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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 405 Press ~~Mis.~~

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G.O. No 406-36 PWD. 1.2.1866

Proceedings of the Madras Government, Public Works Department,
1st February 1866.

Read the following papers:—

No. 39. From the Secretary to the Board of Revenue.
Submitting a Statement of Irrigation works, &c. | (Here enter 29th November 1865, No. 7,625.)

No. 40. From the Collector of Ganjam.
Do. do. do. | (Here enter 21st November 1865, No. 2,603.)

No. 41. From the Collector of Godavery.
Do. do. do. | (Here enter 25th November 1865, No. 303.)

No. 42. From the Collector of Kistna.
Do. do. do. | (Here enter 24th November 1865, No. 245.)

No. 43. Proceedings of the Board of Revenue.
Do. do. do. | (Here enter 20th December 1865, No. 8,194.)

No. 44. From the Collector of Kurnool.
Do. do. do. | (Here enter 16th December 1865, No. 182.)

No. 45. From the Collector of Bellary.
Do. do. do. | (Here enter 21st December 1865.)

No. 46. Proceedings of the Board of Revenue.
Do. do. do. (Here enter 4th December 1865, No. 7,728.)

No. 47. Proceedings of the Board of Revenue.
Do. do. do. | (Here enter 9th December 1865, No. 7,805.)

No. 48. Proceedings of the Board of Revenue.
Do. do. do. | (Here enter 29th November 1865, No. 7,610A.)

No. 49. From the Superintending Engineer, 1st Division.
Submitting Budget Lists for 1866-67. | (Here enter 8th November 1865, No. 1,650.)

No. 50. From the Superintending Engineer, 2nd Division.
Do. do. | (Here enter 25th October 1865.)

No. 51. From the Superintending Engineer, 3rd Division.
Do. do. | (Here enter 22nd November 1865.)

No. 52. From the Superintending Engineer, 4th Division.
Do. do. | (Here enter 15th November 1865.)

No. 53. From the Collector of South Arcot.
Submitting Budget Lists for 1866-67, for South Arcot. } (Here enter 27th November 1865, No. 86.)

No. 54. From the Superintending Engineer, 5th Division.
Submitting Budget Lists for 1866-67, for Salem and Bangalore. } (Here enter 8th November 1865.)

No. 55. From the Superintending Engineer, 6th Division.
Submitting Budget Lists for 1866-67. | (Here enter 5th December 1865, No. 1,520.)

No. 56. From the Superintending Engineer, 7th Division.
Do. do. | (Here enter 22nd November 1865.)

No. 57. From the Superintending Engineer, 8th Division.
Do. do. | (Here enter 1st November 1865, No. 1,508.)

No. 58. From the Consulting Engineer, Irrigation and Canal Company.
Submitting Budget Statement for 1866-67. | (Here enter 20th November 1865, No. 119.)

No. 59. From the Inspector General of Mofussil Police.
Submitting Budget List of the Police works for 1866-67. } (Here enter 21st December 1865, No. 2,419.)

No. 60. From the Director of Public Instruction.
Submitting Educational Building Fund Budget for 1866-67. } (Here enter 28th December 1865.)

No. 61. From the Controller of Public Works Accounts.
Submitting Budget of Salaries for 1866-67. | (Here enter 12th January 1866, No. 2,753.)

No. 62. From the Officer in charge of the Public Works Store Department.
Submitting Statement of the probable requirements during 1866-67 under the head "Tools and Plant." } (Here enter 16th January 1866, No. 1,212.)

J. D'Sims
Clerk

No. 63. From the Municipal Commissioners.

Submitting Budget of works to be executed in 1866-67. (Here enter 31st October 1865.)

Read again letter from the Consulting Engineer for Railways, recorded in Proceedings No. 3,557, dated 23rd November 1865.

No. 64. ORDER THEREON, 1st February 1866, No. 405.

ACCOUNT, No. 6.

1. The Imperial allotment for Public Works in this Presidency for the year 1866-67 is Rupees 69 lacs,* which has been distributed as follows :—

* See G. O., No. 3,492, dated 18th November 1865.

	RS.
Military Works	10,00,000
Civil Buildings, Agricultural works, Communications, and Works of Miscellaneous Public Improvement	39,51,706
Establishments	17,98,294
Tools and Plant	1,50,000

2. The grant for Military Works is not transferable to any other object, that for Civil Works includes *State Expenditure* in connection with the works of the Madras Irrigation and Canal Company, but is irrespective of the outlay from *State Funds* on guaranteed Railways.

3. The demands on account of works other than Military, as set forth in the Budget Statements which are recorded at the head of these Proceedings, amount to Rupees 79,93,733 (Rupees 50,43,010 for *New Works* and Rupees 29,50,723 for *Repairs*) being Rupees 40,42,027 in excess of the available funds.*

*Rupees 38,93,634, after deducting State expenditure on the works of the Irrigation Company ; viz.:—

		RS.
For New Works other than Military...		10,92,634
For Reserve	do.	5,34,000
For Repairs	do.	22,67,000

	RS.
† 1860-61 ...	7,71,636
1861-62 ...	4,88,379
1862-63 ...	4,67,275
1863-64 ...	6,10,584
1864-65 ...	8,65,518

	RS.
‡ New Works	7,17,000
Reserve	1,50,000
Repairs	1,33,000
Total...	10,00,000

being Rupees 1,33,967 in excess of the current year's grant.

4. The grants which have been applied for under "Military" amount, in the aggregate, to a sum far above that which has been allotted by the Government of India ; but His Excellency in Council is satisfied, after carefully watching the outlay on Military Buildings during the past five years,† and the difficulties which have been experienced in laying out an unusually large assignment on that class of works, that it would be useless to provide more than 10 lacs‡ in the out-going Budget, more especially as the grant under "*Military*" is not available for appropriation to Works of Public Improvement, nor for increasing the assignments under other heads.

5. After deducting the probable outlay (Rupees 58,072) from *State Funds* in connection with the works of the Madras Irrigation and Canal Company, and the requirements under the heads "Tools and Plant,"* and "Establishments,"† the balance which is available for New

* Rupees 1,50,000
† ,, 17,98,294

Works and Repairs under all heads is Rupees 43,93,634. Of this amount Rs. 24 lacs will be allotted for *Repairs*, leaving for Original Works Rupees 24,93,634, of which Rupees 6,84,000 will be set apart as the Reserve, Rupees 7,17,000 for Military Works and Rupees 10,92,634 for Civil Buildings and Works of Public Improvement.

6. The allotment for New Works has been distributed over the several Budget heads in the following proportions :—

Budget Heads.	Incomplete Works.		Works not yet commenced.		Total.		Reserve Fund.	Grand Total.
	No.	Amount provided.	No.	Amount provided.	No.	Amount provided.		
		RS.		RS.		RS.	RS.	RS.
Military...	9	4,54,175	28	2,62,825	37	7,17,000	1,50,000	8,67,000
Civil Buildings ...	14	1,80,826	14	40,100	28	2,20,926	1,29,000	3,49,926
Agricultural	24	3,02,122	...	.....	24	3,02,122	2,15,000	5,17,122
Communications ...	53	5,54,636	...	.....	53	5,54,636	1,40,000	6,94,636
Miscellaneous Public Improvements ...	3	14,950	...	.....	3	14,950	50,000	64,950
Total ...	103	15,06,709	42	3,02,925	145	18,09,634	6,84,000	24,93,634

7. The grant for Minor New Works, which are estimated to cost less than Rupees 500 each, has been fixed at Rupees 1 lac, as particularized below. This amount will be at the disposal of the Local Officers on the 1st May next, the balance of the Reserve, viz., Rupees 5,84,000, being at the disposal of Government, for appropriation to New Works under the Budget Rules :—

Districts.	Military.	Civil Buildings	Agricultural.	Communications.	Miscellaneous Public Improvements.	Total.
	RS.	Rs.	RS.	Rs.	RS.	Rs.
Ganjam	.....	.....	3,000	1,000	.....	4,000
Vizagapatam	.....	.....	2,000	1,000	.....	3,000
Godavery	.....	.....	5,000	.....	.....	5,000
Kistna...	.....	.....	6,000	.....	.....	6,000
Nellore	.....	.....	5,000	1,500	.....	6,500
Cuddapah	.....	.....	3,000	.....	.....	3,000
Kurnool	.....	.....	3,000	.....	.....	3,000
Bellary	3,000	.....	2,000	.....	.....	5,000
Presidency	1,000	3,000	.....	.....	.....	4,000
Madras	700	200	6,600	.....	.....	7,500
North Arcot	200	300	6,000	.....	.....	6,500
South Arcot	.....	600	6,000	400	.....	7,000
Salem	150	400	2,200	250	.....	3,000
Bangalore	4,000	.....	.....	.....	.....	4,000
Tanjore	.....	2,000	7,500	500	.....	10,000
Trichinopoly	1,500	500	5,500	500	.....	8,000
Coimbatore	500	500	500	1,500	.....	3,000
Malabar	500	.....	500	2,000	.....	3,000
South Canara	.....	.....	.....	2,000	.....	2,000
Madura	.....	750	1,800	700	.....	3,250
Tinnevelly	.....	750	1,800	700	.....	3,250
Total ...	11,550	9,000	67,400	12,050	.....	1,00,000

J. D'Fries
2nd Clerk

8 The grant of Rupees 24 lacs for Repairs has been appropriated as follows :—

	RS.
Military	1,33,000
Civil Buildings...	1,32,471
Agricultural	9,63,454
Communications	11,44,330
Miscellaneous Public Improvements.	26,745

* Rupees 18,38,850.

9. The allotment* for establishments includes the cost of Extra Temporary Establishments which were provided for up to the end of 1863-64 in the estimates for works, and of such of the conservancy establishments as remain under the orders of the Public Works Department, but it is exclusive of the amount* which will be debited to *Local Funds* on account of works which are proposed to be carried out from that source during the ensuing year through the agency of Public Works Officers.

* Rupees 40,556, viz :— Rupees 36,936 against Rupees 3,69,360, the estimated outlay from District Road Funds by Public Works Officers, and Rupees 3,620 against Rupees 36,200 which is the *fresh* provision from Educational Building Funds, the balance of the assignment being the amount which is not likely to be expended from the Budget allotment for the current year.

10. The Budget of Establishments exceeds the allotment† for 1865-66 by Rs. 2,25,850. This excess is chiefly attributable to the inclusion in the out-going Budget of a sum of Rupees 82,196 on account of Conservancy Establishments which were not provided for in the estimates for the current year; to the transfer of Rupees 68,835 from Part III. to Part IV. on account of Extra Establishments which were heretofore provided for in the Maintenance Grants for Roads, but have now to be separately entered in the Budget of Establishments; to the increased outlay which has resulted in the substitution, under the orders of the Government of India, of a daily travelling or mileage allowance for the system of fixed travelling allowances which was in operation until the 31st August 1865, and lastly to the enhanced cost of the Executive Establishments consequent upon the numbers in the higher grades in each class having been increased in accordance with the orders of the Government of India which were communicated in their Circular, No. 80, dated 23rd August last.

† Rupees 16,13,000.

11. The assignment under the head "Tools and Plant" has been allotted to the Districts and Departments concerned as shown below :—

Proceedings of the Madras Government, Public Works Department,
1st February 1866.

District or Department.	New Supplies.								Repairs and carriage from place to place.	Grand Total.
	Surveying and Mathematical Instruments.	Machinery.	Tools.	Plant.	Office furniture.	Camp equipage.	Live stock.	Total.		
Ganjam ...	...	...	...	...	...	..	...	...	1,000	1,000
Vizagapatam...	...	...	...	...	...	...	...	...	1,000	1,000
Godavery ...	...	...	...	...	...	...	...	...	2,700	2,700
Kistna ...	...	...	...	3,000	500	200	...	3,700	3,000	6,700
Nellore ...	...	...	500	1,500	300	500	...	2,800	600	3,400
Cuddapah ...	...	...	200	150	100	200	...	650	200	850
Kurnool ...	...	...	250	...	100	...	...	350	200	550
Bellary ...	..	...	250	...	100	...	...	350	300	650
Presidency ...	....	...	300	150	150	...	...	600	400	1,000
Madras ...	...	...	543	...	300	...	...	843	500	1,343
North Arcot...	...	...	200	...	150	...	...	350	200	550
South Arcot ...	...	...	500	150	100	...	...	750	150	900
Salem ...	...	...	500	...	200	200	...	900	450	1,350
Bangalore ...	....	...	...	...	...	...	...	...	...	...
Tanjore ...	...	...	300	...	100	200	...	600	1,567	2,167
Trichinopoly...	...	...	500	...	200	...	...	700	...	700
Coimbatore ...	...	...	2,800	...	100	450	300	3,650	1,100	4,750
Malabar ...	...	...	2,300	...	300	200	...	2,800	800	3,600
South Canara .	...	...	1,000	...	...	...	...	1,000	490	1,490
Madura ...	...	...	600	...	270	300	...	1,170	1,800	2,970
Tinnevelly ...	...	...	500	300	150	460	500	1,910	420	2,330
Total...	...	...	11,243	5,250	3,120	2,710	800	23,123	16,877	40,000
General Superintendent Public Works Store Department *Purchases* Rs. 10,000, *Carriage*, &c., Rs. 10,000, *Repairs* Rs. 10,000.	...	...	...	...	...	...	...	...	...	30,000
Supplies from England ...	...	...	...	...	...	...	...	...	...	80,000
Grand Total...	...	...	...	...	...	...	...	...	...	1,50,000

12. The expenditure which is proposed from Educational Building Funds by Public Works Officers is Rupees 79,366, viz. Rupees 72,221 for New Works, Rupees 3,525 for Repairs, and Rupees 3,620 for Establishments. The District Road Fund Budget, which reached the Government only on the 18th January, will be separately disposed of.

13. In preparing Part II. of the Budget the Government have adhered strictly to the principle of providing, in the first instance, for the continuance of operations on works which are in progress, and which are not likely to be com-

pleted during the current year. The sum which has been allotted from *Imperial* Funds for unfinished works is Rupees 15,06,709, and for works which it is proposed to commence on the 1st May next Rupees 3,02,925, distributed as follows:—

	Rs.
Military Works	7,17,000
Táluq and other Cutcherries appertaining to the Revenue Department	32,769
Salt Works	8,910
Court Houses	5,761
Jails	1,13,679
Police Buildings	36,853
Public Buildings	22,954
Irrigation Works	3,02,122
Communications including Salt Roads and Canals for the conveyance of Salt ...	5,54,636
Works classed under Miscellaneous Public Improvement	14,950

14. The amount which has been applied* for and allotted on account of Police Buildings is Rupees 35,460, viz., Rupees 31,500 for New Works, and Rupees 3,960 for Repairs. The whole of this grant will be expended by Officers of the Public Works Department.

*By the Inspector General of Police.

15. The Government of India having restricted the outlay from *Imperial* Funds on Travellers' Bungalows in this Presidency to Rupees 11,230, that amount has been distributed† over the several Divisions in the following proportions:—

† In Part III.

	Rs.
1st Division	1,404
2nd do.	1,404
3rd do.	1,404
4th do.	1,404
5th do.	1,404
6th do.	1,404
7th do.	1,403
8th do.	1,403

16. Any further sums that may be required for expenditure on Public Bungalows must be met from *Local Funds*.

17. The Board of Revenue estimate the requirements for the repair of Agricultural Works during 1866-67 at Rs. 20,96,723*. His Excellency in Council regrets that it has been found impossible, with due regard to the demands under other heads, to allot a larger grant than Rupees 9,63,454. The sum which

* Exclusive of Vizagapatam, and South Canara, from which Districts no reports have as yet been received.

has been applied for and assigned to each District for Irrigation repairs is noted in the following statement:—

Districts.	Total number of Irrigation Works.	Number requring repair.	Amount applied for by Board of Revenue.	Amount allotted.	Remarks.
			Rs.	Rs.	
Ganjam	2,780	401	30,795	14,600	
Vizagapatam	...	...	...	6,000	
Godavery	290	192	1,93,079	1,30,000	
Kistna	1,477	234	38,336	1,13,000	
Nellore	982	449	2,09,000	40,800	
Cuddapah	2,814	242	85,609	32,500	
Kurnool	403	123	35,000	20,500	
Bellary	2,237	234	1,24,748	64,700	
Presidency	...	...	...	2,000	
Madras	2,161	1,040	2,63,676	89,136	
North Arcot...	3,677	789	65,000	60,240	
South Arcot...	4,999	1,277	2,88,823	60,000	
Salem	2,744	1,067	1,83,172	20,500	
Bangalore	...	...	...	...	
Tanjore	3,901	1,298	2,06,773	1,14,000	
Trichinopoly	1,477	313	51,541	65,389	
Coimbatore...	384	169	1,22,111	36,000	
Malabar	2	2	2,500	1,350	
South Canara	...	...	...	...	
Madura	2,507	188	72,160	34,294	
Tinnevelly	2,477	437	1,23,400	58,445	
Total ...	35,312	8,455	20,96,723	9,63 454	

18. The Superintending Engineers will be careful to submit, early in 1866-67, the Statements of incomplete New Works (Imperial) in their respective Divisions, as well as the Returns required under paras. 19 and 22 of the Budget Orders for 1865-66.

G. O., No. 361, dated 7th February 1865.

19. The attention of the Superintending Engineers will be drawn to the following remarks.

Part II.—ORIGINAL WORKS.

20. Vizagapatam.—*Zillah Jail.*—The revised estimate for this work is Rupees 60,324, and not Rupees 60,509, as entered in the Superintending Engineer's Budget.

See G. O., No. 3,732, 9th December 1865.

21. Kistna.—*Widening the lower portion of the Poollairoo channel.*—The estimated cost of this work is entered as Rupees 98,710. This amount has been altered to Rupees 1,04,050, with reference to G. O., No. 3,581, dated 27th November 1865.

22. Nellore.—The estimated cost of *constructing an embankment along the right bank of the Pennair river* is entered in the Superintending Engineer's Budget at Rupees 13,450 with a proposal to expend Rupees 3,227 (the balance of the estimate) during 1866-67. It is observed from G. O., No. 1,835, dated 5th October 1861, that the sanctioned estimate is Rupees 13,410, which has accordingly

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Clerk

been inserted in the out-going Budget with an allotment of Rupees 3,187 for the ensuing year.

23. CUDDAPAH.—*Restoration of the Nagaveram Anicut.*—No provision has been made for this work in the out-going Budget; but the Board of Revenue, who were called upon in Proceedings No. 3,203, dated 25th October 1865, to supply certain information regarding the revenue under the anicut, will be requested to expedite the submission of their report.

24. PRESIDENCY.—The estimated cost of *laying a new set of pipes from the Seven Wells to the Fort* is entered in the Superintending Engineer's Budget at the amount* which was sanctioned for the work in G. O. No. 1,198, dated 3rd May 1865. Colonel Boileau's attention will be drawn to the Order under date the 5th July 1865, No. 1,875, which reduces the estimate from Rupees 53,780 to Rupees 51,800. Colonel Boileau will also consider whether, with reference to the orders of the 11th October and 3rd November 1865, Nos. 3,015 and 3,315 respectively, it would be advisable now to carry out this work.

* Rupees 53,780.

25. *Laying on water supply to the Bath-rooms of the Bandsmen in the Fort.*—G. O., No. 678, dated 10th March 1865, is quoted in support of this estimate, but on a reference to the Order in question, it is observed that the estimate to which sanction was accorded therein provides for the construction of Bath-rooms in the Lunettes of the Saint George's and Wallajah Ravelins of the Fort. The estimate for the former work was submitted to Government with the Superintending Engineer's letter No. 5,292, dated 20th January 1865, but on its being referred to the Barrack Master, that Officer brought to notice "the inexpediency of a water supply by pipes, as the future arrangements for the Band would probably remove the men from their present location." Colonel Boileau will now be requested to re-submit the plan and estimate, and on their receipt, it will be finally determined in the Military Department whether the work should be carried out.

26. The *Bakery and Mill house at Madras* are being proceeded with from funds which were allotted for the work in G. O., No. 3,683, dated 28th November 1865. The Superintending Engineer will be careful to see that the estimate, which was ordered to be re-submitted after verification, is laid before Government at an early date.

