allowed for the works at Wellington, and this was reduced to Rupees 2,43,068 to carry out the reduction of 8 lacs previously ordered. The latter sum is the exact balance of the several Estimates of works in progress, and was fixed with reference to a list of these works received from the Executive Engineer, dated the 4th May 1860. This list, however, includes provision for the completion of the Military Prison and the No. 4 Range of the Barracks, which are both now unnecessary.

8. As respects the Military Prison, it has been already declared by His Excellency the Commander-in-Chief to be unnecessary now that it is determined that Wellington is not to be a station for a European Regiment, but simply a Sanitarium. It appears to have been inadvertently included in the list of urgent works which cannot be postponed, attached to the Order of Government of the 28th July 1860, but as its necessity has been over-ruled, the provision for it of Rupees 32,913 in the sum now at the disposal of Captain Farewell is considered unnecessary.

From Quarter Master General, No. 1,607, dated 10th May 1860.

9. The first floor of the No. 4 Range of Barracks has been completed and was thatched for the purpose of being used as a Mess House, School and Church. It being unnecessary to disturb this arrangement at present, and as the temporary use of the building can be continued throughout the year at a small expense, it is proposed to do no work on it this year, which the Executive Engineer has been warned of. He has intimated that this building has not been recommenced, though materials to a small amount have been already procured with that view.

		Rs.
Married Quarters..	..	4,152
School and Library ..	...	5,114
Bridge Road and Road	..	3,426
Drainage of Square..	..	13,106
Do. of Roof..	...	3,211
Staff Quarters.. ...	...	3,806
Water Service Pipes...	...	977
Water cooler..	..	2,257
Market shed.. ...	..	1,383
Minor Works.. ..	..	2,018
Establishment.. ..	...	2,476
Total..		47,087

This stoppage of the No. 4 Range of Barracks and the Military Prison will bring about a saving of Rupees 1,10,315 in the expenditure on the works at Wellington, and will still leave the Executive Engineer enough to finish the several works now in progress, for which small balances only remained unspent on the 31st July 1860, and these works, which are noted in the margin, he has been requested to complete as early as possible, so that the buildings may be quickly brought into use, and the Establishment maintained on the Barrack works reduced within moderate limits.

10. No other Military works in the list of the Government of India can be stopped now, except the Racket Courts at Calicut and Mallapooram and the Hospital at Pootoor, and the balances available for these works are included in the present proposed reduction.

11. The only other sum which can be obtained by the postponement of a work of improvement is the amount sanctioned for widening the main Channels from the Krishna, which, although a very important work and one which I regret very much being obliged to postpone, must nevertheless give way to the exigencies of the State. The District Engineer may perhaps be able, by an economical disposal of the funds allotted to him for repairs, to do something towards increasing the supply of water to the lands on the Masulipatam side of the river, for which he has lately submitted a project, which will shortly be laid before Government.

12. From the Districts noted in the margin, I propose to obtain Rupees 50,000 by still further reducing the allowance for repairs, which, notwithstanding the deduction of 18 per cent., will yet leave enough for outlay in this year provided no serious accidents occur. But all these reductions together do not provide for the full sum required to be diminished in this year's outlay. To obtain this, it is necessary to reduce the amount set apart for unforeseen expenditure by a sum of Rupees 1,09,801. In the Statement which accompanied my letter of the 19th July 1860, it was shown that Rupees 1,73,517 are to be set aside for works in progress and not completed on the 30th April 1860, out of the 3½ lacs provided for emergent outlay in 1860-1. This left Rs. 2,01,483 at the disposal of Government for emergent works and Supplemental Estimates, of which Rupees 65,140 have already been sanctioned to be spent on different works to be undertaken this year. There will then remain only Rupees 1,36,343, of which I propose that Rupees 1,09,801 be given to make up 5 lacs required to be reduced, and the small balance which will then be on hand will suffice to cover expenditure in any really emergent work which may be needed during this year.

	Rs.
Nellore.. ..	.. 20,000
Kurnool	.. 10,000
Tinnevelly.. ..	.. 10,000
Total..	50,000

Rs.
3,75,000
1,73,517
2,01,483

Rs.
2,01,483
65,140
1,36,343
1,09,801
26,542 remains.

13. The provision of Rupees 50,000 made in the last revision of the Budget, for the temporary European Barracks at Waltair, referred to in paragraph 26 of my letter of the 19th July last, should, I consider, be retained, notwithstanding that Estimates for this work have not yet been submitted, as His Excellency the Commander-in-Chief is desirous that this work, as well as the tank proposed to be made for the supply of the Barracks, should be commenced in the current year. I regret that I have been unable to provide for the latter work, but should it be authorized to be proceeded with in this year, it is not likely that work will commence until about January of next year, by which time this Office will be able to ascertain in what Districts the outlay on works may have fallen short of the provision made for them, and from such, a transfer may be then made of a sufficient sum to commence work with.