27. The proposals of the Superintending Engineer in connection with works, the construction or repair of which is to be undertaken from Local Funds of the 4th Division, should not have been brought forward in the Imperial Budget.

28. NORTH ARCOT.—*Improving the road from the Town of Tripatty to the Railway station and from thence to Calastry.*—The Superintending Engineer applies for the full amount of the estimate for expenditure in the ensuing year. The sum of Rupees 1,660, which has been already expended on the work, should have been entered in the column headed "Computed expenditure to 30th April 1866."

29. BANGALORE.—*Race Course Barracks.*—The estimated cost of this work is entered at Rupees 12,00,000, or more than double the amount which is entered in the current year's Budget. As the plans and estimates require the sanction of the

Government of India, the Superintending Engineer will expedite their submission, and he will be careful to see that they are laid before Government in as complete a form as possible.

30. The computed expenditure up to the 30th April 1866 on the *Ulsoor water supply project*, added to the allotment for 1866-67, exceeds the estimate by Rupees 12,736. The revised estimate, which has been for a very long time under preparation, should be submitted to Government without further delay, accompanied by full and clear explanation of the causes which have led to the large excess over the sanctioned amount.

31. *Buildings required for the introduction of Doctor Duff's Cooking ranges for the use of the European Troops.*—It having been determined that these buildings should be deferred pending the receipt of a report on an experiment which is being made of a simpler kind of range at Dugshai and of a new standard plan of cook houses, no funds have been allotted for them in the out-going Budget.

28th August 1865, No. 2,492.

32. *Alterations to Latrines at the New Dragoon Barracks to adapt them to the dry earth system.* The plans and estimates which are stated by the Superintending Engineer to have been forwarded to the Quarter Master General, were duly submitted to Government, and it was decided, in the Military Department, that orders thereon should be deferred, "pending the receipt of the report on the earth delivery apparatus, and the decision "of the Government of India on the adoption of the earth system of sewage generally."

See Public Works Proceedings, No. 3,165, 23rd October 1865.

33. *Additions to old Dragoon Barracks to fit them for occupation by a European Regiment.*—The Superintending Engineer states that the probable cost of this work will be Rupees 4,00,000; but as upon the estimate which was submitted by the Quarter Master General on the 5th December last, the Government sanctioned* an outlay of Rupees 1,05,200, that amount has been entered in the out-going Budget with a computed expenditure of Rupees 25,000† up to the 30th April 1866.

* G. O., No. 3,800, 19th December 1865.

† Rupees 20,000 already allotted; Rupees 5,000 promised later in the year.

34. TANJORE.—*Impovements to the new Salt pans at Tranquebar.*—The Superintending Engineer gives the estimated cost of this work at Rupees 5,720. In the Proceedings of Government No. 2,606, dated 7th September 1865, Rupees 2,000 were allotted for its commencement, and, on the supposition that the additional grant of Rupees 2,000, which was applied for in his letter No. 1,501, dated 1st December 1865, would be made during the current year, Captain Oakes enters Rupees 1,720 (the balance of the estimate) for expenditure in 1866-67. On reference to the order above quoted, the Government observe that the estimate which was submitted with the Proceedings of the Board of Revenue No. 5,047, dated

J. D. Sims 2nd Clerk

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19th August 1865, amounted to Rupees 5,910, and that it has been returned to the Superintending Engineer for revision. The revised estimate not having yet been laid before Government, the amount of the original estimate has been entered in the out-going Budget, and as the Superintending Engineer has been informed that the additional grant of Rupees 2,000 above mentioned cannot be placed at his disposal during the current year, Rupees 3,910 have been provided for expenditure on the work in 1866-67.

See G. O., No 3,799, dated 19th December 1865.

35. *Re-constructing the lower Coleroon Anicut.*—This work has been ordered* to be proceeded with in anticipation of an allotment of funds later in the year. Captain Oakes will submit the revised estimate at an early date.

*See G. O., No. 3,799, dated 19th December 1865, para. 3.

36. COIMBATORE.—Rupees 50,000, 9,000 and 15,000 respectively have been provided in the out-going Budget for the *Central Jail*, and the *new Taluq Cutcherry* at Coimbatore, and for the *Military Prison at Wellington*. The Superintending Engineer is requested to expedite the submission of the revised estimates which were called for in the orders noted in the margin. As the revised estimate for the Central Jail will exceed Rupees 2,20,000, it will be necessary, under the rules, to submit it for the sanction of the Government of India.

No. 2,824, 23rd September 1865.
" 3,332, 6th November "
" 3,762, 13th December "

37. *Lawrence Asylum Buildings.*—The estimate for this work is entered by the Superintending Engineer at Rupees 9,62,770. This has been altered to Rupees 9,61,067, which is the amount of the estimate submitted with Colonel Walker's letter recorded in G. O., No. 3,852, dated 22nd December 1865.

38. The estimated cost of the *new Goodaloor and Burghoor Ghats* is entered at Rupees 90,000 and 1,00,000 respectively. These sums have been altered to Rupees 81,400 and 73,100 with reference to the orders noted in the margin.

20th January 1866, No. 234.
12th do. " No. 162.

39. MALABAR.—*Post Offices at Vythery and Manantoddy.*—The estimate sanctioned for each of these works in G. O., No. 3,731, dated 8th December 1865, amounts to Rupees 3,200, and not Rupees 3,000 as entered in the Superintending Engineer's Budget.

40. SOUTH CANARA.—The estimate for the *bridge work on the road to connect Mangalore and Cannanore by Villa and Hossdroog* is entered at Rupees 48,500. This has been altered to Rupees 46,027, with reference to Colonel Walker's letter recorded in the Proceedings of Government No. 3,577, dated 27th November 1865.

PART III.—REPAIRS.

41. In preparing this part of the Budget, the Government have reduced the maintenance grants for roads which are entered in the current year's estimate by Rupees 68,835, being the amount chargeable as Extra Establishments to Part IV. of the Budget. It will be found, however, that in some cases the grants for the maintenance of roads are larger in the out-going Budget than those which were available during the current year, and that in others, maintenance grants have been provided, *for the first time*, in the Budget for the ensuing year. The Controller of Public Works Accounts will be requested to place himself in communication with the Superintending Engineers, and to report to Government whether any and what reductions can be made in these cases to cover the cost of extra establishments.

*See G. O., No. 83, dated 9th January 1866.

42. VIZAGAPATAM.—*Maintaining a portion of Jeypore road via Sengavarapoocottah and Kassepoor from Vizagapatam.* Rupees 2,500 are entered against Rupees 1,500 in the current year's Budget. The sanction of Government should be obtained, in due course, to the proposed increase.

43. KISTNA AND NELLORE.—Rupees 800, 1,600, and 1,600 are entered, for the first time, as maintenance grants for the undermentioned roads. These amounts will be allowed to stand, but the Superintending Engineer will be informed that they will not be available for expenditure without the special sanction of Government:—

Salt road to Inkole and Chinna Ganjam.
Road from Goodewada to Buntoomallay.
Road from Goodoor to Doogoorazpatam.

44. CUDDAPAH.—The maintenance grant which was sanctioned in G. O., No. 2,336, dated 11th August 1865, for the *road from Royachoti over the Sonepoy Ghat to the Cheyaur river* is Rupees 3,000, being at the rate of Rupees 150 per mile for twenty miles. The Superintending Engineer will report how it is that the road is entered in his Budget as being thirty miles long with a maintenance allowance of Rupees 100 per mile.

45. PRESIDENCY.—The Municipal Commissioners for the Town of Madras having been authorized to levy tolls on carriages and other vehicles under Sections 21 to 42 of Act IX. of 1865, from the 1st January 1866, and the Government of India having called upon this Government to take measures for charging to *funds derived from local sources* the cost of maintaining many, if not all, of the roads within Municipal limits at Madras, for which an annual grant of Rupees 35,897 has heretofore been provided from Imperial Funds, His Excellency in Council resolves to omit from the out-going Budget the items marginally noted, and to request the Municipal Commissioners to provide the necessary funds for these roads in their estimate for the ensuing year. The only roads at the Presidency for which maintenance grants will continue to be entered in the Imperial Budget are those over Government bridges and within the limits of Government compounds*.

	Rs.
Poonamallee road	12,007
Powder Mills do.	
South Beach do.	
Esplanade do.	
Mount road	8,000
Extra Establishment and Contingencies	2,040
Road from Marshall's road to Saint Andrews' bridge	600
Road from Marshall's road on the Coum river bank	250
Road along the east face of the Fortress	2,500
Road along the east and north wall of the Railway Terminus	2,000
[illegible]	[illegible]

* Rupees 9,246.

J. D. Sims
Clerk

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46. MADRAS.—Rupees 2,550 are proposed for re-metalling the "*Mint road.*"—No authority having been quoted in support of this entry, the Superintending Engineer will be requested to explain when and by whom the estimate was sanctioned, and whether the road appertains to the Madras District or to the Presidency.

47. Rupees 1,650 for *metalling and filling in ruts, &c., on the Ennore road.*—An estimate should be submitted for this work in due course.

48. The funds required for the repair of *Public Buildings at Saidapett and Guindy* are entered in the Superintending Engineer's Budget for the Presidency, instead of in that for the Madras District. The necessary transfer has been made in the Government Office.

49. *Maintenance of road from Poroor to Coonnatore.* Rupees 2,500.—See para. 43 above.

50. NORTH ARCOT.—Rupees 150 are provided for the maintenance of the *road from the Trivellam Railway station to Trunk Road No.* 10. The amount sanctioned in G. O., No. 3,290, dated 13th November 1863, is Rupees 500.

51. The Superintending Engineer has included, under the head "*Minor Repairs,*" Rupees 1,050 on account of Trunk Road No. 10, from the 71st to 75th mile. As this item forms a portion of the estimate* of Rupees 12,800 which is separately entered, it has been struck out of the Budget.

* Trunk Road No. 10, from Raneepett to the Mysore frontier beyond Palmanair.

52. Maintenance of road from *Pullipat to Kotarlapally* Rupees 700.—See paragraph 43 above.

53. The Superintending Engineer provides Rupees 4,600 for the maintenance of the *road from Tripatty to Calastry.* As the construction of this road has not yet sufficiently advanced, the Government consider it unnecessary to allot funds for its maintenance during the next year.

54. *Road from Arcot to Arnee.* Rupees 7,900 are entered for the maintenance of this road. The sum sanctioned by Government is Rupees 3,800, which has accordingly been provided.

G. O., No. 1,436, dated 29th May 1865.

55. SOUTH ARCOT.—The Superintending Engineer of the 5th Division applies for Rupees 7,100 for the *road from Tindivanum to the Salem frontier via Tirumallay* being Rupees 300 above the sanctioned amount. Colonel Foord will be informed that the excess will not be available until the estimate and traffic return which were called for in G. O., No. 3,182, dated 18th November 1865, shall have been received and orders passed thereon.

56. SALEM.—*Repair of the road from Salem to Senkerrydroog.*—Rupees 600, or Rupees 100 in excess of the sanctioned amount, are entered in the Superintending Engineer's Budget under the head "Minor Repairs." The remark in para. 42 above applies to this item.

57. TINNEVELLY.—The Superintending Engineer's remarks opposite to the items noted in the margin not being sufficiently intelligible, the grants have been entered as sanctioned by Government, less the provision for Extra Establishments.

Road No. 5, from Streevallyputtoor to Tuticorin.
Road from Shereedputty to Ettiapooram.

58. *Road No.* 8 *from Palamcottah to Tuticorin.*—Rupees 2,850 are proposed by the Superintending Engineer for the maintenance of this road, being Rupees 450 in excess of the current year's allotment on account of the additional three miles which have recently been completed. The excess has been allowed to stand, but the Superintending Engineer will submit an estimate for the proposed increase, as well as for the work noted in the margin which is included under the head "Minor Works."

Beach road at Tuticorin, Rupees 300.

59. *Maintaining Pearl Oyster Nursery at Tuticorin Rupees* 2,000.—This amount has been struck out of the Budget, with reference to the Orders of Government No. 58, dated 6th January 1866.

60. The Government request that in preparing this part of the Budget for future years, the Superintending Engineers will be careful to enter, in columns 4 and 5, the *Budget* allotment under each head, instead of the grant which is available at the time of the submission of the Budget.

PART IV.—ESTABLISHMENTS.

61. The Budget of Establishments, as submitted by the Controller of Public Works Accounts, amounts to Rupees 18,98,552, of which Rupees 2,84,388 are on account of "Travelling Allowance and Batta for Office Establishments." The Controller's estimate under this head appears to be unnecessarily high, and the Government are of opinion that it may be safely reduced to Rupees 2,24,686, as the Members of the Executive Establishment are not likely to draw *full travelling allowance,* at the present daily rates, for the *entire year,* and as most of the Táluq Overseers, it is believed, will draw *horse allowance,* in lieu of *travelling* allowance, under the operation of the orders of Government which are contained in para. 6 of their Proceedings No. 3,820, dated 20th December 1865.

62. By this alteration, the Budget of Establishments is reduced to Rupees 18,38,850, of which Rupees 36,936 are chargeable to District road, and Rs. 3,620 to Educational Building Funds. Should the actual charges on account of travelling allowance and batta for Office Establishments exceed the allotment under that head, the deficiency may be made up from savings which will always be effected on other parts of the Budget.

PART V.—TOOLS AND PLANT.

63. The estimates of the Superintending Engineers under the head "Tools and Plant" amount in the aggregate to Rupees 79,355. This has been reduced by Government to Rupees 40,000, which is the largest sum that can be spared for appropriation. The allotment for each District under the several sub-heads is noted in para. 11 of these Proceedings. The assignment of Rupees 30,000 to the Presidency Store Department will be available for expenditure under the following heads, in the proportion noted opposite to each :—

	RS.
Purchase	10,000
Repairs	10,000
Carriage, &c.	10,000

64. The following statement exhibits the amount which will be available in each District from Imperial and Educational Building Funds on the 1st May 1866:—

Districts.	Original Works.	Minor works estimated to cost less than 500 Rupees.	Repairs.	Tools and Plant.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam	65,484	4,000	67,237	1,000	1,37,719
Vizagapatam	58,379	8,000	53,827	1,000	1,21,406
Godavery	1,89,557	5,000	1,85,011	2,700	3,82,298
Kistna...	1,49,451	6,000	1,52,651	6,700	3,14,802
Nellore	67,491	6,500	93,630	3,400	1,71,021
Cuddapah	1,000	3,000	1,11,732	850	1,16,582
Kurnool	.....	3,000	60,000	550	63,550
Bellary	62,980	5,000	1,60,243	650	2,28,873
Presidency	1,39,490	4,000	63,814	1,000	2,07,804
Madras...	21,685	7,500	2,21,621	1,343	2,52,149
North Arcot	32,113	6,500	1,36,470	550	1,75,630
South Arcot	12,000	7,000	1,30,466	940	1,50,966
Salem	4,923	3,000	87,968	1,350	90,538
Bangalore	2,76,650	4,000	24,500	.....	3,05,150
Tanjore	53,940	10,000	2,06,827	2,167	2,72,904
Trichinopoly	26,600	8,000	1,30,240	700	1,65,540
Coimbatore	3,18,380	3,000	1,23,323	4,750	4,31,468
Malabar	5,17,020	3,000	96,589	3,600	6,20,509
South Canara	25,980	2,000	43,370	1,490	74,840
Madura...	34,920	3,250	1,01,216	2,970	1,41,696
Tinnevelly	25,060	3,250	1,30,229	2,330	1,61,509
Municipal Commissioners ...	.....	.....	9,246	.....	9,246
General Superintendent, Public Works Stores and Workshops.	.....	.....	.....	30,000	30,000
Total ...	18,81,855	1,00,000	24,03,525	70,000	44,55,380

65. The Superintending Engineers will be requested to expedite the submission of estimates for the works which are entered in the accompanying Statement; Nos. 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, and they will be careful to see that no 20, 21, 22, 23, 25, 32, 33, 50, 51, 53, expenditure is incurred on the items 54, 55, 56, 57, 59 and 60, of Part II of the marginally noted until the estimates shall Budget and Maintenance Grants to which have received the sanction of Government, formal sanction has not yet been accorded.

PART VI.—BUDGET OF STATE EXPENDITURE ON ACCOUNT OF GUARANTEED COMPANIES.

66. The sums which are proposed for expenditure from State Funds on Railways in this Presidency and on the works of the Madras Irrigation and Canal Company are as follows. The outlays on Railways will be irrespective of, and in addition to the grant of Rupees 60 lacs for Public Works:—

Guaranteed Companies.	For Establishments.	For tools and Plant.	Total.	Remarks.
	Rs.	Rs.	Rs.	
Railway Company	50,554	1,03,700	1,54,254	
Madras Irrigation and Canal Company ...	38,072	20,000	58,072	
Total ...	88,626	1,23,700	2,12,326	

67. Under the explanations with are afforded by the Consulting Engineer these entries will be allowed, to stand. The Budget of Establishments for the Consulting Engineer for Railways is the same as that which was considered by the Committee in the Order of the 23rd November last No. 3,557, a copy of which will now be furnished to the Controller of Public Works Accounts.

68. The following is a statement of the entire expenditure which is proposed from Imperial and Educational Building Funds during the ensuing year:—

Items.	Military.		Civil Buildings.		Agricultural.		Communications.		Miscellaneous Public Improvements		Total Imperial.	Total Educational Funds.	Grand Total.
	Imperial.	Educational Funds.	Imperial.	Educational Funds.	Imperial.	Educational Funds.	Imperial.	Educational Funds.	Imperial.	Educational Funds.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Part II.—New Works	7,17,000	.....	2,20,926	72,221	3,02,122	.....	5,54,636	.....	14,950	.....	18,09,634	72,221	18,81,855
Grant for Minor Works.	1,50,000	.....	1,29,000	.....	2,15,000	.....	1,40,000	.....	50,000	.....	6,84,000	.....	6,84,000
Part III.—Repairs ...	1,33,000	.....	1,32,471	3,525	9,63,454	.....	11,44,330	.....	26,745	.....	24,00,000	3,525	24,03,525
Total for New Works and Repairs... ...	10,00,000	.....	4,82,397	75,746	14,80,576	.....	18,38,966	.....	91,695	.....	48,93,634	75,746	49,69,380
PartIV.—Establishments	...	.....	...	.....	...	.....	...	.....	...	.....	17,98,294	3,620	*18,01,914
Part V.—Tools and Plant	...	.....	...	.....	...	.....	...	.....	...	.....	...	.....	1,50,000
Part VI.—State Expenditure on Railways ...	...	.....	...	.....	...	.....	...	.....	...	.....	...	.....	1,54,254
Do. on works of Madras Irrigation and Canal Company ...	...	.....	...	.....	...	.....	...	.....	...	.....	...	.....	58,072
Grand Total ...	...	.....	...	.....	...	.....	...	.....	...	.....	...	.....	71,33,620

* Exclusive of the sum of Rupees 36,936 proposed to be charged to District Road Funds.

69. The Budget of expenditure from Guaranteed Capital is as follows :—

		Rs.
Madras, North-West and South-West Railway and the Bangalore branch		60,00,000
Great Southern of India Railway		2,92,000
Do. Extension to Errode		15,40,000
Madras Irrigation and Canal Company		4,00,000
		82,32,000
Deduct receipts, as estimated by the Railway authorities, from sale of stores, &c., to be credited to Capital	10,03,000	
Do. by Irrigation and Canal Company's authorities from do.	80,000	10,83,000
		71,49,000

70. The sums which are proposed for expenditure on Railways are those which were approved in the Orders of Government No. 3,557 dated 23rd November 1865. The estimate of the Consulting Engineer for the Madras Irrigation and Canal Company may be allowed to stand under the explanations which are afforded in Captain Mullins' letter of the 20th November last, recorded at the head of these Proceedings.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineers.
" Controller of Public Works Accounts, with G. O. No. 3,557 of 1863.
" Accountant General.
" Public, &c., Departments.
" Educational Department.
" Revenue Department.
" Military Department.
" Officer in charge of the Store Department.
" Special Executive Engineers.
" Consulting Engineer for Railways.
" Consulting Engineer for the Madras Irrigation and Canal Company.
" Manager do. do.
" Inspector General of Police.
" Board of Revenue.
" General Superintendent of Public Works Stores and Workshops.
" Municipal Commissioners, with reference to paragraph 45.
" Director of Public Instruction.

Exd. J. Wright.

Memorandum of works for which estimates should be submitted without delay.

Works.	Amount allowed.
NEW WORKS.	Rs.
Ganjam.	
Zillah School, Berhampore	4,000
Anglo Vernacular School, Chicacole	§3,129
Vizagapatam.	
Petta Ghát road	5,000
Construction of roads and the clearing of jungle in the Jeypore country	10,000
Anglo Vernacular School, Bimlipatam	§2,126
Bellary.	
One Regimental Workshop to be built in a convenient part of the lines to be one large building with stores for materials	§5,000
Ten new Wash-houses for the Regiment	§15,000
One Armourer's shop complete	§6,500
One Swiming bath for men	§6,000
Two do. do. for families	§8,000
Accommodation for Workshops	§6,000
One Musketry Instruction room	§5,000
Two day-rooms for women	§6,000
Presidency.	
Laying on water supply to the Bath-rooms of the Bandsmen in the Fort	§7,800
Additional privy accommodation for the use of the European Infantry	§2,500
Constructing Racket and Fives Court Swimming Baths, Gymnasium, &c., for the use of the European Regiment	§15,000
Do. Skittle and American Bowling Alleys, Solitary Cells and Association-room for the use of do.	§15,000
Improvements to the 3rd story of the building occupied by the Superintendent of the Gun Carriage Manufactory	§2,510
Making certain alterations in the Criminal side of the Grand Jail and erecting a cart shed and Guard-rooms for the use of the Commissariat Stores	§9,500
Constructing a Soojee Mill and Bakery	17,150
Foundry in connection with the Public Works Workshop at Chepauk. Revised estimate	11,530
Madras.	
Constructing Wash-houses, Urinary and separate Lavatories	§10,585
Do. a Bath room and Lavatory	§2,800
Anglo Vernacular School, Mylapoor	§500
North Arcot.	
Zillah School, Chittoor	§5,000
South Arcot.	
Zillah School, Cuddalore	§5,000
Salem.	
Anglo Vernacular School, Tripatoor	§1,000
Bangalore.	
Race Course Barracks. Revised estimate	1,75,000
Ulsoor Water Supply Project. Revised estimate	20,000
Additions to the Barracks occupied by the Sappers and Miners	§7,000
Do. to Horse Artillery Barracks	§15,000
Constructing a Soojee Mill and Bakery	15,000
Office for the Commissariat Department	§10,000
Tanjore.	
Improvements to the new Salt pans at Tranquebar. Revised estimate	3,910
Re-building a portion of the Lower Coleroon Anicut and adding aprons do.	80,000

J. D. Sims
2nd Clerk

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Works.	Amount allotted.
NEW WORKS.—(Concluded.)	Rs.
Trichinopoly.	
Removing the Artillery and Cockaye Tope Parcharies	§4,600
Normal School, Trichinopoly	§5,000
Coimbatore.	
Constructing Military Prison. Revised estimate	§15,000
Lawrence Asylum	1,47,740
Táluq Cutcherry. Revised estimate	9,000
Central Jail. Revised estimate	50,000
Malabar.	
New Artillery Barracks at Cannanore	§50,000
Grand Powder Magazine at Cannanore	15,000
New Commissariat Godown at Cannanore	§10,000
Constructing and bridging road between Calicut and Palghat viâ Mundoor. Revised Estimate	10,000
Road from Kalpatty to Sultan's Battery	7,000
Do. from Sultan's Battery to the frontier	7,000
Terriote road	13,000
Anglo Vernacular School, Choughat	§2,016
South Canara.	
Bridge work on the road to connect Mangalore and Cannanore by Vitla and Hoss Droog	10,000
Provincial School, Mangalore	§8,000
REPAIRS.	
Vizagapatam.	
Maintaining a portion of Jeypore road viâ Sroongavarapoocotta and Kassipoor from Vizagapatam 25 miles. Extra provision	§1,000
Kistna.	
Keeping in good order the Salt road from Inkole to Chinnaganjam	§800
Do. do. from Gudivada to Bantoomilly	§1,600
Nellore.	
Road from Goodoor to Doogarazpatam	§1,600
Madras.	
Re-metalling Mint road	§2,550
Road from Poroor to Connatore	§2,500
Filling in ruts in the Ennore road and metallings	§1,650
Road from Chotapakam to Cheyur	§750
North Arcot.	
Road from Pallipett to Kotarlapally	§700
South Arcot.	
Road from Tindivanam to Salem frontier viâ Trinomalay. Extra provision ...	§300
Salem.	
Road from Salem to Senkerridroog. Extra provision	§100
Tinnevelly.	
Road No. 8 from Palamcottah to Tuticorin. Extra provision	§450
Beach road at Tuticorin	§300

NOTE.—The sums allotted for the items marked thus § will not be available for expenditure until the estimates shall have received the sanction of Government.

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PUBLIC WORKS DEPARTMENT.
FORT SAINT GEORGE,
1st February 1866.

No. 406.

No. 65.

From

COLONEL C. A. ORR, R. E.,
Secretary to Government, P. W. D.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

ACCOUNT, No. 65.

1. Under the orders of His Excellency the Governor in Council, I have the honor to forward the Madras Budget of Public Works for the year 1866-67.

2. The allotment for this Presidency for the ensuing year is Rupees 69 lacs which, under the Circular of the Government of India No. 107, dated 24th October 1865, is inclusive of State expenditure on the works of the Madras Irrigation and Canal Company, but is irrespective of the outlay from State funds on guaranteed Railways.

3. The amount which is proposed to be expended from Educational Building Funds through the agency of the Public Works Department is Rupees 79,366, which, added to the Imperial allotment above mentioned and to the State* expenditure on guaranteed Railways, gives a total of Rupees 71,33,620. This amount has been distributed over the several parts of the accompanying Budget in the following proportions:—

* Rupees 1,54,254.

G. D. Sims
2d Clerk

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Funds.	Part II.—New Works.										Part III.—Repairs.						Part IV.	Part V.	Part VI.		Total.
	Military.		Civil Buildings.		Agricultural.		Communications.		Miscellaneous Public Improvements.		Total.		Military.	Civil Buildings.	Agricultural.	Communications	Miscellaneous Public Improvements.	Total.	Establishments.	Tools and Plant.	State expenditure on works of M. I. and C. Company.	State expenditure on Railways	
	No. of works.	Allotment.	No. of works.	Allotment.	No. of works.	Allotment.	No. of works.	Allotment.	No. of works.	Allotment.	No. of works.	Allotment.											
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial	37	7,17,000	28	2,20,926	24	3,02,122	53	5,54,636	3	14,950	145	18,09,634	1,33,000	1,32,471	9,63,454	11,44,830	26,745	24,00,000	17,98,294	1,50,000	58,072	1,54,254	63,70,254
Do. Reserve ...	...	.....	...	.....	...	.....	...	.....	...	.....	...	6,84,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,84,000
Educational ..	...	.....	12	73,221	...	.....	...	.....	...	.....	12	73,221	.....	3,525	.....	.....	.....	3,525	3,620	.....	.....	.....	79,366
Total ...	37	7,17,000	40	2,93,147	24	3,02,122	53	5,54,636	3	14,950	157	25,65,855	1,33,000	1,35,996	9,63,454	11,44,830	26,745	24,03,525	18,01,914	1,50,000	58,072	1,54,254	71,33,620

4. The Budget of works to be undertaken from District Road Funds, through the agency of the Public Works Department, having been received too late for incorporation in the Imperial Budget, will be separately transmitted.

5. In their Circular already quoted, the Government of India have fixed the grant for Military Works at Rupees 10,00,000, which is the amount that was applied for by this Government and which will be found distributed in the outgoing Budget under the following heads:—

	Rs.
New Works	7,17,000
Repairs	1,33,000
Minor Works (Reserve)	1,50,000

6. Part II. of the Budget contains 145 projects to be undertaken from the Imperial grant, of which three, as shown in the margin, require the sanction of the Government of India, the remainder being within the competence of this Government to sanction. It will be seen from the following Statement that Rupees 15,05,709 have been provided for continuing operations on works* which are in actual progress, and Rupees 3,02,925 for works which it is proposed to commence on the 1st May next.

Race Course Barracks, Bangalore.
Lawrence Asylum buildings, Coimbatore.
Central Jail, Do.

* Imperial.

		Grand Total		Total.				Miscellaneous Public Improvements.				Communications.				Agricultural.				Civil Buildings.				Military.				Allotments.
				Works not yet commenced.		Incomplete works.		Total.		Works not yet commenced.		Incomplete works.		Total.		Works not yet commenced.		Incomplete works.		Total.		Works not yet commenced.		Incomplete works.		Total.		Works not yet commenced.		Incomplete works.	
		Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
			Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
Imperial																													
Provincial																													
Educational																													
Building																													
Total		257	18,81,856	151	3,34,696	106	15,47,160	3	14,950			3	14,950	53	5,54,630			53	5,54,630	24	3,02,122			24	3,02,122	40	2,93,147		
Imperial																													
Provincial																													
Educational																													
Building																													
Total		145	18,09,634	103	3,02,925	42	15,06,709							53	5,54,630			53	5,54,630	24	3,02,122			24	3,02,122	40	2,93,147		
Imperial																													
Provincial																													
Educational																													
Building		12	73,221	9	31,771	3	40,450													12	73,221			12	73,221	1	1,000		
Total		145	18,09,634	103	3,02,925	42	15,06,709							53	5,54,630			53	5,54,630	24	3,02,122			24	3,02,122	39	2,92,147		
Imperial																													
Provincial																													
Educational																													
Building		12	73,221	9	31,771	3	40,450													12	73,221			12	73,221	1	1,000		
Total		145	18,09,634	103	3,02,925	42	15,06,709							53	5,54,630			53	5,54,630	24	3,02,122			24	3,02,122	39	2,92,147		
Imperial																													
Provincial																													
Educational																													
Building		12	73,221	9	31,771	3	40,450													12	73,221			12	73,221	1	1,000		
Total		145	18,09,634	103	3,02,925	42	15,06,709							53	5,54,630			53	5,54,630	24	3,02,122			24	3,02,122	39	2,92,147		
Imperial																													
Provincial																													
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Building		12	73,221	9	31,771	3	40,450													12	73,221			12	73,221	1	1,000		
Total		145	18,09,634	103	3,02,925	42	15,06,709							53	5,54,630			53	5,54,630	24	3,02,122			24	3,02,122	39	2,92,147		
Imperial																													
Provincial																													
Educational																													
Building		12	73,221	9	31,771	3	40,450													12	73,221			12	73,221	1	1,000		
Total		145	18,09,634	103	3,02,925	42	15,06,709							53	5,54,630			53	5,54,630	24	3,02,122			24	3,02,122	39	2,92,147		
Imperial																													
Provincial																													
Educational																													
Building		12	73,221	9	31,771	3	40,450													12	73,221			12	73,221	1	1,000		
Total		145	18,09,634	103	3,02,925	42	15,06,709							53	5,54,630			53	5,54,630	24	3,02,122			24	3,02,122	39	2,92,147		

7. The Reserve has been fixed as usual at 10 per cent. of the entire assignment, *minus* the State expenditure in connection with the works of the Madras Irrigation and Canal Company. In paragraph 3 of their Resolution No. 967 A, dated 28th October 1865, the Government of India remark that it seems worthy of consideration whether a smaller proportion than the above might not, in future, be allotted for minor works which are not specially provided for in the Budget. I am to observe, in reply, that in the opinion of this Government, such a reduction would be most undesirable. At present, when funds are required for the commencement of works exceeding Rupees 2,500 each, the necessity for which is not foreseen at the time of the preparation of the annual estimates, or when supplemental grants are applied for on account of Budget works upon which it is found that a larger sum than has been allotted can be profitably expended, the appropriations are made from the Reserve Fund, and much difficulty and unnecessary delay are thereby obviated. It may, however, be urged that unexpected demands like these should be met by transfers from other allotments, but I am to state that it is absolutely impossible, in most cases, to estimate at the early part of the year, with any degree of accuracy, the probable outlay upon any Budget work, and that, in most of the Districts of this Presidency, the best working season does not commence before the latter half of the official year.

8. The assignment for Repairs has been fixed at Rupees 24 lacs, or Rupees one lac less than the estimate for the current year. The reduction is owing 1st to the sums which were provided in the estimates for the maintenance of roads on account of extra establishments having been transferred, under existing Rules, from Part III. to Part IV. of the Budget, and 2ndly to the grants which were heretofore allotted from Imperial Funds for the maintenance of some of the roads at the Presidency having been transferred to the debit of Municipal Funds, in accordance with the wishes of the Government of India, as expressed in your letter No. 433 A, dated 12th May 1865.

9. Adverting to paragraph 5 of the Resolution of the Government of India of the 28th October last, already quoted, wherein they observe that as the *actual* outlay on *Repairs* in this Presidency during 1862-63 and the two following years fell short of the Budget allotments, the grant under that head might in future be reduced, I am to observe that the works, and especially those of irrigation on which a large proportion of the sum set aside for the execution of repairs is required to be laid out, are so numerous in this Presidency, and are so scattered as to make it impossible for any officer so to arrange his operations as to bring his expenditure exactly up to the limits of his assignment, and I am to say that if the grants were reduced, as proposed by the Government of India, to the actual average outlay on repairs during the past three years, the result would simply be that a large unexpended balance of the smaller appropriation would still remain at the end of the year, and that even less would be done to keep the sources from whence much of the revenues of the country is derived in moderately efficient order than can now be effected with the already insufficient allowance for the purpose. It was last year shown how unanimously the Revenue Officers were of opinion that the outlay now annually made on the maintenance and repair of irrigation works throughout this Presidency is utterly inadequate to their requirements, and that a far more liberal

J. D. Sims
2d Clerk

treatment of them was essential for their proper conservancy, and the preservation of the large income derived from them. From the very limited assignments which are made from year to year to this Presidency the Government cannot set aside a larger sum than that which they now propose to allot for irrigation repairs, but they are confident that it is the smallest amount that can be made to suffice, and they are satisfied that could it be increased without too largely trenching on the funds required for absolutely necessary works of Public Improvement, the result would be advantageous to the State, and beneficial to the people, whose prosperity is dependent, in a great degree, on the good condition of their tanks and channels.

10. Part IV. of the Budget amounts to Rupees 18,38,850, of which Rupees 40,556* will be charged to Local Funds. The Establishment is, with but one or two exceptions, numerically the same as that which is provided in the estimates for the current year, but its cost exceeds the latter by Rupees 2,25,850. This excess is attributable to the inclusion in the out-going Budget of the charges on account of Conservancy Establishments which were not provided for in the estimates for 1864-65; to the transfer of a large amount from Part III. to Part IV. on account of petty establishments which were heretofore included in the maintenance grants for roads, but have now to be separately entered in the Budget of Establishments; to the increased outlay which has resulted in the substitution, under the orders of the Government of India, of a daily travelling or mileage allowance for the system of fixed travelling allowances which was in operation until the 31st August 1865, and lastly to the enhanced cost of the Executive Establishments consequent upon the numbers in the higher grades in each class having been increased in accordance with the Orders of the Government of India which were communicated in their Circular No. 80, dated 23rd August last.

* Rupees 36,936 against Rupees 3,69,360, the estimated outlay from District Road Funds by Public Works Officers, and Rupees 3,620 against Rupees 36,200 which is the *fresh* provision from Educational Building Funds, the balance of the assignment being the amount which is not likely to be expended from the Budget allotment for the current year.

11. By these additions and alterations, the outlay on Establishments is nominally largely increased, and appears to bear a high proportion to the proposed expenditure under other heads; but the Government are satisfied that it cannot be curtailed otherwise than by the exclusion of charges which should properly not be debited against a public works assignment, or which have hitherto been separately provided for, because the Executive Establishment, as now constituted, is not stronger than it is required to be to enable it to undertake the supervision of the numerous and widely dispersed works which are entrusted to its charge. The peculiar circumstances of this Presidency render a larger establishment necessary for the supervision of its Public Works than would suffice to overlook an equal amount of outlay in other parts of India, where the Public Works expenditure is more concentrated than in Madras; and for this reason the cost of supervision must always be comparatively heavier here than elsewhere. This cannot be avoided till a larger grant is made to Madras, or till the principle is recognized that the maintenance of works so directly contributing to the revenue, as tanks and channels, should be provided out of their revenues just as the cost of collecting those revenues is met, instead of being charged, as now, to an assignment which, specially intended for the prosecution of works of Public Improvement from the surplus income of the country, is utterly inadequate for the purpose when diminished by the withdrawal from it of the cost of repairing irrigation works which this Government are of opinion ought to be treated as self-maintaining. If the ten lacs of Rupees which are required to be spent annually in barely keeping these remunerative works in order were charged, as it is believed they ought to be, against the revenue derived from them, or, if the general assignment were increased by that amount, the present yearly grants for this Presidency might then be somewhat commensurate with its real requirements, and, without any addition to the existing establishment, such progress might be made with the numerous new works of all descriptions that are urgently called for in all directions as would relieve the Government from much embarrassment in having to turn a deaf ear to the greater number of the representations which are made to them of the pressing wants of the country, and in having to abstain from undertaking works, which, without fail, would return many-fold to the State, and greatly add to the contentment and prosperity of the people. After a few years of enhanced expenditure, the numerous highly promising works of irrigation in this Presidency, which are languishing from want of funds wherewith to carry them on with reasonable rapidity, as well as such emergently needed buildings as jails, &c., would be completed, and the present rate of yearly outlay might then be reverted to without bringing with it the discouraging financial difficulties under which the Public Works Department now labors, and without entailing disappointment to all interested in the welfare of the country.

12. So utterly inadequate are the aggregates of the present yearly assignments to the purpose for which they are ostensibly made, as to render it quite impossible for the Government now to propose a larger appropriation out of next year's grant of Rupees 69,00,000 than the comparatively meagre sum of Rupees 10,92,634 for new works of Public Improvement of all descriptions other than Military, although the demands for money to carry on only the most useful works of that kind, during the year for which provision has now to be made, are so urgent as to amount to Rupees 50,43,010 in the requisitions of the Superintending Engineers, and although the Government have no reason to doubt that the greater part of this large sum could be spent with much advantage, and with every prospect of profit to the State under the management of the Department as at present constituted.

13. I am here to point out that, in the sum of Rupees 10,92,634 which I have just shown is all that this Government are able to propose to appropriate to new works of public improvement other than Military during the year 1866-67, no provision is made for the construction of the several new Jails which are confessedly so urgently required in this Presidency, or for carrying out the improvements to the existing Jails which are necessary for the amelioration of their sanitary condition. The pressing want of Jail accommodation in this Presidency, and the necessity of supplying the means of providing it were lately urged in Mr. Arbuthnot's letter to the Government of India, in the Judicial Department, under date the

9th December 1865, No. 1,760, and in referring you to that letter, I am to say, that although, with the means at their disposal in the current Budget, and under the permission conveyed in your telegram of the 12th January 1866, this Government are making great exertions to push on the completion of the new Jails now under construction and the improvement of others, these works, as well as all further progress with the provision of jail accommodation generally, will be necessarily abruptly suspended on the 30th of April next unless the Government of India, bearing in mind the promise which was given in paragraph 5 of Mr. Secretary Bayley's letter, dated Simla, the 23rd June 1864, No. 952, "to make the necessary "provision of funds for giving early effect to any carefully matured proposals for "increasing Jail accommodation wherever it is now manifestly insufficient," are prepared to fulfil that pledge, and will add to the general assignment for the Public Works of this Presidency for the year 1866-67, the sum of at least four lacs of Rupees, to be expended exclusively on the construction of new Jails on plans and estimates which have already received the sanction of Government, or are under their consideration, but which have been omitted from the Budget for reasons which I have above explained.