14. Under the arrangements now proposed for the carrying out of the further reduction ordered by the Government of India, it is not possible that any provision can be made this year for the commencement of the Junction Canal between the Adyar and Cooum Rivers, as recommended in paragraph 28 of my letter of the 19th July 1860. This work must, therefore, be deferred to next year.

15. In paragraphs 32 and 33 of the letter to Government above referred to, it was recommended that the special authority of the Government of India should be obtained for the two sums of Rupees 27,031 and Rupees 10,000 required for the Upper Godavery works and the Kaiga Ghát, being allowed to be spent this year as extra to the reduced allotment. If, however, the application which has been made by this Government to the Government of India for a special grant of Rupees 3 lacs for the Upper Godavery works be complied with, it will not be necessary to apply for the former of the above two sums, but only for the latter. As regards the two works noted in the margin which are referred to in paragraph 31 of the letter to Government alluded to above, I consider that the sanction already given by the Government of India should be considered as extra to the allowance of Rupees 45 lacs for this year.

	Rs
Ponnyar Anicut, Estimate	61,000
Railway Feeders in Salem, Estimate.....	45,343

16. I beg to forward a revised Statement in lieu of that submitted in the letter of the 19th July 1860, showing the amount which should be authorized to be placed to the credit of each District Engineer and Executive Officer, if the reductions now recommended are approved of by Government.

Statement of the reduced allotment for new Works and Repairs for the year 1860-1.

Districts.	New works.	Repairs.	Total.	Works in progress and not completed on the 30th April 1860, and emergent works sanctioned up to 15th August 1860.	Total of each District.
	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam...	21,491	54,259	75,754	5,223	80,977
Vizagapatam	59,347	30,817	90,164	7,257	97,421
Godavery	32,639	2,63,781	2,96,320	2,780	2,99,100
Kristna	1,85,279	1,52,185	3,37,464	1,812	3,39,276
Nellore	1,14,192	2,20,846	3,35,038	20,135	3,55,173
Cuddapah	48,381	1,29,167	1,77,548	12,251	1,89,799
Bellary	48,252	1,49,838	1,98,090	9,876	2,07,966
Kurnool	28,030	51,362	79,392	3,779	83,171
Madras	62,194	1,73,223	2,35,417	7,071	2,42,488
North Arcot	41,295	1,23,440	1,64,735	.....	1,64,735
South Arcot	10,562	1,20,971	1,31,533	.....	1,31,533
Tanjore	467	2,61,174	2,61,641	26,679	2,88,320
Trichinopoly	43,735	1,26,793	1,70,528	21,851	1,92,379
Madura	31,868	79,763	1,11,631	5,734	1,17,365
Tinnevelly	.....	96,111	96,111	936	97,047
Combatore	41,309	1,02,420	1,43,729	21,504	1,65,233
Salem	40,470	1,06,084	1,46,554	16,278	1,62,832
North Canara	49,370	83,109	1,32,479	16,052	1,48,531
South Canara	4,157	33,870	38,027	1,383	39,410
Malabar	1,47,708	33,966	1,81,674	13,062	1,94,736
Presidency	3,20,572	1,33,250	4,53,822	29,344	4,83,166
Municipal Commissioners	.....	24,397	24,397	.....	24,397
Mysore	2,06,716	13,284	2,20,000	14,009	2,34,009
Wellington	1,26,972	5,781	1,32,753	1,150	1,33,903
Upper Godavery	.....	.....	.....	491	491
Total.....	16,64,910	25,69,891	42,34,801	2,38,657	44,73,458

(Signed) W. H. HORSLEY, Lieut.-Colonel,
Chief Engineer.

Central Office of Public Works,
Chepauk,
18th August 1860.

ORDER THEREON, 13th September 1860, No. 1,913.

1. With his letter of the 19th July, the Chief Engineer submitted a scheme of reductions on the Budget of the current year, to meet the reduction of eight lacks on the total amount, ordered by the Government of India in Captain Dickens' letter of the 2nd May. He also replied to the remarks of that Government on certain points in the Budget, particularly as to the large amount allowed for repairs, and the heavy cost of the Establishments.

2. While that letter was under consideration this Government received a second order from the Government of India, (letter dated July 20th,) directing a further diminution of five lacks in the Public Works expenditure. Colonel Horsley's second letter above recorded, contains his proposals for carrying out that order.