14. The sum which has been allotted for tools and plant is Rupees 1,50,000, of which Rupees 80,000 are on account of stores (not included in the estimates for works) which are expected from England, as per accompanying Indent, and Rupees 70,000 for tools and stores to be purchased in India, and for charges connected with landing, shipping, and repairing machinery, &c.

15. The Budget of State expenditure on guaranteed Companies amounts to Rupees 2,12,326, as shown below:—

Guaranteed Companies.	For Establishments.	For Lands.	Total.	Remarks.
	Rs.	Rs.	Rs.	
Railway Company	50,554	1,03,700	1,54,254	
Madras Irrigation and Canal Company.	38,072	20,000	58,072	
Total ...	88,626	1,23,700	2,12,326	

16. The Budget of the Consulting Engineer for Railways is the same as that which was submitted with my letter of the 23rd November last, No. 3,558, but fuller details will hereafter be given of the lands which are proposed to be taken up for the several lines of Railway. The establishment of the Consulting Engineer for Railways is subject to such reductions and modifications as may be found to be necessary on the arrival of Mr. Kelner.

17. The following is a Statement of the entire expenditure which is proposed from Imperial and Educational Building Funds during the ensuing year.

Items.	Civil Buildings.		Military.		Agricultural.		Communications.		Miscellaneous Public Improvements.		Total Imperial.	Total Educational Funds.	Grand Total.
	Imperial.	Educational Funds.	Imperial.	Educational Funds.	Imperial.	Educational Funds.	Imperial.	Educational Funds.	Imperial.	Educational Funds.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Part II. New Works ...	2,20,926	72,221	7,17,000	...	3,02,122	...	5,54,636	...	14,950	...	18,09,634	72,221	18,81,855
Grant for Minor Works	1,29,000	...	1,50,000	...	2,15,000	...	1,40,000	...	50,000	...	6,84,000	.....	6,84,010
Part III. Repairs ...	1,32,471	3,525	1,33,000	...	9,63,454	...	11,44,330	...	26,745	...	24,00,000	3,525	24,03,525
Total for New Works and Repairs	4,82,397	75,746	10,00,000	...	14,80,576	...	18,38,966	...	91,695	...	48,93,634	75,746	49,69,390
Part IV. Establishments.	.....	...	.....	...	.....	...	.....	...	.....	...	17,98,294	3,620	*18,01,914
Part V. Tools and Plant.	.....	...	.....	...	.....	...	.....	...	.....	...	.....	.....	1,50,000
Part VI. State expenditure on Railways ...	.....	...	.....	...	.....	...	.....	...	.....	...	.....	.....	1,54,254
Do. on works of Madras Irrigation and Canal Company	.....	...	.....	...	.....	...	.....	...	.....	...	.....	.....	58,072
Grand Total...	.....	...	.....	...	.....	...	.....	...	.....	...	.....	.....	71,33,620

* Exclusive of the sum of Rupees 86,936, proposed to be charged to District Road Funds.

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J. D. Sims
2nd Clerk

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18. The sums which are provided in Appendix C. for expenditure from guaranteed capital amount to Rupees 71,49,000, as shown below:—

Madras North-West and South-West Railway and the Bangalore branch		60,00,000
Great Southern of India Railway		2,92,000
Do. Extension to Errode		15,40,000
Madras Irrigation and Canal Company		4,00,000
		82,32,000
Deduct receipts, as estimated by the Railway authorities from sale of Stores, &c., to be credited to Capital	10,03,000	
Do. by the Irrigation and Canal Company's authorities from do.	80,000	10,83,000
		71,49,000

19. A copy of the letter from the Consulting Engineer for the Madras Irrigation and Canal Company giving cover to his Budget for the ensuing year is herewith forwarded for the information of the Government of India.

I have the honor to be,
Sir,
Your most obedient servant,
(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Exd. S. T. Augustin.

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Proceedings of the Madras Government, Public Works Department,
1st February 1866.

No. 58. From the Consulting Engineer for Irrigation and Canal Company, to the Secretary to Government, Department of Public Works, dated Madras, 20th November 1865, No. 119:—

1. In forwarding the Budget Statements as per margin* for the year 1866-67, I have the honor to inform you that the guaranteed capital of one million will be so nearly exhausted by the close of the current year, that it is quite certain that it will not be practicable to provide from it, for more than three or four months at most, the funds necessary to meet the expenditure for works and permanent establishment. It would, under these circumstances, have been useless to call upon the Chief Engineer for the usual particulars of expenditure for the coming year, and instead therefore of so doing, the Agent was requested to verify my estimate of probable balance of guaranteed capital on the 30th April next, and it will be seen, from the correspondence marginally noted, that he on the whole considers that four lacs represent the best approximate estimate of this balance that can at present be made.

* Part VI. and Appendix C.

1 Letter in original from Agent, No. 400, dated 11th instant.
1 Do. copy to Agent No. 247, dated 7th instant.
1 Budget Statement Part VI.
1 Appendix C.

To Agent, No. 247, 7th instant.
From do. ,, 400, 11th do.

2. The estimate for 1866-67 of State expenditure remains the same as that for the current year as regards the establishment of this office and of the Deputy Collectors in Kurnool, Cuddapah, and Nellore, with the exception that some reduction has been made in the provision of travelling and contingent allowances.

3. As will be seen from the small sum, Rupees 10,000, entered for land compensation in Kurnool, the area expected to be made over will not be large; but on the other hand the transfers will be small but numerous, and I have no doubt the Deputy Collector will have plenty to do should the distribution works be pushed on as they should be.

4. It is perhaps improbable that either in Cuddapah or Nellore any State expenditure whatever will be found requisite. It is, however, not possible to forecast the action of the Board of Directors of the Company, and it has seemed to me better to make a small provision than to run the risk of finding money needed but not included in the Budget.

5. In my own office, I have informed the extra Writer and Draughtsman entertained in November 1864, that they will be discharged at the end of December next, as there are now but few original plans received, and it was to copy these and the estimates that they were engaged. I have retained them in the Budget, however, in case the Company should determine next year to go on with some of the works not yet sanctioned.

Proceedings Madras Government, No. 2,734, dated 19th September 1864.

From the Agent and Manager, Madras Irrigation and Canal Company, to the Consulting Engineer, Madras Irrigation and Canal Company, dated Madras, 11th November 1865, No. 400.

1. I have the honor to acknowledge receipt of your No. 247 of the 7th instant, requesting me to inform you what I estimate the balance of guaranteed capital on the 30th April next will probably be.

J. D. Sims
Clerk

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2. It is exceedingly difficult, so long beforehand, to form an opinion upon this question; but I have considered the estimate you make in your paragraph 2, and retrospectively my figures agree with yours. Assuming then that the expenditure upon the works will go on at a rate somewhat similar to the present, the establishments being proportionately reduced, which object we are now steadily pursuing.

3. I am inclined to think that the sum you assign as the probable balance at the close of the financial year may be taken as a fair estimate.

4. In reply to your paragraph 3, I am aware that the Directors are engaged in negotiations for the raising of additional capitals; but I am not able to state the date by which I shall be able to inform you what their arrangements are likely to be.

From the Consulting Engineer for Irrigation and Canal Company, to the Agent and Manager Irrigation and Canal Company, dated Madras, 7th November 1865, No. 247.

1. This office having to submit to Government the information required for the compilation of that part of the annual Budget* which exhibits the proposed expenditure in connection with the Madras Irrigation and Canal Company, I have the honor to request that you will be good enough to inform me what you estimate, the balance of guaranteed capital on the 30th April next, will probably be. It would be useless, now that the guaranteed million is so nearly expended, to ask you for the particulars which have hitherto been furnished regarding the estimated expenditure for the ensuing year on establishments, construction, plant, contingencies, &c., and therefore all that is now required is the best possible estimate of the balance of guaranteed capital which will be available at the close of the current official year.

* 1866-67.

2. As far as the information I possess will enable me to judge, the balance will be as shown below :—

Guaranteed Capital		100 lacs.
Drawn in India up to date	83 1/5 lacs.	
Do. England to 31st August	6 1/5 „	
Anticipated expenditure in India from December 1865 to April 1866	6½ „	
Do. in England	¼ „	96¼
		3¾
Probable receipts from sales of stores, &c.		¼
Probable balance available on 30th April 1866		4 lacs.

3. As it is clear that the balance of guaranteed capital after the close of the current official year will, under any circumstances, suffice only for carrying on the works for two or three months, I would request the favor of your informing me whether you have received any information from the Board of Directors as to the probability of additional capital being forthcoming by the time the guaranteed capital has been expended, and, if you are as yet unaware of the arrangements made by the Board, perhaps you may be able to state the date by which you will probably be able to inform me what those arrangements are likely to be.

4. As my Budget was due in the Government Office on the 1st instant, I shall be much obliged if you will let me have your reply to this reference at your earliest convenience.

(True copy.)
Signed J. MULLINS, Captain, R. E.,
Consulting Engineer, Irrigation and Canal Company.

(True Copy.)
(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Exd. S. T. Augustin.

15/5/65

PW 1866 Disbursement
Proc. of Grant for Fishy.

No. 405
No. 406

Proc. of the Madras Govt.
Dt/ 1st Feby 1866

1225

Copy 369 to Revenue
Board Collr's
Letter dtd

No. 2603.

Tanjore District
Collector's Office Chief
Tanjore 21st November 1865

From,

C. S. Thornhill Esqr
Acting Collector of Tanjore

To

R. A. Dalyell Esqr
Acting Secretary to Board of Revenue
Madras

Sir,

Para 1 With reference to the Board's Circular Memo: of the 4th instant No. 1060 I have the honor to report that the Annual Statement of irrigation Works of 1866/67 therein called for will be submitted as soon as the Statements from Talook Offices may be received to whom reminders have been sent.

2 In the mean while I beg to annex copy of the Statement for 1865/66 sent with my predecessor's letter of the 17th December last and to state that most of the works therein shown have not been repaired.

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

C. S. Thornhill
Acting Collector

By J. D'Sims
2nd Clerk

Abstract Statement showing the Number of irrigation works in each Taluk, the Revenue dependant thereon the Number requiring repair and the amount proposed to be laid out during the ensuing Official Year 1865/65.

Taluks	Number of irrigation works dependant	Amount of Revenue thereon	Number of works proposed to be repaired	Amount proposed to be laid out	Remarks
1	2	3	4	5	6
Perhampore	1259	16015.83	167	9351	
Sooroor	683	7706	70	8194	No detailed Statement has as yet been received from this Taluk but when received should there appear any necessity for alteration in the amounts it will be duly communicated to the Board.
Chicacole	838	15993	164	13250	
Total	2780	39614.0	401	30795	

J. M. Prince 2d Clerk

Acting Collector

3/24

Godavery District
Collector's Office
Cocanada 25th November
1865.

No 303.

37

From James Fraser Esqre
Collector

To R. Ketdalgell Esqre
Acting Secretary to the
Board of Revenue
Madras.

Sir

I have the honor to forward a statement shewing the number of irrigation works in this District; the probable amount of Revenue dependant thereon; the number requiring repairs; the amounts proposed to be laid out during 1866 & 67, as called for in the Boards Standing Circular No XXIII dated 15th March 1864.

2. The above Statement has been prepared from the information afforded by the Tahasildars as well as from the irrigation Registers kept in this office and the sums estimated to be spent in the ensuing year amount to Rupees 192.779.

3. The number of Works requiring repairs inclused also certain new Works.

Received 29th November 1865.
Under Secretary to Government
Board of Revenue

No 40

Forwarded to the Collector of Godavery
for information.
By order of the Board
J. Thurnall
Secy. to Bd. of Rev.
11th Dec 1865

Read 2nd Jany 1866
Under Secretary to Government
Board of Revenue

No 10 of 1866

Submitted to the Collector of Godavery
for information.
By order of the Board
J. Thurnall
Secy. to Bd. of Rev.
11th Dec 1865

Collector's Office
Cocanada 2nd January 1866

Submitted with the annual statement of irrigation works for 1865/66 with remarks thereon.

Statement of irrigation works for 1865/66 not received.

G. F. Drewett
Collector

Received 10th January 1866.

works applied for by the Ryots, as well as those which are entered in the last years statement and which were not executed in that year.

I have the honor to be
Sir
Your most obedient Servt
P. Fraser
Collector

Ex d. W. Ramachendrum
B. Clerk

No 182. Towcester Collector's Office
16th December 1865.

Sir,

James Innes Strachan Esquire
Collector of Towcester

&c &c &c

E. Huddleston Esquire
Secretary to the Board of Revenue
Fort Saint George

Sir,

1. With reference to my letter of the 13th November
No 165, having now received Statements from the
Sub-Collectors of the estimated Cost of repairing the
works of Irrigation in their several Talooks, I have
the honor to forward the prescribed Statement with
all the details filled in which were previously
omitted.

2. I see no reason to alter the proposed ex=
=penditure for each Talook as previously sub=
=mitted.

3. Major Flint, the Executive Engineer
in charge of the Towcester & Nundial range
has just informed me that all the Tanks in
the Nundial Talook which he has just visited
are

[illegible] Towcester
[illegible] Engineer

Received 18th December 1865
Forwarding the Returns of Irrigation Works in the Nundial Talook for the year 1865.

Collector of Towcester
Dated 25th December 1865
Received 11th & 29th January 1866
Forwarding Returns of Irrigation Works in the Nundial Talook for the year 1865.

Collector of Towcester
Dated 11th January 1866
Received 29th January 1866

Forwarding a Statement showing the No of irrigation tanks.

No 911

W. R. Arbuthnot
Collector

Sub-Collector's Letter dated 1866

are in a most neglected state, that the Amount hitherto provided for repairs has been utterly inadequate, & that the Sanks have indeed been kept up at the private expence of the Ryots, but that if not taken properly in hand, and a liberal allowance granted, they will in a few years be utterly dilapidated.—

This report only bears out what I have already brought to the notice of the Board of the inadequate allotments for Irrigation repairs made to this Lectnes.—

I have the honor to be,
Sir,
Your most Obedient Servant,
James Lewis Ravenshaw
Collector

Abstract Statement showing the Number of Irrigation Works in the Trichinopoly District.

Taluks	Works of Irrigation. Tanks	Channels	Total	Revenue	Works requiring repair. Tanks	Channels	Total	Revenue	Estimated Cost.	Proposed expenditure in 1866-67.
Puttukkottai	124	"	124	17.796 10 7	12	"	12	3.280 7 4	2.776	3.000
Ramallakotta	40	"	40	9.622 4 3	8	"	8	3256 " "	5.977	4.000
Arundcotcoor	28	"	28	18.754 10 8	13	"	13	16.424 " "	5480	3.000
Arundab	49	"	49	19.498 4 4	23	"	23	8.902 3 9	6.655	5.000
Koilcoontla	17	"	17	17.464 2 8	"	"	"	" " "	"	3.000
Sirwelle	18	"	18	14.239 10 6	11	"	11	5,420 2 10	2.746	4000
Lemboor	70	16	86	76.261 5 4	29	4	33	67.377 " "	9.364	5,000
Mathapoor	41	"	41	39.709 15 2	23	"	23	23.484 " "	18.300	8,000
	387	16	403	2,13,346 15 6	119	4	123	128,143 13 11	51.298	

Trichinopoly
Collector's Office
7th December
1865

James Lewis Cumberland
Collector

Superintending Engineer's
Office, 1st Div., Vellore,
8th November 1865.

No. 1650.

From

Captain J. Beatty, R.E.

Offg. Supg. Engineer, 1st Div.

To

Colonel C.A. Orr, R.E.

Secretary to Govt., P.W.D.

Madras.

Encls. 6

Sir,

I have the honor to forward herewith the Budget Lists of the three Districts in this Division for the year 1866/67.

2. Care has been taken to arrange the items as pointed out in G.O. No. 2919 of 4th October 1865.

3. The remarks and reference in the Lists themselves will, it is believed, afford all needful information

I have &c

Offg. Supg. Engr.

information.

4th The Budget Maps were despatched with my letter of the 17th of 4th instant. Explanation has been given in the Remarks column of the Budget Lists regarding the figures entered on them in red ink.

I have the honor to be
Sir
Your most obedient Servt

L. Beatty Capt. R.E.
Offg. Supg. Engineer 1st Div.

E. Kane

Imperial Fund

Vizagapatam District

Part III.

Detail of Estimate for repairs for 1866-67.

	Estimate 1866-67. Amount	Total	Estimate 1865-66 Amount	Total	
Military					
Vizagapatam Military Buildings	1,400		1,400		
do Cantonment Roads	1,750		1,750		
Vizeanagrum Military Buildings	1,700		1,700		
do Cantonment Roads	310		310		
		5,160		5,160	
Civil Buildings					
Salt Works	3,200		6,500		* This amount is entered at the request of the Collector.
Police Works	600		300		
Other Civil Buildings	700		700		
		4,500		7,500	
Agricultural					
Irrigation Canals, Tanks, Dykes, Drainages	6000		6000		
		6,000		6,000	
Communications					
Maintenance allowance to Trunk Road No 6 from Tomer to Vamulavulsah 71 Miles @ 100 Rs ₹ mile	7100		7,100		G.O. No 2485 of 3rd December
do do to Road from Vizagapatam to Anakapilly 20 Miles at 200 Rs ₹ Mile	4000		4,000		
do do to Road from Do to Vamulavulsah 15 Miles at 200 Rs ₹ Mile	3000		3,000		
do do to Road from Gazoovaka to Pulasuty 38 Miles at 75 Miles ₹ Mile	2850		2,850		G.O. No 2216 of 3 December 1861
do do to Branch Road from Palcondah to Parvatipur 29½ Miles @ 100 Rs ₹ Mile	2950		2,950		
do do to Road from Palcondah to Cheepurpilly 25 Miles at 100 Rs ₹ Mile	2500		2,500		
do do to Road from Vizeanagrum to Bewdara 20 Miles @ 150 Rs ₹ Mile	3000		3,000		
Maintaining a portion of Jeypoor Road via Jeongavarapookola & Cassipur Vizagapatam 25 Miles	2500		1,500		1000 Rs added for additional length of 10 Miles completed in 1864-65
Repairing Travellers Bungalow	3,000				* Entered Title
Minor Repairs below 2500 Rs each	16267		16267		
		47167		43167	G.O. No 1722 of 20 June 1865
Miscellaneous Public Improvement					
Minor Repairs below 2500 Rs each	1300		1300		
		1300		1300	
Total Repairs		64,127		63127	
Repairing Tools & Stores	1000	1000	1000	1000	
		65127			

Supt & Engr's Office
Waltair
8 November 1865.

Total — 65127

P. Beatty Capt R.E.
Offg Lt & Engineer

Examd C Murdaren

To the Engr & Surveyor
Dist & Agency
No 23 Dated 1865
Forwarding Bagath
Road Estimate Revised
for 1866-67.

From Offg Supt Engr
1st Division

Dated 1865 Decbr

Received 16th January 1866

Filed 1-9

Memo: shewing Details of works the Estimates of which are under 2,500 Rs. 5B

	Estimate 1866-67 Amount	Total	Estimate 1865-66. Amount	Total	
Military-					
Maintaining Cantonment Roads at Vizagapatam and Waltair	1750		1750		
Do Do at Vizianagrum	310	2,060	310	2,060	
Communications-					
Maintaining Road from Narsipatam to Challapollem	975		975		
Do from Do to Golgondah	487		487		
Do from Do to Polarum	1950		1950		
Do from Do to Kondasumtha	400		400		
Do from Bimlipatam to Chittivulsah	1125		1125		
Do from Tamulavulsah to Do	1000		1000		
Do from Do to Bimilipatam	200		200		
Do from Anakapilly to Talipurty	980		980		
Do from the Seyapur Road at the 2nd mile from Vizagapatam via Kurrassa, Gauzorakapatam to Balacherivoo	1800		1800		
Do from Kurrassa to Gopalpatnum	400		400		
Do from Chittivulsah to Vizianagrum	1200		1200		
Do from Chittivulsah to Chicacole	2000		2000		
Do from Vizianagrum to Chicacole	2000		2000		
Discretionary allowance	1500		1500		G.O. No. 390 of 3 October 1853
		16017		16017	

* The difference Rs 250 between this & that entered in part III is for Items as follow
Bridges ——— 200 ———
Ferries ——— 50 ———

L. Beatte Capt. R.E.
Offg. Superintending Engineer

L.V.

Vizagapatam District

Part III

From

The Offg Supg Engineer
1st Division

To The Secretary to Govt
N.P.W.

Dated 8 November 65

Despt No —— 0

No

Detail of Estimate
for repairs 1866-67.

W 7015/166
G.O. 1-Feby 166 L 149.

9-1

Imperial Fund. Godavery District

Part III

Detail of Estimate for repairs 1866-67.

53

	Estimate 1866-67. Amount	Total	Estimate 1865-66. Amount	Total	
Military					
Samulcotta Military Buildings	2,000	2,000	1,685*	1,685	*Subsequently granted.
Civil Buildings					
Salt-works	2,000*		7,000		*This amount is entered at the request of the Collr
Police	300		300		
Other Civil Buildings	3,641		3,641		
		5941		10,941	
Agricultural					
Irrigation Canals, Tanks, Dykes Drainages	160,000*	160,000	170,000	170,000	*Some works hitherto under this head, have been transferred to Navigable Canals — so that the diminution viz Rs 10,000 between the grant for 1865-66 and the amount now applied for 1866-67 is added to the allotment under Communications.
Communications					
Maintaining Trunk Road No 6 from Tooni to Ellore 110 miles 100 Rs per mile	11,000		11,000		G.O. No 1820 of 5th October 1861.
Maintaining Coringa Canal	3,500				
Do Cocanada Canal	3,200				
Do Samulcotta Canal	2,500		10,000		*The allotment viz Rs 10,000, of last year is increased to 20,000- Vide remarks opposite the head "Agricultural".
Do Amalapur Canal	2,300				
Do Narsapur Canal	4,000				
Do Ellore Canal	4,500				
Dredging Channels	6,000		6,000		
Minor repairs below 2,500 Rs each	8,402*		6,402		*This includes 2,000 Rs for the repairs of Travellers Bungalow Vide G.O. No 1122 of 21 June 65.
		45,402		33,402	
Miscellaneous Public Improvements					
Cocanada Harbour	20,000		20,000		
Minor Repairs below 2500 Rs each	600		600		
		20,600		20,600	
Total Repairs		232,943		236,628	
Repr Tools & Stores	2700	2700	2700	2700	
Total		235643.			

Supt Engr's Office
1st Division Vizagapatam
8 November 1865

Ed Wardrop

H Beatty Capt RE
Offg Superintending Engineer

Memo showing the details of Works & Estimates of which are under 2,500 Rupees.

	Estimate 1866-67. Amount	Total	Estimate 1865-66. Amount	Total
Communications.				
Maintaining Road from Cocanada to Nelapilly	640		640	
Do Do from Dewlaishwarum to Rajahmundry	900		900	
Do Do from Dewlaishwarum Anicut via Sappers Camp to join Road to Rajahmundry	200		200	
Discretionary Allowance	1500		1500	
		3,240		3,240

* The difference 5162 Rs between this and that shewn in part III is required for items as follows.

Travellers Bungalows	2,000
River Improvements	2,200
Ferries	725
Bridges	237
	5162

C.V.

A. Beatty Capt. R.E.
Offg. Superintending Engineer

59

Godavery District
Part III

From
The Offg Supdg Engineer
Rd Division

To The Secretary to Govt
P.W.D

Dated 8 Nov/65
Despd
Rcd

Detail of Estimate
for repairs for 1866-67

Rd 3/5/66
G.O. 1 Feby 66 No 49

J.1

Imperial Fund.

Godaveery District-
Part II.

Detail of Estimate for original works for 1866-67.

Executive Division.	Project No.	Locality	Description.	Amount of Estimate	Computed expenditure upto 30th Sept 1866.	Estimate 1866-67.	Remarks.
			Military.				
No 1 Range	1	Samulcotta	Enlarging Hospital	Recd in Dist Office 7,020	4,000	3,020	Estimate forwarded to the Officer Commanding the Division. If this sum cannot be granted this year, the whole amount of Estimate viz Rs 7020 should be allotted in 1866-67
			Total Military			3,020	
			Civil Buildings.				
No 1 Do	2	Ramachendrapoor	Taluq Cutcherry	15760	2,181	13,579	Provided for in Budget of 1865-66 Item No 21 but the grant (13,580) was transferred to other works vide G.O. Nos 1254 & 1844 of 9th May and 1st July 1865 respectively
No 3 Do	3	Nursapur	Taluq Cutcherry	15760	-	5,000	Government Order No 1798 dated 21st June 1864 in which it is stated that owing to the want of funds, this Estimate must stand over for another year entered in my Budget of 1866-66.
No 1 Do	4	Karapa	Alterations & Improvements to Karapa Salt pans	Recd in Dist Office -	-	20,000	This estimate will be submitted as soon as possible.
No 1 Do	5	Coringa	Sea Custom House	7270	-	3,000	Sanctioned in G.O. No 3424 of 23 November 1863.
			Carried forward			41,579	

Imperial Fund.

Godavery District-
Part II.

Detail of Estimate for original works for 1866-67.

Executive Division	Project No.	Locality	Description	Amount of Estimate	Computed expenditure upto 30th April 1866.	Estimate 1866-67.	Remarks.
			Brought forward			41579	
No 1 Range	6	Cocanada	Post Office	2960	136	2824	Revised Estimate submitted with my letter No 1259 dated 12th October 1865.
No 6 Do	7	Rajahmundry	Central Jail	208030	164357	43679	Budget of 1865-66 Item No 55, but the original grant Rs 50249 was reduced to Rs 40249 Vide G.O. No 533 of 24th February 1865.
No 1 Do	8	Cocanada	Sub-Magistrate's Office with Subsidiary Jail and Police Station House	4380		4380	Revised Estimate forwarded to the Collector for Countersignature.
No 4 Do	9	Bhimavaram	Do with Do	3540		3540	Entered in Budget of 1865-66 as ordered in G.O. No 1779 dated 28th June 1864; but no funds granted.
No 1 Do	10	Almoor	Do with Do	4080		4080	
No 1 Do	11	Coringa	Do with Do	3570		3570	
			Total Civil Buildings			103652	

Imperial Fund. *Godavery District.* *Part II.*

Detail of Estimate for original works for 1866-67.

Executive Division	Project No.	Locality	Description	Amount of Estimate	Computed expenditure upto 30th April/66.	Estimate 1866-67.	Remarks.
			Agricultural.				
No 5 Range	12	Dowlaiswaram	Raising Godavery Annicut.	3,00,000	2,26,506	73,494	Sanctioned in Budget of 1865-66. Item No 58. The grant (81,745) was surrendered, and only Rs 10,000 have since been granted. Sanctioned in G.O. No. 3400 of 20th November 1863. This work appears now to be very urgently required.
No 5 — Do —	13		Shutters for Head and under-sluices of Godavery Annicut	7,920	-	7,920	
No 2 — Do —	14		Aqueduct across Covica Drain near Indupilly	16,500	-	16,500	Government has declined to sanction this work for want of Funds Vide G.O. No 499 of 20 February/66, but were willing to proceed with it, at once, if the Superintending Engineer could have pointed out a source from which to meet the Expenditure.
No 1 — Do —	15		Widening the Sammalcottah Main Canal to 60 Sqr yds Average section and bridging Towing path on upper side, Cutting side Irrigation Chs. constructing regulating sluices, & smaller distribution sluices and bridges	131200	-	55000	Sanctioned in G.O. No 2854 of 28th November 1862. This important and necessary project which has been so often deferred should, if possible, find a place in the Budget of 1866-67. It is numbered, 2, in red ink on the Budget Map.
			Carried forward		152914		

Imperial Fund. Godavery District. Part II.

Detail of Estimate for original works for 1866-67.

Executive Division	No.	Locality	Description	Amount of Estimate	Computed expenditure upto 30th Sept. 66.	Estimate 1866-67.	Remarks.
			Brought forward			152914	Submitted with my letter No 1495 of 28th Oct. 65.
No 1	Range	16	Caligula at head of old Tooliabhagam on the right bank of the Cocanada Canal	7440		7440	a very desirable work on account of the advantages it will afford both in the Navigation of the Canal & to the irrigation under it.
No 1	Do	17	Constructing an Aqueduct across the Caligulah Channel Chinlapilly &c. Sluice at the Head of Irrigation Channel of Pedapoody, Kykavole & Villages	3570		3570	Submitted with letter No 1335 of 17th Oct. 1865. Certain to prove a highly remunerative work.
No 3	Do	18	Akeed Improvement to the Canal	80120	22000	—0—	Budget of 1865-66, Item No 59. The grant (20000) was surrendered. The plans & Estimate require some revision.
No 4	Do	19	Constructing a Dividing Dam across the Yerra Calwa at the Head of the Gundapilly Channel & a dam across the Singana Channel	2790	1840	—0—	Sanctioned in G. O. No 2734 of 21 September 1863. The plan and estimate requires some revision.
No 4	Do	20	Irrigation works of Ellur High Level Canal	6342		—0—	G. O. No 2529 of 30th August 1865.
			Minor works below 500 Rs			5000	
			Total Agricultural			168924	

Imperial Fund. *Godaveery District-*
Part II.

Detail of Estimate for original works for 1866-67.

Executive Division	Project No.	Locality	Description	Amount of Estimate	Computed expenditure upto 30th Sept 66.	Estimate 1866-67.	Remarks.
			Communications.				
No 1 Range	21		Improving Communication in Rumpah Country	15,400	7496	5000	Sanctioned in G.O. No 1442 of 5th June 1863.
No 1. Range	22	Cocanada	Iron Girder Bridge	75000	55019	19981	Budget of 1865-66 Item No 117. The grant Rs 35,000 was surrendered and only 15,000 Rs have since been granted by a transfer Vide G.O. No 1844 of 1st July 1865. The allotment asked for is required for completion of the work now in progress.
No 2 Do	23		Constructing a Lock & Caliguilah near Mondapulumea below the Gunnarum Aqueduct	9,350	-	6000	Sanctioned in G.O. No 3515 of 30th November 1863 Most necessary.
No 2 Do	24		Partial repairs & strengthening the Retaining side wall of Gunnarum Aqueduct & plastering the Aqueduct inside & out	20,500	-	20,500	Govt Order No 3575 of 4th December 1863. Rs 35,75-
No 4 Do	25		Works for the cross Drainage Ellur High Level Canal. See the order for the Abstract.	1,04,000	25634	50,000	G.O. No 2529 of 28th August 1865. Numbered 1, in red ink, in the Budget Memo.
					Total Communication	101,481	
					Total New Works	377,077	

Superintending Engrs Office
1st Division Vellore
8th November 1865.

NB. The Works entered under each of the Budget heads according to Classification have been arranged as far as possible in the order of their importance

J. Beatty. Capt R.E.
Offg Supt Engineer

Goodwin's District
Part II.

From
The Offg Supt Engr
pr Dunbar

To The Secretary Board
O.P.W.

Dated 8 Nov 65
Desp 16 — do
No

Detail of Estimate
for original works
for 1866-67.

pr W 815 166
G.O.I. Feb 66 L 249.

II A

Imperial Fund. Vizagapatam District 81A

Detail of Estimate for Part II. original works for 1866-67.

Executive Division	No	Locality	Projects. Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate for 1866-67	Remarks or references.
			Military.				
			None.				
			Civil Buildings.				
No 1	Range 1	1	Pentacotta	Formation of Pentacotta Salt-Pans	16090	-	10,000	Estimate forwarded with my D. No 677 of 10th March 1865.
No 2	do	2	Vizagapatam	Post office	2,550	-	2,550	do do No 2115 of 22d July 1864.
No 2	do	3	Vizagapatam	Zillah Jail	60509	24,869-	35000	Revised Estimate forwarded with my letter No 1160 of 5th October 1865.
No 1	do	4	Gelammuchelly	District Moonsiffs Court	3,710	-	3710	do do No 1580 of 31st May 1864.
No 3	do	5	Tizeanagram	do do	3,680	-	3,680	do do do
				Carried forward			54,940	

73A

Imperial Fund.

Vizagapatam District

Part II.

Detail of Estimate original works for 1866-67.

Executive Division.	No.	Locality.	Projects. Description	Amount of Estimate.	Computed Expenditure to 30th April 1866.	Estimate for 1866-67	Remarks or references.
			Brought forward	54940			
No 1 Range	6	Yalamanchilly	Sub Magistrate's Office	4200		4200	Order of Govt dated 20 June 1864 No 1773.
No 3 Do	7	Royagudda	Do	2680		2680	Do dated 24th October 1863 No 3250
			Total Civil Buildings			61820	
			Agricultural.				
No 1 Range	8	Chamalapalle	Constructing a Dam across the Malalagedda	2940	-	2940	Govt Order No 3390 dated 25th November 1863.
			Minor Works below 500 Rupees			2000	
			Total Agricultural			4940	

Imperial Fund.

Detail of Estimate

Vizagapatam District

Part II.

Original works for 1866-67.

81A

Executive Division	No.	Locality	Projects. Description	Amount of Estimate	Compiled Expenditure to 30th April 1866.	Estimate for 1866-67	Remarks or references.
			Communications.				
No. 2	Range — 9		Road from Vizagapatam to Cassee -pilu 40 Miles	115000	52392	25000	Budget of 1865-66 Item No. 87 Numbered 1 in red ink on the Map
No. 2	Do — 10		Petta Ghat Road		11000	5000	Do Item No. 89
No. 2	Do — 11		Construction of Road and the clearing of Jungle in the Jeypur Country		5000	10000	G. O. No. 1653 of 15th June 1865.
No. 2	Do — 12		Road from Pentacotta Salt Pans to Tonee	23640		10000	Do of 10th March 1865. Numbered 4 in red ink on the Map
No. 3	Do — 13		Road from Tejenagrum to Par-vatipur	123550		25000	The Road has been surveyed and the Estimate is under preparation in this Office. It has long been considered a work of much importance by the Revenue Department and the Estimate was called for by Government as far back as 1863, vide, G. O. No. 1253 of 18th May 1863. Numbered 3 in red ink on the Map.
						75000	Carried forward

77A

Imperial Fund.

Vizagapatam District

Detail of Estimate Part II. original works for 1866-67.

Executive Division	No	Locality	Projects Description	Amount of Estimate	Compiled Expenditure to 30th April 1866.	Estimate for 1866-67	Remarks or references.
				Brought forward		75,000	79A
	No 2	Range 14	Road from Anakapilly to Chodavaram			10,000	Survey and Estimate under preparation and will be submitted immediately. Numbered 5 in red ink on the Map
	No 3	Do 15	Metaling Road from Parvatipur to Palcondah			10,000	Estimate under preparation.
	No 2	Do 16	Masonry works on Trunk Road No 6 from Sobbaram to Chittivalsa (Revised)	36,861	32,037	4783	Budget of 1865-66 Item No 116. Numbered 2 in red ink on the Map
			Minor Works below 500 Rupees			1,000	
				Total Communications		1,00,783	
				Total New Works		1,67,523	
			Compensation for lands occupied by the Gubbada Channel &c			1127	
				Grand Total		1,68,670	

Superintending Engineers office
1st Division Waltair
8 November 1865

N.B.
The works entered under each of the Budget heads according to classification have been arranged as far as possible in the order of their importance

This amount is applied for by the Principal Assistant Collector of the Vizagapatam District

L Beatte Capt R.E.
Offg Superintending Engineer

Vizagapatam District

Part II.

From

The Offg Supt Engr

to Bengal

To The Secretary to Government

Dept

Dated 8 November 65

Despd to — do —

Rec'd

Detail of Estimate

for Original works for

1866-67.

Ent D 15/166

f. 61 Feby 166 to 249.

20

Imperial Fund

Ganjam District

Part III.

Detail of Estimate for Repairs for 1866-67.

83A

	Estimate 1866-67 Amount	Total	Estimate 1865-66 Amount	Total	
Military.					
Berhampore					
Minor Repairs below 2500 Rs each	320	320	320	320	
Civil Buildings.					
Salt works	4790		4790		
Police works	600		300		× The sum of Rs 300 allotted in 1865-66 for Police Buildings has been found inadequate.
Other Buildings	700		700		
		6090		5790	
Agricultural.					
Irrigation Canals, Tanks, Dykes Drainages	14600	14600	14600	14600	
Communications.					
Maintenance allowance to Road from Chicacole to Calingapatam	3050		3050		
do do to Road from Chicacole to Palcondah	2500		2500		
do do to 39½ Miles of Trunk Road No 6 from Chicacole to Amthrashapir	4740		4740		
do do to Trunk Road No 6 from Mathrashapir to Bengal Frontier. 10 Miles at 200 Rs and 50 Miles at 125 Rs per Mile	8250		8250		
do do to Road from Berhampore to Aska 25 Miles at 200 Rs	5000		5000		
do do to Road from Aska to Russellcondah	3000		3000		Govt No 25 1032 & 1876 31 May 1858 & 5 Augt
Repr Travellers Bungalow	3200	×	0		× This includes 200 Rs for Annual Repairs to Buildings erected for the use of Secretary & Public Officers on 26 Augt 1861 Govt No 6 Revy Dept.
Minor Repairs below 2500 Rs each	21283	57023	21283	47823	
Miscellaneous Public Improvement					
Items below 2500 Rs each	100	100	100	100	
		Total Repairs	72133	68633	
Repr Tools and Stores	1850	1850	1850	1850	
		Total -	73983		

Superintending Engr Office
Fort St. David
8 November 1865.

C. Purdon

H. Beatte Capt R.E.
Offg Superintending Engineer

Memorandum shewing the details of work, the Estimates of which are under 2500 Rs.

850

		Estimate 1866-67 Amount	Total	Estimate 1865-66 Amount	Total	
Military-						
Cantonment	Roads at Berhampore	120	120	120	120	The difference of Rs 200 between this & that shewn in part III is required for building
Annual Repairs	to Approaches of Chicacole Bridge	60	-	60		
do	to Road from Teckally Jute farm to Poondey	720		720		
do	to Road from Kimedy to Nursamapitta	640		640		
do	to Road from Chittiada to Jaru	880		880		
do	to Road from Nurseamapetta to Calingapatenam	700	-	700		
do	to Roads from Bonally to Nowpada Salt pans	1200		1200		
do	to Road from Kimedy boundary to Teckally	550		550		
do	to Road from Teckally to Nowpada Salt pans	500		500		
do	to Road from Omeravilly salt pans to Chicacole and Calingapatenam	240		240		
do	to Road from Cassecheogah to Dendageedda	2280		2280		G.O. No 1120 of 22d May 1862.
do	to Road from Nowpada to Cassecheogah	2180		2180		
do	to Road from Nowpada Salt pans to Seggemathapir on Road from Chicacole to Palconda	2350		2350		
do	to Road from Berhampur to Gopalpur	1125		1125		
do	to Road out side the Town of Berhampur	300		300		
do	to Road connecting Berahola on Trunk Road No 6 with the part of Sonapur	612		612		
do	to Road on do do with the part of Gopaulpore	300		300		
do	to Road from Russelcondah to Mojagaddah	296		296		
do	to do from do to Kellacotah	300		300		
do	to do between Mojagaddah and Sunkerakole completed portion 21 Miles	2100		2100		
do	to do Nika & Darangaboty Completed portion 16 Miles	1600		1600		
	Discretionary Allowance	1500	20433	1500	20433	G.O. No 390 of 22d Sept/65

* The difference Rupees 850 between this & that shewn in part III is required for the purpose of the following Works.

Bridges 500
Ferries 100
Contingencies 250
850

Capt & Engineers Gin
Waltair 8th November 1865

L. Beatty Capt & E.
Offg Superintending Engineer

Georgia Districts
Part III

from
The Offg Supy Engineer
pr Duncan

to The Secretary of War
D.C.

Dated 8 Nov 65
Despatch
No

Detail of Estimate
for Repairs 1866-67

DW 3/5/66
G.O. 1 Feby 66 L 2 49.

Imperial Fund. — Ganjam District. — 97A

Art II.

Detail of Estimate for original works for 1866-67.

Projects.