3. The reductions proposed by Colonel Horsley are exhibited in paragraph 16 of the first letter, and paragraph 3 of the second. The Government approve the scheme, as detailed in these paragraphs, and Colonel Horsley will be requested to issue the necessary orders to the District Officers for giving effect to it

4. The Accountant General will also be apprised of the changes thus made necessary in the allotment of funds to the several Districts. The revised allotment will be the following, which will supersede that communicated to the Accountant General in the Order of Government of February 21st 1860, No. 381.

Districts.	For new works and repairs as per Statement No. 4.	Works in progress and not completed on the 30th April 1860, and emergent works sanctioned up to 15th August 1860.	Total.
	Rs.	Rs.	Rs.
Ganjam...	75,754	5,223	80,977
Vizagapatam...	90,164	7,257	97,421
Godavery...	2,96,320	2,780	2,99,100
Krishna...	3,37,464	1,812	3,39,276
Nellore...	3,35,038	20,135	3,55,173
Cuddapah...	1,77,548	12,251	1,89,799
Bellary...	1,98,090	9,876	2,07,966
Kurnool...	79,392	3,779	83,171
Madras...	2,35,417	7,071	2,42,488
North Arcot...	1,64,735	.....	1,64,735
South Arcot...	1,31,533	.....	1,31,533
Tanjore...	2,61,641	26,679	2,88,320
Trichinopoly...	1,70,528	21,851	1,92,379
Madura...	1,11,631	5,734	1,17,365
Tinnevelly...	96,111	936	97,047
Coimbatore...	1,43,729	21,504	1,65,233
Salem...	1,46,554	16,278	1,62,832
North Canara...	1,32,479	16,052	1,48,531
South Canara...	38,027	1,383	39,410
Malabar...	1,81,674	13,062	1,94,736
Presidency...	4,53,822	29,314	4,83,166
Municipal Commissioners...	24,397	.....	24,397
Mysore...	2,20,000	14,009	2,34,009
Wellington...	1,32,753	1,150	1,33,903
Upper Godavery ..	.....	491	491
	42,34,801	2,38,657	44,73,458

5. A copy of the Chief Engineer's letters will be transmitted to the Government of India whose attention will be called to paragraphs 2 to 15 of the letter of the 19th July as containing a reply to their remarks in paragraphs 4 to 17 and 23 of Captain Dickens' letter of the 2nd May.

6. The oversight noticed by the Chief Engineer in paragraph 17 was pointed out to the Government of India in a letter dated May 11th 1860, No. 987.

	Rs.
* Punniar Anicut in South Arcot sanctioned by the Government of India in letter February 7th 1860, No. 701	61,000
Railway feeders in Salem sanctioned by the same authority in letter dated February 15th 1860, No. 927 ; Estimate Rupees 63,381 unexpended portion	30,000

7. The two works* referred to in paragraph 31 of the earlier letter, and in paragraph 15 of the later, having been sanctioned by the Government of India as extra to the allowance of 67 lacks, both for the past and the present year, no further application for sanction is necessary in their case. The sums stated by the Chief Engineer to be necessary for expenditure on these works in the current year, viz. for the Punniar Anicut..... Rs. 30,000 and for the Salem Railway feeders..... ,, 30,000 will be disbursed by the Collectors of South Arcot and Salem in excess of the sums specified above in the Statement in paragraph 4.

8. Application will be made to the Government of India as requested in paragraph 15 of the letter of August 15th, to allow the Trace over the Kaiga Ghât to be regarded as extra to the amount allowed for the expenditure of the year. The estimated cost of the Trace is only 10,000 Rupees.

9. Agreeably to the request contained in paragraph 34 of Colonel Horsley's letter of the 19th July the Government authorize the District Engineers, with the concurrence of the Collectors, to alter the distribution of the sum now assigned for new works and repairs; provided that the whole amount assigned to each District is not exceeded, and that the rules regarding the sanctioning of works is strictly adhered to.

(True Extract.)

Secretary to Government.

To the Chief Engineer.
" Accountant General.
" Military Department.
" Public do.
" Judicial do.
" Financial (Railway) do.
" Board of Revenue.

Fxd. T. O'Connor.

Judicial 1850 Dept

Proc: of Govt in the
Ct. of Sp. for Dr. of 1713.

Ap. 13th } Sept. 1860.
Ap. 14th }

Dr. 1717.

Comg the Order passed
on a letter from the Chief
Justice & submitting a
Scheme of Reductions in
the Budget of the Current
Year to meet the reduc-
tion of Establishments on the Islands
Annexed & Recorded
Govt of India
Wellesley 15 Dispatch &c

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