Executive Division	No.	Locality.	Description.	Amount of Estimate	Computed Expenditure upto 30th April 1866.	Amount of Estimate for 1866-67.	Remarks or references.
			Military.				
			None.				
			Civil Buildings.				
No 3 Range Vizagapatam	1	Russelconda	Taluq Cutcherry	5750	3430 - 320 = 3750	2000	Order of G.G. dated 21st Jan 1864 No 264 Dept. Ref. 960 dated 6th June 1864 Rs. Submitted with letter No 1632 dated 22nd June 1865 Rs 3600
	2	Darangaloo	Sub Magistrate Cutcherry & Police station House (Revised)	8750	3397	5353	
No 2 do	3	Berhampore	Zillah Jail Alterations and additions	14,318	-	10,000	Estimates under preparation and will be submitted immediately.
					Total Civil Buildings.	17,353	
			Agricultural.				
No 2 Range Ganjam	4	Injilly	Anicut across Godahallow Nullah	8,150	7520	8,150	Ordered by Government in G.G. No 338 of 6th February 1865 Rs 8150
			Minor new Works below 500 Rs.			3,000	
					Total Agricultural.	11,150	

89A

Imperial Fund. — Ganjam District. — 97A

Art II.

Detail of Estimate for original works for 1866-67.

Projects.

Executive Division	№	Locality.	Description.	Amount of Estimate	Computed Expenditure upto 30th April 1866.	Amount of Estimate for 1866-67.	Remarks or references.
			Communications.				
№ 3 Range	5	Soorada Taluq	Making a Road from Aska to Darungabady	47,690	18312	20000	Budget of 1865-66. Item Rs 83. (Numbered 1 in red ink on the Map)
№ 3 do	6	Khond Tract	Road from Mojagudda to Sunkerakole	49,700	39700	10000	do do do Rs 84 (Numbered 3 in red ink on the Map)
№ 3 do	7	Bullepadra	Road from Aska to Russelcondah, via Bullepadra, Vishnoochacum & Billoogoma on the Northern Bank of Mahanuddy River	44,620	25,664	15000	do do do Rs 3396. do do do Rs 85. (Numbered 4 in red ink on the Map)
№ 3 do		Kurcholly	Branch Road from Bullepadra to Kurcholly to connect the proposed Road from Aska to Russelconda	22,470			
№ 2 do	8	Pubbacondah	Road from Aska to Ganjam Port and Salt Pans	62,700	42,500	20,200	do do do Rs 86 (Numbered 5 in red ink on the Map)
			Carried Over			65,200	

9/A

Imperial Fund. — Ganjam District.

Art II.

Detail of Estimate for original works for 1866-67.

Projects.

Executive Division	No.	Locality.	Description.	Amount of Estimate	Computed Amount Expenditure upto 30th April 1866.	Amount of Estimate for 1866-67.	Remarks or references.
							Brought Over 65,200
No 1 Range	9	Peerammadalem & Alikam	Road between Alikam and Peerammadalem	38,740		15,000	G.O. No 2943 of 9th December 1865 Numbered 2 in red ink on the Map
No 1	do	10	Metalling Road from Palconda to Calingapatam			10,000	Numbered 9 in red ink on the Map
No 1	do	11	do do do from do via Bomally to Serupadah			10,000	Estimates are under preparation. Numbered 10 in red ink on the Map
No 2	do	12	Metalling Northern Trunk Road between Berhampore and Bengal Frontier			10,000	Estimate will be submitted shortly. Numbered 6 in red ink on the Map
No 2	do	13	Metalling Road between Aska and Berhampore			10,000	do do Numbered 7 in red ink on the Map.
						Carried Over	120,200

Imperial Fund.

Ganjam District.

Art II.

Detail of Estimate for original works for 1866-67.

Projects.

Executive Divisions	№	Locality.	Description.	Amount of Estimate	Computed Amount of expenditure upto 30th April 1866.	Amount of Estimate for 1866-67.	Remarks or references.
№ 2 Range	14		Excavating a Canal from Chilka Lake to Ganjam River including Lock	122,000		25,000	This important project, which Govt. refused to give over to the East India Irrigation Company who would have completed it in one season, should if possible find a place in the Budget, as it promises to prove of the greatest advantage to the trade of Ganjam and highly remmmmerative to Govt. The Report called for in Government order № 3642 of 20th December/64 will be submitted as soon as possible. Numbered 8 in red ink on the Draft
			Minor works below 5000 Rs			1000	
			Total Communications			146,200	
			Total New Works			174,703	

Superintending Engineer's Office
1st Division Waltair
6 November 1865.

N.B.
The works entered under each of the Budget heads according to classification have been arranged as far as possible in the order of their importance.
Ed. L. Vanderson

P. Beatty - Capt. R.E.
Offg. Superintending Engineer.

97A

95A

Gangum District

Part II

from

The Offg Secy Govt Engineer

per Steamer

To The Secretary Board

P.W.D.

Dated 8th November 65

Desp do — do —

Rd

PW 315 166

Budget 1st Feby 66 No 495 to 506.

Detail of Estimate

for Original works

for 1866-67.

Nellore District 991

Memorandum shewing the Maintenance Grants included in this Budget of 1866/67.

Station or Locality	Items	Amount	Remarks.
	Imperial		
in Nellore Range	Trunk Road No VII from Ponneyaudy back water to the 36th Mile Stone	1250	GO. No 2283 11th December 1861.
do — 2d do — Centre Ranges	do from Arambauk to Kovoor 115th Mile	1362	GO. No 2729 18th December 1858.
2d Centre & 4th Northern Ranges	do from 115 to 185 Miles from Covoor to Cingole	7600	GO. No 2433 Dated 17th November 1858.
4th or Northern Range	Trunk Road No VII from Moodegondah river to Coopersapah	2840	GO. No 620 23d April 1857.
do.	Road from Angole to Cumbum	4220	GO. No 620 23d April 1857.
do —	Road from Angole to Kottapatam 8 Miles at 150 Rs per Mile	1200	GO. No 2224 3d August 1864.
1st Nellore & 2d Western Range	Road from the foot of Ghat to Goodoor	3100	GO. No 288 26th February 1856.
1st Nellore Range	Gravelling the Cross of Nellore Amount	800	GO. No 2104 13th November 1861.
do 2d Centre & 3d Western Ranges	Road from Dornal pass to Kishnapatam	5600	GO. No 723 25th October 1855
1st Nellore Range	Annual repairs & Ferry Boats, one for the Sowarnamooky & two for the Pennair rivers	488	GO. No 452 23d August 1865.
	Carried forward	44410	

	Brought forward	44410	
1st Telloor Range	Road from Gudur to Dorgerangepalaud	1600	Application will be sent hereafter
	Total Imperial	46010	

Local Funds

2d Centre Range	Allur & Rajoopolem Road	1660	do.
do.	Allur & Ishakapilly Road	750	do
do.	Allur & Karoovinpoonta Road	300	do
4th Northern Range	Kanigiri, Kandukur and Polapollem Road	1200	do
do.	Settur & Ramapalaud Road	250	do.
	Total Local Funds	4150	

Commissioner Lieut Colonel
Superintending Engineer &c &c

Superintending Engineers Office
Masulipatam
28th October 1865

From
The Supt Engineer
2d Division

To
The Secretary to Govt
P.W.D.
Madras.

Dated 25th October 1865

Received

Salem District

Memorandum showing
the Maintenance Grants
included in the Budget of 1866/67

P.W. 216/166

Kistna District

Memorandum showing the Maintenance Grants included in the Budget of 1866/67

Station or Locality	Item	Amount	Remarks.
	Imperial		
	Military		
Masulipatam Range	Repairs & Cantonment Roads at Masulipatam	341	G.O. No 352 of 1865 published at page of St George gazette page No 692
	Communication		
Bezwada Masulipatam Ranges	Annual repairs for keeping in order the whole lines of Road from Masulipatam to Bezwada 62 Miles at 150 Rs per Mile	6,300	G.O. No 2280 11th December 1861
Nundigaum Ranges	Annual Repairs & Road from Bezwada & Nizam's frontier 72½ Miles at 150 Rs per Mile	10,875	G.O. No 245 of 2nd Feby 1857. No 2018 of 21st Augt 1857 No 2852 of 28th Novr 1862 No 1298 of 6th May 1864
Palnaud Range	Annual repairs to Trunk Road No VII from Kesseraparu Cowaduru Pongulu 42 Miles at 100 Rs per Mile	4,200	G.O. No 1298 of 6th May 1864.
Guntur Range	Annual repairs to Trunk Road No V from Seetanagram to Guntur 10½ Miles at 150 Rs per Mile	1575	G.O. No 1656 of 15th June 1865
Dumpetta Range	Annual Repairs for keeping in good order the Salt Road from Undole to Chinganjanum 8 Miles at 100 Rs per Mile	800	Estimate will be submitted shortly
Masulipatam Range	Annual Repairs for keeping do do from Gudivada to Penumaluy 32 Miles at 50 Rs per Mile	1600	do do
	Total Communication	25,350	
	Total Imperial	25,691	

Local Funds

Baspettah Gumbiroo Range	Road from Gunter to Punnoo 17 Miles at 100 Rs per Mile	1700	Vide Local Fund Regn. of 1865/66 Page 13.
Baspettah Range	Road from Punnoo to Sandole 6 Miles at 50 Rs per Mile	300	Do
Do	Road from Punnoo to Baspettah 14 Miles at 50 Rs per Mile	700	Do
Bazgoola Range	Road from Guduwada to Pa. Amin 8 Miles at 50 Rs per Mile	400	Do
Do	Road from Kumkipaud to Pasalaud	500	Do
Do	Road from Kumkipaud to Guduwada 16 Miles at 50 Rs per Miles	800	Do
Do	Road along the bank of Pynee Channel 14 Miles at 50 Rupees per Mile	700	Special Grant will be required
	Total Local Funds	5100	

Geo. Morrison Lieut. R.E.
Superintendent

Superintendent's Office Vizagapatam
25th October 1865.

From

The Supy Engineer
2d Divisn

To The Secretary to Govt
Dept. Pubc
Madras

Dated 25th October 18

Recd

Nellore District

No V 216 166

Nellore District 1071

Part III

Detail of Estimates for Repairs for 1866/67

		Estimate 1866/67 Amount	Estimate 1865/66 Total Amount	Total
Civil Buildings				
Nellore District- Repairs & Salt Work		7000		
Minor Repairs not exceeding 2500 Rs each		2500	9500	
Total Civil Buildings			9500	9850
Agricultural				
Pennair Anicut	Repairs		3000	
Gundavaram Channel	Clearing		1500	
	Repairing	1500	3000	
Allur Tank	Clearing & Deepening	2000		
	Repairs & Revetment	700	2700	
Atmakur Tank	Repairs		2600	
Minor Repairs not exceeding 2500 Rs each			28500	
Special do	do		1000	
Total Agricultural		40,800		40,000
Communications				
Trunk Road No VI	Repairs & renewals & metalling from Kavur & Arumbaka 115 Miles	17362		17362
	do & do from Sonemgady back water to 36th Mile Stone	1200		1200
	Carried forward	18562		18562

		Estimate 1866/67 Amount	Total	Estimate 1865/66 Amount	Total
	Brought forward	18562		18562	
	Repairs & renewals & Metalling from 115 & 185 Miles from Covoor & Angole	7600	26162	7600	26162
Trunk Road No VII	do & do from Moodegandah river & Coffeeraspaud	2840		2840	
Cumbum Road	do & do from Angole & Cumbum	4220		4220	
	do & do from Angole & Kottapatam	1200	5420	1200	5420
Dornal Road	do & do from Dornal pass & Kistnapatam	5600		5600	
Rapoor Road	do & do from the foot of Rapoor Ghat to Goodoor	3100		3100	
	Minor Repairs not exceeding 2500 Rs each	3888		1288	
Travellers Bungalows	do do	800			
Special Repairs	do do	200		50	
	Total Communications	48010		44460	
	Total Imperial	98310		94310	
	Local Funds				
	Communications				
Minor Repairs not exceeding 2500 Rs each		4150		1000	
	Total Local	4150		1000	
	Grand Total	102480		95310	

Supdg Engineers Office &c
Masulipatam
28th October 1865

Geo Norcott Lieut Colo R.E.
Superintending Engineer &c

From
The Superintendent
2d Division
To The Secretary to Govt
of P.W.D.
Madras

Dated 28th October 1865

Received

Select Record

Part III

Detail of Estimate for
Repairs for 1866/67.

W 31 66

B 2

Trichinopoly District

Part III

Detail of Estimate for Repairs for 1866/67

		Estimate 1866/67 Amount	Estimate 1865/66 Total Amount
Madulipatam	Military		
	Minor Repairs not Exceeding 2500 Rs Each	1500	
	Maintenance of Cantonment roads	341	
	Special Repairs	250 2091	
	Total Military	2091	2100
	Civil Buildings		
Madulipatam	Minor Repairs not Exceeding 2500 Rs Each	4000	4000
Guntur	do.		1000
Trichinopoly District	Repairs to Jail Yards		2500
do.	Minor & Special Repairs not Exceeding 2500 Rs Each		1500
	Total Civil Buildings	9000	6334
	Agricultural		
Trichinopoly Ancient	Repairs		15000
Madulipatam	Repairs to banks	8000	
Canals	Clearance of beds	20000	
	Repairs to bunches	8000	
	Do to Locks & Calingulas	1000	37000
Ellore Canals	Repairs to banks	3000	
	Clearance of beds	3000	
	Repairs to Locks &c	500	8500
	Carried forward	60500	

		Estimate 1866/67 Amount	Total Amount	Estimate 1865/66 Total
	Brought forward		60500	
Sigapatam Canal	Repairs to banks	1000		
	Clearance of beds	4000		
	Repairs to branches	5000		
	do to Vaikal and Calingulam	1500	11500	
Western Banks Channel	Repairs to banks	2000		
	Clearance of beds	1000		
	Repairs to branches	2000		
	do to Calingulam	500	5500	
Commamore Channels	Repairs to banks	3000		
	do to branches	3000		
	do to draining Districts	1000	7000	
Pyper Canal	Repairs to banks	2000		
	Clearance of beds	2000		
	Repairs to branches	2000		
	do to sluices	500	6500	
Porlair	Repairs to banks	5000		
	Clearance of beds	5000		
	Repairs to branches	10000		
	do to draining do	2000	22000	
Telicha District	Minor repairs not Exceeding 2500 Rs Each		20000	
do	Special Repairs do		6000	
	Total Agricultural	139000	"	111000
	Communications			
Hyderabad Road	Repairing in good order from Masulipatam to Ra. Gooch 62 Miles	6300	6300	
	Repairs & Removals to Metalling from Razapoly to Nizams frontier 2¼ Miles	10875	10875	
			17175	17175

		Estimate 1866/67 Amount	Total Amount	Estimate 1865/66 Total
	Brought forward		17175	17175
Trunk Road No VII	Repairs & Removals to Metalling Ghats	4200	"	4200
Telicha District	Minor repairs not Exceeding 2500 Rs Each	11975	"	5900
do	Travelling Bungalows	2000	"	-
do	Special Repairs	1000	"	50
	Total Communications	36350		27325
	Miscellaneous Public Improvements			
Telicha Dist	Minor Repairs not Exceeding 2500 Rs Each	1000		
	Total Miscellaneous Imp.	1000		300
	Total Imperial	187441		147059
	Local funds			
	Communications			
Telicha District	Minor Repairs to Roads not Exceeding 2500 Rs Each	10000		
do	do to Ferry boats do	1500		
	Total Communications	11500		10000
	Total Local Funds	11500		10000
	Grand Total	198941		157059

Supg Engineers Office 2d Div
Masulipatam
25th October 1865.

Geo. Nicolson Lieut Col R.E.
Superintending Engineer 2d Div

1574

From

The Lieutenant Engineer
2nd Division

To the Lieutenant
Col Gen Dist

Charleston

Dated Oct. 6th October 1865

Subject

Thirteenth District

Part III.

Detail of Estimates for
Repairs for 1866/67.

Post Sullivans Island

A-1

Nellore District
Part-II.

Detail of Estimates for Original Works for 1866/67

Executed Division No	Locality	Projects Description	Amount of Estimate	Computed expenditure to 30th April 1866	Estimate 1866/67	Remarks or References.
		Civil Buildings				
4 or Northern Range	1	Ongole — Constructing Taluq Cutcherry at Ongole	11334	9144	2190	Order of Govt dt 30th November 1863 No 3499 21st June 1864 No 1794. and 28th August 1865 No 2493 Budget of 1865/66 No 23.
1 or Nellore Range	2	Nellore — Constructing Police huts & Station houses			3500	
4 or Northern Range	3	Kanagery — do —	Taluq Cutcherry at Kanagiri	11334		3000
3 or Western Range	4	Atmakur — do —	do — at Atmakur	12280		3000
do	5	Udiagiri — do —	do — at Udiagiri	11425		3000
do	6	Rapur — do —	do — at Rapur	11425		3000
1 or Nellore Range	7	Venkatagiri — do —	Sub Magistrates Cutcherry at Venkatagiri	4300		2500 Estimate under reference to Collector & will be submitted shortly
		Minor Works not Exceeding 2500 Rs each				5000
		Total Civil Buildings				25190
		Agricultural				
1 or Nellore Range	1	Nellore — Improvements & Surveying				10000 Estimates will be submitted shortly
do	2	do — Excavating a Canal of Irrigation from Nellore to Kistnapatam.		59600	49089	2000 Order of Govt dt 28th August 1865 No 1631 Budget of 1865/66 No 67.
		Carried forward				12000

Nellore District
Part III

Detail of Estimates for Original Works for 1866/67

Executive Division No	Locality	Projects Description	Amount of Estimate	Computed expenditure to 30 April 1866	Estimate 1866/67	Remarks or Reference
		Brought forward			12,000	1194
1 or Nellore Range	3	Nellore	Improving the Embankment along the South Margin of Pennair River at Nellore.	16,400	5824	6,000 Order of Govt 12th July 1864 No 2005 Budget of 1865/66 No 80
do	4	do	Constructing an Embankment along the right bank of the Pennair river	13410 / 13450	10223	3187 / 3227 Order of Govt 5th October 1865 No 1835.
do	5	do	Improving Nellore Tank.	17,100	8183	5,000 Order of Govt 28th October 1857 No 2021 Budget of 1865/66 No 78
2 or Centre Range	6	do	Embanking the North side of Pennair River where necessary between Sangam & Pennair Amount	Nil		2000 Estimates under preparation by the Range Officer
4 or Northern Range	7	Chatachula	Improvement of Chatacherla Gogola Tank.	Nil & 3437	3437	Estimate will be submitted shortly
			Minor Works not Exceeding 2500 Rs each.			15,000
			Total Agricultural			46,664
			Communications			
2 or Centre Range	1	Muduvoor	Constructing an Embanked Road & Masonry Works across Moosanur Valley on Link Road No VI	68630	10817 / 11829 / 22715	22,000 / 16,000 Order of Govt d/ 22d April 1864 No 1152 Budget of 1865/66 No 92.
2 or Centre & 4 or Northern Ranges	2	Nellore to Ongole	Masonry Works on Link Road No VI between 116 to 185 Miles	102350	7900 / 7917 / 8070	10,000 Orders of Govt d/ 12th August 1856 No 1405 and 9th August 1864 No 2286 Budget of 1865/66 No 119.
			Carried forward			26,000

Nellore District

Part III

Detail of Estimates for Original Works for 1866/67

Executive Division No	Locality	Projects Description	Amount of Estimate	Computed expenditure to 30th April 1866	Estimate 1866/67	Remarks or Reference
		Brought forward &c			26,000	12 16
2d or Centre & 4th or Northern Ranges	3 Between Coovum & Pulicat	Construction of Trunk Road No VI			15,000	Estimate under preparation & will be submitted thereto
1st or Nellore Range	4 Between Arumbauk & Nellore	Putting into thorough repair a portion of Trunk Road No VI from 49th to 95th Miles	43714	33793	5000	Orders of Govt 25th June 1861 No 1182, 7th April 1862 No 640 & 3d June 1862 No 1244
1st or Nellore 2d or Centre & 3d or Western Ranges	5 Kishnapatam & Sudapah	Completing Nellore and Sudapah Road	101000	52580	10000	Orders of Govt 8th February 1859 No 328 & 17th January 1863 No 1927 Income Tax Fund & Budget of 1864/65 No 12. Revised Estimate under preparation.
4th or Northern Range	6 Angole & Kottapatam	Angole & Kottapatam Road	50200	45530	4670	Order of Govt 8th March 1864 No 697 Budget of 1865/66 No 93.
1st or Nellore Range	7 Doogerazpatam	Constructing a Metalled Road from Doogerazpatam to Sloveyard	6300	1856	4444	Order of Govt 24th June 1864 No 1824 Budget of 1865/66 No 94.
2d or Centre Range	8 Gavaravaram	Constructing 1 Class Travellers Bungalow at Gavaravaram	3300		4000	Estimates Submitted to Government with Letter No 87 dated 24th Oct 1865 through the Collector of Nellore
do	9 Rachurlapadu	do 2d do Rachurlapadu			2260	
4th or Northern Range	10 Tetlee	do 1st do Tetlee	3300		2000	Struck out Vide Cor 4920
		Minor Works Not exceeding 2500 Rs each			3500	
		Total Communications			74,614	
		Total Imperial Fund			146468	

Nellore District
Part II.

Detail of Estimates for Original Works for 1866/67

Executive Division No	Locality	Projects Description	Amount of Estimate	Computed expenditure to 30th April 1866	Estimate 1866/67	Remarks or Reference
		Local Funds				
		Communications				
For Northern Range 1	Somalaw to Ulapolem	Constructing Kanagery, Kandukur and Ulapolem road to the beach between Somalaw & Ulapolem	34,150	24,500	5,000	Estimate sent to Collector on the 21st Sept 1865 for submission to Government — Local Fund Budget of 1865/66 No 20.
2nd Central Range 2	Allur to Sakapilly	Allur & Sakapilly Road to the beach.	24,190	13,750	2,000	Sanctioned by the Supt Engineer on the 7th July 1865. do of Budget of do No 21
3rd Western Range 3	Somasamudram to Nellore	Road from Somasamaram to Nellore by Podalakur with a branch from latter place to Trunk Road No VI North of Manabole		4921	2,000	Estimate under preparation Local Fund Budget of 1865/66 No 25
2nd Central Range 4	Allur to Kavoorapoonla	Completing Kavoorapoonla and Allur Road from Trunk Road No VI	8210 (8120)		2,000	Order of Govt dated 29th Sept 1865 No 3615 Order of Govt 19 October 1865 No 3115
For Nellore Range 5	Nellore to Gungapalam	Nellore, Gungapalam and Myypad Road to the beach	7500	2100	1,000	Local Fund Budget of 1864/65 No 22
				Total Local Funds —	12,000	
				Grand Total —	158,468	

1731

Supt Engineer's Office &c &c
Manbilipatam
25 October 1865

Geo. Thomas Hobbs
Superintending Engineer &c &c

1774

From

The Supdg Engineer

2d Division

To

The Secretary to Govt

D. P. W.

Madras

Dated 25th October 1865

Received

Nellore

~~Nellore~~ District

Part II

Detail of Estimates for

Original Works for 1866/67

W. No 816/66

Encl 2-B

Kistna District

Part II

Details of Estimates for Original Works for 1866/67.

Executive Division No.	Locality	Description	Amount Estimate	Expenditure to 30th April 1866	Estimate 1866/67	Remarks or References.
		Projects				
		Military				
		None				
		Civil Buildings				
Manultpatam Range	1	Buntoomilly	Improving Salt-flat Jetty at Buntoomilly.	11,000	4,223	5,000	Order of Govt dt 31 Augt 1865 No 2506 Budget of 1865/66 No 24.
Guntoor do	2	Guntoor	Improvements to Guntoor Jail	8460		4,000	Estimate ready & will be Submitted shortly.
Kistna do	3	Kistna	Constructing Police Hut & Station House			3,000	
Palnad Range	4	Dachapilly	Constructing Taluq Cutcherry at Dachapilly	10,600		4,000	Order of Govt dated 8 February 1865 No 364.
Baptetla Range	5	Kakoomanoo	do	Sub Magistrates Cutcherry at Kakoomanoo	4080		2,000	Estimate ready & will be submitted shortly
			Minor Works not exceeding 2500 Rs each			4,000	
			Total Civil Buildings			24,000	
		Agricultural				
Rapully Range	1	Moomuzy	Clearing and Improving the Moomuzy drainage Channel and Construction an Under Tunnel.	12,070	10440	1630	Order of Govt dt 11 Decr 1863 No 3662 and 16 Sepr 1865 No 2736 Budget of 1865/66 No 81
Bezoarah Range	2	Bezoarah	Strengthening the Head Sluice of the Kistna Anicut Main Channel at Bezoarah fitting an additional Set of Shutters & Lock Vent	9700	7000	2700	Order of Govt dated 27 March 1865 No 834.
		Carried forward				4330	

Kistna District.

Part II

Details of Estimate for Original Works for 1866/67.

Projects.

Executive Division No	Locality	Description	Amount Computed Estimate Expenditure Estimate to 30th April 1866	Estimate 1866/67	Remarks or References.
		Brought forward		4330	1317
Repelle Range 3	Dosgeralla & Chinnagunjam	Extension of the Commamoor Channel and subsidiary Works	185460	49766	30000 Order of Govt dt 15 Decr 1863 No 3699 Budget of 1865/66 No 64
Rapully Range 4	Ravindrapalem & Tidal Water	Channel from Vullabapooram to Tidal Water	139700	98364	25000 Order of Govt dt 31st August 1856 No 1408 and 5th November 1863 No 3232 Budget of 1865/66 No 61.
		Excavating branch Channel & Subsidiary Works from Western Bank Channel of Kollipara in Rapully Taluq.	6779		
			146479		
Masulipatam Range 5	Bantumilly & Pollair	Widening the lower portion of [illegible]	98710	84852	13858 Order of Govt dt 17 Decr 62 No 3028 and 16 January 1863 No 126 Budget of 1865/66 No 63.
			5340		
			104050	27111	11858
Rapully Range 6	Seetanagram	Sloping down the banks of the main Canal from the Southern flank of the anicut and Enlarging the head of the main Channel from Seetanagram to Dosgrialla	11144		13858
			209800		5240
			7870		1600
			3640	153521	16000 Order of Govt dated 18 Decr 1856 No 2358, 24 Decr 1861 No 2382, 17 June 1862 No 1376 and 27 March 1865 No 636 Budget of 1865/66 No 62.
			19300		
			19590		
			8430		
			269774		
Bezwada Range 7	Bezwada	Improvements & Channels in the Masulipatam Section of Kistna Delta	172830	10000	25000 Order of Govt dt 17 March 1865 No 747 Concerned [illegible] 4564
Rapully Range 8	Peddavadlapoody & Nizampatam	Cutting a new Channel from Peddavadlapoody to Nizampatam	240457		Order of Govt dt 20 Feby 1854 No 220, 30 Octr 1856 No 2009, 5 October 1861 No 1832, 11 May 1861 No 986, 9 January 1863 No 50 Budget of 1865/66 No 60.
			11250		
			34600	9214	
			3907		
			290214		
				108402	

Carried forward

Kistna District.

Part II

Detail of Estimate for Original Works for 1866/67.

Projects

Executive Division No	Locality	Description	Amount of Estimate	Computed expenditure to 30th April 1866	Estimate 1866/67	Remarks or References.
		Brought forward			108402	1338
Rajahmundry Range	9 Dorgrallas	Constructing 1 Class Lock at Dorgrallas & Connect Rajamahendravaram Canal & Kommamoor Channel.	27,800	5330	10,000	Order of Govt dt 19 Nov 1863 No 3387 Budget of 1865/66 No 65.
Do	Do Mutlur	Excavating an Irrigation Channel for Mootoor lands.	2680		2680	Order of Govt 25 Nov 1863 No 3454.
do	Do Modoorlanka	Excavating an Irrigation Channel for Modoorlanka lands.	3358		3358	do do
Mamidipalem Range	12 Mopedavu	Improving & Strengthening the Embankment of Kistna from Gemanda Coodooru to Mopedavu	56910	28391	10,000	Order of Govt 18 Feby 1857 No 329. Income Tax Budget of 1864/65 No 5.
Nandigam Range	13 Bezawada & Ibrampatam	Raising and Strengthening the Embankment of Kistna from Bezawada to Ibrampatam	12300	3357	2500	Order of Govt 4 November 1865 No 3213 Budget of 1865/66 No 79.
		Minor Works Rot Exceeding 2500 Each			8000	
		Total Agricultural			144940	
		Communications				
Nandigam Range	1 Bezawada & Ibrampatam	Metalling portion of Hyderabad Road from Bezawada to Ibrampatam	10000	5000	5000	Order of Govt 7 March 1865 No 630
Guntoor Range	2 Guntoor & Seetanagaram	Trunk Road No 6 from Seetanagaram to Guntoor	26077	18018	8059	Order of Govt 9 May 1863 No 1179 Budget of 1865/66 No 90
		Carried			13059	

Kistna District
Part II

Details of Estimate for Original Works for 1866/67.

Projects.

Executive Division No	Locality	Description	Amount Estimate to 30th April 1866	Computed Expenditure Estimate 1866/67		Remarks or References.
		Brought forward	13059			13571
Palnad Range 3		Trunk Road No VIII between Cottapad and Sandigul	8870	5672	6000	Order of Govt dated 20th June 1854 No 247
Bezwada Range 4	Casarapilly	Constructing a Bridge across Ellore High Level Canal at Casarapilly	8180		3000	Plan & Estimate under preparation & will be submitted shortly
do	Darikeed	do do at Darikeed (Salt Work)	7000		3000	do do
Masulipatam 6 Range.	Argole	Constructing a Road 2 Lacs of 100 Yards in length on the road between Argole and Pootagoonta (Salt Work)	2760		2760	Estimate sent to Collector with letter No 125 dated 17 October 1865 for submission to Government.
do	Masulipatam & Munganapur	Canal from Masulipatam Basin to the Salt Colair at Munganapur (Salt Work)	6120	1021 1754 2775	5000	Order of Govt dated 23d February 1865 No 515.
		Minor Works not Exceeding 2500 Each			4000	
		Total Communications			36819	
		Miscellaneous Public Improvements.				
Masulipatam 1 Range	Masulipatam	Excavating a Channel from Sultanagram Bridge into the Town of Masulipatam	18080	11960	6120	Order of Govt dated 2d June 1865 No 1492
		Carried forward			6120	

Kistna District

Part II

Details of Estimate for Original Works for 1866/67.

Projects.

Executive Division No	Locality	Description	Amount Computed by Estimate Expenditure Estimate to 30th April 1866	Amount Estimated for 1866/67	Remarks or References.
		Brought forward		6120	
Manuttapatam Range	2	Manuttapatam Drainage Channels & Culverts in the Town	15200	3264	
do	3	do Channel along Sultanagrum swing & Sand ridge	3460	1630	137½
do	4	do Bridge with Self acting Sluice	8870	10,000	Order of Govt dy 2d June 1865 No 1502.
do	5	do Channel in continuation & Tidal Sluice	20740		* This portion of the project is emergent required to protect the Kundur Canal & to prevent several thousands of Acres being swamped
do	6	Lunkapilly Channel from Lunkapilly to Sand Ridge	12350	2428	
			60,620		
do	7	Manuttapatam Excavating drainage Channels between the Town & Station of Manuttapatam	5640	966	1500 Order of Govt 1 December 1862 No 2 Income Tax Budget of 1864/65 No 1.
		Minor Works not exceeding 2500 Rs each		800	
		Total Miscellaneous Improvements		18420	
		Grand Total		Imperial Fund 224179	

15200 Deduct Embankment No 6 [illegible]

Kistna District

Part III

Detail of Estimate for Original Works for 1866/67.

Projects

Executive Division No	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866	Estimate 1866/67	Remarks or References.
		Local Funds				
		Communications				
Manultpatam Range.	1 Manultpatam & Cowtaram	Road from Manultpatam to Cowtaram		3100	4000	Estimate under preparation Local Fund Budget of 1865/66 No 13.
Rapully Range	2 Pellatoor & Sandole	Coast Road from Pellatoor to Sandole	3610	1500	1000	do — & do — No 18
Manultpatam Range	3 Manultpatam & Bentotmilly	Road from Manultpatam to Bentotmilly		2500	3500	do — & do — No 12
Rapully Range	4 Jagerlamoody & Tenally	Road from Jagerlamoody to Tenally	4780	3780	1000	Sanctioned by Collector on 20th June 1862 Local Fund Budget of 1865/66 No 15
Nandigam Range	5 Juggapetta & Chillagalla	Constructing Road from Juggapetta to Jone Hyderabad road at Chillagalla	3540	1920	1620	Sanctioned Govt G.O. dated 15th Dec 64 No 359 Income Tax Budget of 1864/65 No 6.
Bapetla Range	6 Pomoor & Sandole	Road from Pomoor to Sandole		2500	2500	Estimates under preparation Local Fund Budget of 1865/66 No 16
Palnad Range	7 Dachapilly & Guntoor	do from Guntoor to Seduguralla & from Dachapilly to Tsomakacottah		5000	4000	do — do — & do — No 17
Rapully Range	8 Pomoor & Intoor	do from Pomoor to Intoor		1500	3500	Estimate sent to Collector on the 9 October 1865 for Submission to Govt Local Fund Budget of 1865/66 No 14.
		Minor Works not exceeding 2500 Rupees			2000	
		Total Communications			23120	
		Miscellaneous Public Improvements				
Manultpatam Range	1 Redemolee	Constructing a Mill to be worked by water wheel at Redemolee on Manultpatam Canal			1270	Estimate sent to Collector on the 18 Sept 1865 for Submission to Government
		Total Miscellaneous Improvements			1270	
		Total Local Funds			24390	
		Grand Total			24859	

Supt Engineers Office 2d Div
Manultpatam
26th October 1865.

Geo. T. Biscoe Lieut Col RE
Superintending Engineer 2d Div

V. 1866 Depte

12

No. 816.

From
The Acting Engineer
25 Division.

To
The Secretary
to Govt. of M.

Dated 25 October 1865.

Rec. 23 Jany/66.

No. 105 1/4 Feby 1866.

Kistna District.

Part II.

Detail of Estimates for
Original Works for 1866/67

Memo of Minor Works not exceeding Rs. 2500 Each

Vidadapatt Range

Repairs to road from the Cantonment to Penmaur river 6½ Miles at 120 Rs per Mile		825
Do to Gunalcherru Ghat 6 Miles at 250 Rs per Mile		1000
Do to road from Vuddapatt to Canamalapatlie 7 Miles at Rs 200 per Mile		1400
Do to road from Rayachotie to Rasapoor on Penugamir road 12⅞ Miles at 100 Rs per Mile		1210
Do to Boogga Bridges		240
		4695

Pullampett Range

Repairs to road from Cheyar river to Rayampett 16 Miles at 150 Rs per Mile		2400
Do to road from Venkatramaraj pett to top of Rawpoor Ghat 20 Miles at 100 Rs per Mile		2000
		4400

Madanapallie Range

Repairs to road from Madanapallie to the Mysore Frontier 8½ at 100 Rs per Mile		850
		850

Kurnool Range

Repairs to Road from Kurnool to Karanoor 10 Miles at 100 Rs per Mile		1000
Do to Road from Kurnool to Gadidamaidgur 7 Miles at 100 Rs per Mile		700
Do to Road from Kurnool towards Secunderabad 1 Mile & 175 Yards to right bank of Toongabuddra		110
		1810

Cumbum Range

Repairs to Kanakalama Ghat 15 Miles at 100 Rs per Mile		1500
		1500

Military Boundings Range Bellary

Repairs to road from Goodalsamy to Kumpli 20 Miles 100 Rs per Mile G. O. No. 2344 of 12 Dec. 1865		2000
Do to Antapur pass		50
		2050

Bellary Ranges

Repairs to road from Bellary via Paramadevanhalli to Joladahady 13 kiles at 150 Rs per kile — 1960 / 1950

Anantapore Ranges

Repairs to road from Gooty to Kurnool 6 y kiles at Rs 150 per kile — 1050

Do to road from Gooty Jonnagherry 4 kiles at Rs 700 per kile — 700

1750

A. Allan Major R.E.
Supdg. Engineer

Supdg. Engrs Office
Bellary 2nd November 1865

From,
The Supdg: Engineer
2d Division

To
The Secy: to Government
P. W. Department

Dated 22d November 1865
Rec'd

PW 317/66

Sums of Junior works not
Exceeding Rs 2000 each
in Communications.

Ent

3rd Division.
Part III.

145

Detail of Estimates for repairs for 1866/67.

District	Station		Estimate 1866/67 Amount		Estimate 1865/66 Amount	
		Military				
Cuddapah	Cuddapah	Annual Repairs to Military Buildings	180		200	
		Special Repairs	20	200	"	200
Kurnool	Kurnool	Staff Buildings	450		450	
		Special Repairs	50	500	50	500
Bellary	Bellary	Annual Repairs to Military Buildings	10.200		10.200	
		Do to Cantonment Roads	4660		4660	
		Special Repairs	2200	17260	2200	17260
		Civil Buildings				
Cuddapah	Podalore	Minor Repairs to Taluq Kutcherries	270		270	
		Do to Court Houses	150		60	
		Special Repairs	50	470	50	380
Cuddapah		Minor Repairs to Taluq & Subhagis trahs Kutcherries	1000		1000	
		Do to Burial grounds	200		50	
		Do to Church	100			
		Do to Court Houses and Jails	200		200	
		Special Repairs	225	1725	225	1475
Pulivendla		Minor Repairs to Taluq & Subhagis trahs Kutcherries	400		400	
		Do to Court Houses	60		60	
		Special Repairs	60	520	60	520
Madanapalle		Minor Repairs to Taluq & Subhagistrahs Kutcherries	580		580	
		Do to Court Houses	180		60	
		Special Repairs	80	840	80	720
		Total Civil Buildings Cuddapah		3555		3095

District	Station		Estimate for 1866/67 Amount	Total	Estimate for 1865/66 Amount	Total
Kurnool	Kurnool	Minor Repairs to Taluq & Sub Magistrates Kutcherries	150		50	
		Do to Court Houses & Jails	100		50	
		Do to Burial Grounds	80		"	
		Do to Churches	50	380	"	100
	Nundial	Minor Repairs to Taluq & Sub Magistrates Kutcherries	100		50	
		Do to General Buildings	50		50	
		Do to Court Houses	50	200	25	125
	Cumbum	Minor Repairs to Taluq & Sub Magistrates Kutcherries	80		50	
		Do to Burial Grounds	30		"	
		Do to Court Houses	30	140	20	70
		Total Civil Buildings Kurnool		720		295
Bellary	Bellary	Minor Repairs to Taluq & Sub Magistrates Kutcherries	100		100	
		Do to Burial Grounds	100		"	
		Do to Churches	50	250	"	100
	Bellary	Do to Taluq & Sub Magistrates Kutcherries	500		400	
		Do to Court Houses	100		"	
		Do to General Buildings	400	1000	400	800
	Rustlighie	Do to Taluq & Sub Magistrates Kutcherries	135		135	
		Do to Court Houses	50	185	"	135
	Raidroog	Do to Taluq & Sub Magistrates Kutcherries	135		135	
		Do to Court Houses	80	215	80	215
	Anantapore	Do to Taluq & Sub Magistrates Kutcherries	100		50	
		Do to Court Houses	50		50	
		Do to Burial Grounds	20	170	"	100
	Penna Konda	Do to Taluq & Sub Magistrates Kutcherries	50		50	
		Do to Court Houses	20	70	"	50
		Total Civil Buildings Bellary		1890		1400

District & Range		Estimate for 1866/67 Amount	Total	Estimate for 1865/66 Amount	Total
					1875
Cuddapah	— Agricultural —				
Poddatoor	Repairs to Irrigation Channels	500		460	
Range	Do to Tanks	3000		2360	
	Do to Dykes	150		180	
	Special Repairs	100	3750	100	3100
Cuddapah	Repairs to Irrigation Channels	2000		1860	
Range	Do to Tanks	5000		4780	
	Do to Dykes	1000		1160	
	Special Repairs	300	8300	300	8100
Pullampett	Repairs to Irrigation Channels	3000		2780	
Range	Do to Tanks	8500		8160	
	Do to Dykes	1000		900	
	Special Repairs	100	12600	60	11900
Madanapalli	Repairs to Irrigation Channels	1500		1400	
Range	Do to Tanks	7000		6700	
	Do to Dykes	2000		1760	
	Special Repairs	50	10550	40	9900
	Total Cuddapah Agricultural		35200		33000
Kurnool					
Kurnool	Repairs to Irrigation Channels	1000		800	
Range	Do to Tanks	3000		1850	
	Special Repairs	200	4200	200	2850
Nundial	Repairs to Irrigation Channels	2000		818	
Range	Do to Tanks	5000		5000	
	Special Repairs	300	7300	300	6118
Cumbum	Repairs to Irrigation Channels	5000		5000	
Range	Do to Tanks	6000		6000	
	Special Repairs	100	11100	100	11100
	Total Kurnool Agricultural		22600		20068
Bellary					
Military Building	Annual Repairs to Doongabundora				
Range	Channels	8700		9000	
	Do to Irrigation Canals	2000		2000	
	Do to Tanks	2000		5000	
	Special Repairs	500	13200	490	16490
	Carried forward		13200		16490

District & Range.		Estimate for 1866/67 Amount	Total	Estimate for 1865/66. Amount	Total
Bellary	Brought Forward		13200		16490
Bellary Range	Repairs to Soongabuddra Channels	6500		6000	
	Do to Irrigation Canals	9000		9000	
	Do to Tanks	10.000		10.000	
	Special repairs	1100	26.600	1.100	26.300
Rudlighi Range	Repairs to Irrigation Canals	1500		1500	
	Do to Tanks	4000		2000	
	Special repairs	300	5.800	300	4800
Raidrog Range	Repairs to Irrigation Canals	2000		2000	
	Do to Tanks	5000		2000	
	Special Repairs	250	7250	250	5250
Anantapoor Range	Repairs to Irrigation Canals	3000		3000	
	Do to Tanks	3000		3000	
	Special Repairs	350	6350	350	6350
Penmakonda Range	Repairs to Irrigation Canals	1500		1500	
	Do to Tanks	8000		8000	
	Special Repairs	1000	10.500	1000	10.500
	Total Bellary Agricultural D.		69.700		69.690
	Communications.				
Cuddapah	Repairs to road from Kurnool to Bellary Frontier 35 Miles at 200 Rs per Mile	5000		5000	
	Do to road from Penner river bea Doraiah Cheruvu the Bellary Frontier 34 Miles at 130 Rs per Mile	4420		4420	
	Do to road from Cuddapah to Runnoor Frontier at Chagalmarry 36 Miles at Rs 100 per Mile	3600		3600	
	Discretionary allowance	1500		1500	
	Repairs to Road from Cuddapah to Kurnool over the Bellary road 28 Miles at 200 Rs per Mile	5600		5600	
	Carried forward	20120		21120	

District.		Estimate for 1866/67 Amount	Total	Estimate for 1865/66 Amount	Total
Cuddapah.	Brought forward	20120		20120	
	Repairs to Trunk road No XI from Cuddapah to Kalkadda 50 Miles at 200 Rs per Mile	10.000		10.000	
	Do to road from Rachoti over the Seminpoy Hud to the Cheyar River 30 Miles at 100 Rs per Mile	3000		3000	
	Do to road from Rayachoto to Cuddapah 60 Miles at 100 Rs per Mile	6000		2774	
	Discretionary allowance	1000		1000	
	Minor Repairs not Exceeding Rs 2500 each	4695		4695	
	Repairs to Madras road from Cavaumalapalli to Kortlo Frontier 62 1/2 Miles at 200 Rs per Mile	12.500		12.500	
	Discretionary allowance	2.500		2500	
	Minor Repairs not Exceeding Rs 2500 each	4400		4400	
	Repairs to Trunk road No XI from Kalkadda to Kallur 20 Miles at 200 Rs per Mile	4000		4000	
	Do to road from Kasapur to Penganur 53 Miles at 100 Rs per Mile	5300		5300	
	Do to road from Masanapalli via Khadri to the Bellary Frontier 76 Miles at 100 Rs per Mile	7600		7600	
	Discretionary allowance	5000		5000	
	Minor Repairs not Exceeding Rs 2500 each	850		850	
	Total Communications Cuddapah	84965		80965	

District		Estimate for 1866/67 Amount Rs	Estimate for 1865/66 Amount Rs
Kurnool			
	Repairs to road from Kurnool to Nippri at 150 Rs per Mile 55 Miles	8250	8250
	Do to road from Nippri to Jonagherry 66 Miles at 100 Rs per Mile	2500	2500
	Do to road from Kurnool to Goosty 55 Miles at 150 Rs per Mile	8250	8250
	Discretionary allowance	1000	150
	Minor Repairs not Exceeding Rs 2500 each	1810	1810
	Repairs to Road from Gandicotta to Gazalpalli 60 Miles at 100 Rs per Mile	5000	5000
	Do to road from Gandicotta to Cuddapah Frontier 36½ Miles at 100 Rs per Mile	3650	3650
	Discretionary allowance		100
	Repairs to road from Gazalpalli to Nistumchetty palli inclusive Gandicotta Ghat 22 Miles at 300 Rs per Mile	6600	6600
	Do to road from Nistumchetty palli to Bellary Frontier 32 Miles at 100 Rs per Mile	3200	3200
	Discretionary allowance		200
	Minor Repairs not Exceeding Rs 2500 each	1500	1500
	Total Communications Kurnool	41760	41210
Bellary	Repairs to road from Tonagub to Bellahoody via Hospet to Rammandroog 61½ Miles at 200 Rs per Mile	12300	12300
	Discretionary allowance	1000	1000
	Minor Repairs not Exceeding Rs 2500 each	2050	50
	Carried forward	13350	13350

District		Estimate for 1866/67 Amount Rs	Estimate for 1865/66 Amount Rs
Bellary	Brought forward	13350	13350
	Repairs to Road from Cantonment of Bellary to Tonagub 15 Miles at 200 Rs per Mile	3000	3000
	Do to Road from Bellary to Werikalb 15 Miles at 200 Rs per Mile	3000	3000
	Do to Road from Bellary to Madavaram 75 Miles at Rs 150 per Mile	11250	11250
	Do to Road from Moor to Nippri & Adoni 20 Miles at 150 Rs per Mile	3000	3000
	Minor Repairs not Exceeding Rs 2500 each	1950	1950
	Repairs to road from Bellakoonay to Hampasagur 14½ Miles at 200 Rs per Mile	2900	2900
	Discretionary allowance	3050	3050
	Repairs to road from Kuchlapoor via Goobur to Bangalore from 15 Miles at 150 Rs per Mile	2250	2250
	Discretionary allowance	330	330
	Repairs to Werikalb road No XII from Jolladarasy to Anantapoor 52 Miles at 100 Rs per Mile	5200	5200
	Do to road from Jolladarasy to Cuddapah Frontier 81 Miles at 150 Rs per Mile	12150	12150
	Do to road from Goosty via Kuchlapoor to Bangalore Frontier 48 Miles at 150 Rs per Mile	7200	7200
	Discretionary allowance	2000	2000
	Minor Repairs not Exceeding Rs. 2500 Each	1750	1750
	Repairs to road from Goobur via Pennakondah to Bangalore frontier 37 Miles at 150 Rs per Mile	5550	5550
	Discretionary allowance	1500	1500
	Total Communications Bellary	81430	79430

1551

Memo: 1551

Kurnool District Kurnool Range

Constructing a Post Office at Kurnool
Amount of Estimate Rupees 2440 - bill
shortly be submitted.

Kurnool District Sandikal Range

Constructing a Post Office at Sandikal
Amount of Estimate Rupees 1160, sanc-
tioned in G. O. № 3691 of 23d December
1864.

Bellary
Supdg. Engrs Office
22d February 1866.

W. Mobray Major R.E.
Supdt Engineer
3 Divn.

From
The Superintending Engineer
Southern Division

To
The Secretary to Govt.
Public Works Department

Dated 22d November 1865
Rec'd

Part III

Abstract of Estimate
for Repairs for 1866/67
of the 3 Divn.

Rec'd 8/12/66.

Supdg. Engineers Office
Bellary 22d November 1865

W. Mobray Major R.E.
Supdt Engineer 3d Divn

Part II

Detail of Estimates for Original Works for 1866/67.

Executive Division	No.	Locality	Description	Amount of Estimate	Completed Expenditure to 30th April 1866.	Estimate 1866/67	Remarks or References.
			Civil Buildings				
Sandia Range	1	Korlgunda	Constructing Taluq Kutcherie	7700	"	7700	Corrected Estimate sanctioned by G.O. No 3432 of 25th November 1863. a revised Estimate will shortly be submitted.
	12	Sandia	do do	8000	"	8000	Estimate will be submitted with reference to G.O. No 3290 of 2 November 1866.
			Grant for Minor Works, the Estimated cost of which does not exceed Rs 2500 each	3600	"	3600	See Memorandum attached.
			Total Civil Buildings			19800	
			Communications				
Kupwara Range	3	Kupwara	Road from Kupwara to Hyderabad Frontier Gunjbar 33½ miles	27260	"	20000	Estimate will be submitted with reference to G.O. No 248 of 26 January 1865.
Bellary Range	4	Gundlapur	Metalling Sandi Seamanah Road	64100	"	10000	Corrected Estimate sanctioned by G.O. No 2898 of 9 October 1864.
			Grant for Minor Works, the Estimated cost of which does not exceed Rs 2500 each		"	3000	
			Total Communications			33000	
			Agricultural				
			Grant for minor works, the Estimated Cost of which does not exceed Rs 2500 each	"	"	3000	
			Total Agricultural			3000	

Abstract

Main Heads	Imperial	Local	Total
Civil Buildings	19300	"	19300
Communications	33000	"	33000
Agricultural	3000	"	3000
Total	55300	"	55300

Bellary
Deputy Engr Officer
22 November 1865

W. Allberg Major R.E.
Deputy Engineer 3rd Class

Bellary District 1578

Military Building Rough

Constructing a Commissariat Store Room on the Ramandroog Estimate Rupees 1380 sanctioned in G. O. No 1371 of 12th May 1864. a Revised Estimate will shortly be submitted.

Bellary
Supdg Engr Office
22nd Nov 65.

A. Allbrook Major RE
Superdg: Engineer 3 Division

1578

Plan

The Supdg: Engineer
3 Division

The Secy to Govt
P.W.D.

Dated 22nd Nov 65
Rec'd Ditto

Dy No 3172 / 65

Draft to
Asst Engr Ramandroog
Original Work
Estimate for the Store
Room for Bellary
Dist

Sd/ A. Allbrook
Major RE

3rd Division

Part I

Detail of Estimates for Original Works for 1866/67

Executive Division	No.	Locality	Description	Amount of Estimate	Computed Expenditure up to 30th April 1865	Estimate 1866/67	Remarks or References
			Military				
Military Building Range	1	Bellary	Accommodation for Troops				Estimate submitted to Govt. with Letter No. 2604 of 27th Sept. 1864. No. 2681
			Latrines for Native Troops	3480		3480	
			Guard for Prisoners Works the Estimated Cost of which does not Exceed Rs 2500 each			1380	See Memo attached
			Total Military			4860	
			Civil Buildings				
Bellary Range	2	Bellary	Constructing Commissariat			8000	Estimate will be submitted to Chief Engineer's Office in January 1865.
	3	Adoni	——— do Jail Quarters	1210 0		12100	Govt. No 3370 of 24th November 1864. No 3370
Bellary Range	4	Harpanhally	——— do ——— do ———	9850		9850	Govt. No 475 of 9th February 1865 No 570
			Grant for Minor Works the Estimated Cost of which does not Exceed Rs 2500 each			3000	
			Total Civil Buildings			32950	
			Communications				
Cuddapah & Nellore Ranges	5	Cudchah Ingeram & Gallavandlapad	Road from Chintamanipeta to the Sky Line Pass			20000	Estimate will shortly be submitted with a Letter from Govt. No 981 of 19th July 1865.
Anantapoor Range	6	Anantapoor & Penukonda	Road from Anantapoor to Penukonda Railway Station	22640	2360	20000	Govt. No 3430 of 1st December 1864. No 3430
do	7	Anantapoor	Road from Anantapoor to Guddapah Boundary	39770		20000	Govt. No 3424 of 30th November 1864. No 3424
			Grant for Minor Works the Estimated Cost of which does not Exceed Rs 2500 each			3000	
			Total Communications			63000	
			Agricultural				
Bellary Range	8	Gooty	Relaying Gooty Tank Bund	39400		20000	Govt. No 2903 of 6th October 1864 No 3285
Nundial Range	9	Jenabmanhally	do Jenabmanhally do	6800		6800	Govt. No 2933 of 9th September 1863. No 2733
			Grant for Minor Works the Estimated Cost of which does not Exceed Rs 2500 each			3000	
			Total Agricultural			29800	

Abstract

Main Heads	Imperial	Local	Total
Military	4860		4860
Civil Buildings	32950		32950
Communications	63000		63000
Agricultural	29800		29800
Total	130610		130610

Bellary
Deputy Engineer's Office
2nd November 1865

A. A. Abbott Major R.E.
Superintending Engineer 3rd Division

From No 317
The Superg: Engineer
3rd Divn
To
The Secry: to Govt
P.W.D.

Dated 22
Recd 20 November 65.
" 9 Jany 66

Q4 V

Part II.

Detail of Estimate for
Original Works for
1866/67 in the 6th
Darjeeling District.

9/106
exd 1105 24 July 1866

No 51

Part II

Details of Estimates for Original Works for 1866/67

Project No	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866	Estimate 1866/67	Remarks or References
		Civil Buildings				
Salem Range	1	Palliadla				
Salem Range	2	Vellpaud				
		Constructing Tahsildarie	11000	"	11000	Estimate will shortly be submitted
		do do	7300	"	7300	G.O. No 2695 of 9 Sept 1863. Do 2698
		Grant for Minor Works the Estimates cost Rs which does not exceed Rs 2500 each			3000	
		Total Civil Buildings			21300	
		Communications				
Salem Range	3	Repairing the road from Rayachoti to Madanapalle	64530	"	20000	G.O. No 3300 of 26 Oct 1863 Do 3300
Salem Range	4	Vepparcolla				
		Metalling the road from Rayachoti to Singanamalla				
		Constructing a Bridge of 3 arches on the road from Madanapalle via Chadir & the Bellary Frontier	12230	"	12230	G.O. No 1942 of 10 July 1865 Do 1942
		Grant for Minor Works the Estimates cost Rs which does not exceed Rs 2500 each			3000	
		Total Communications			35230	
		Agricultural				
Salem Range	5	Repairing Wells at Patant B	7710	"	7710	G.O. No 2522 of 26 October 1862
Salem Range	6	Somireddipalle do	6540	"	6540	G.O. No 3317 of 14 November 1863. Do 3317
College Station Range Campsites Salem	26	Sagaramanchi	16660	"	16660	Submitted by Government for sanction vide letter No 1020 of 11th October 1865
		Grant for Minor Works the Estimates cost Rs which does not exceed Rs 2500 each			3000	
		Total Agricultural			33910	

Abstract

Main Heads	Imperial	Local	Total
Civil Buildings	21300	"	21300
Communications	35230	"	35230
Agricultural	33910	"	33910
Total	90440	"	90440

Bellary
Engr Office
November 1865

A. Allbert Capt RE
Supdg Engineer 3rd Divn

Estimate to accompany the Statement prepared in accordance to G.O. No 2919 dated 4th October 1865.

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District	Description of Works.	Amount	Remarks.
	Communications		
Residency & Northern Ranges	Minor Repairs not exceeding Rupees 2500 each.		
	Annual Repairs to Bridges	1100	Vide Budget of 1865/66.
Madras & No 1 Ranges	Minor Repairs not exceeding Rupees 2500 each	8862	
	Annual Repairs to Road from Madras boundary to Perumbaury	166	G.O. No 2179 dd 10th Sept 1859.
	do road from Perumbaury to Railway Station at Perambur	960	do do and G.O. No 1820 dd 30 June 1865.
	do road from Madras limits to Injambaukum on the high Road to Cuddapah	360	G.O. No 3567 dd 14th December 1864.
	do road from Madras limits on the Baisnaupalle road to Cuddapah	365	G.O. No do do
	do road from Red Hills via Madras boundary to Paper Mills	367	G.O. No 2179 dd 10th Sept 1859.
	do road on Colattoor Tank Bund	41	G.O. No do do
	Carried over	2239	

District	Description of Work	Amount	Remarks
Madras	Brought forward 2239		
No 1 Range	Annual Maintenance to the Road 3 Miles North of Triveliore high road to Puddapedy	760	G.O. No 990 dd 8th April 1864.
	Annual Repairs to road from Triveliore to Ennore 5 Miles	745	G.O. No 3567 dd 4th Dec 1864
	Ferry boats on the Fortteau River on the Northern Trunk Road	138	G.O. No 432 dd 23rd Aug 1855.
	Filling in Ruts in the Ennore Road and metalling	1650	Estimate will be submitted
	Annual Repairs to road from Triveliore to Naglapooram	1780	1400
	do from Pottocollah to Puttivadu	450	1,150
	do from Puttivadu to Covapettah	1050	750
		8802	
Madras No 2 Range	Minor Repairs not exceeding Rupees 2500 each	9687	
	Annual Repairs to the Road turning off from the Trunk Road thro Pydapetta towards Poonamallee	320	G.O. No 2179 dd 10th Sept 1859.
	Carried over	320	

District	Description of Work	Amount	Remarks
Madras	Brought forward 320		
No 2 Range	Annual Repairs to Road from Elphinstone's Bridge to its junction with the Road to St Thomas Mount near Maltby's Gate	1217	G.O. No 2179 dd 10th Sept 1859.
	do from do to Ettiotti Beach	343	G.O. No do do
	do from Manaloor bridge to Guindy Park Gate	210	G.O. No do do
	do from Coliancheri	117	G.O. No do do
	do from St Thomas Mount to Poonamallee 6 miles	1200	G.O. No 2053 dd 27th Aug 1859.
	do from do to Pydapetta	1760	G.O. No 960 dd 19th May 1857.
	do to road from Manaloor Bridge to Valachary Pullicarney to Trunk Road No 8	1000	G.O. No 2805 dd 21st Nov 1862. & No 1333 dd 11 July 1857.
	do to road from Saluby Choultry to Vendalore Choultry being part of Southern Trunk Road	2080	G.O. No 2883 dd 12th Dec 1859.
	do to roads in Guindy Park	760	G.O. No 2115 dd 14th Nov 1861.
	Carried over	8987	

District	Description of Work	Amount	Remarks
Madras	Brought forward	8987	
No 2 Range	Annual Repairs to the Road from Elphinstone's Bridge towards Madras	500	Vide Local Fund Budget of 1865/66.
	do do do in Seydapett Town	200	
		9187	
Madras No 3 Range	Minor Repairs not Exceeding Rupees 2500 each.	5835	
	Annual Repairs to Road from Poonamallee to Avady 5 Miles 1 Furlong & 60 Yards	1030	G.O. No 1724 dd 11th August 1859
	do from Conjeeveram to Mickanis Choultry on Trunk Road No 1	575	Vide Budgets 1865/66 & G.O.'s No 843 dd 15th July 1865 & No 1202 dd 3 May 1865.
	do from Chingleput to Soorapenis Choultry on Trunk Road No 1	810.	G.O. No 2805 dd 21st Nov. 1862 & No 347 dd 25th Nov. 1861.
	do from Chingleput to Jeevacalicondrum	800	G.O. No 574 dd 26th Feby. 1864.
	do Quarry Roads to Trunk Road No 1	1650	G.O. No 684 dd 13th February 1855
	Carried over	4835	

District	Description of Work	Amount	Remarks
Madras	Brought forward	4835	
No 3 Range	Annual Repairs to Road from Wallajabad to Soonkowarai Choultry	1000	Vide Local Fund Budget of 1865/66.
		5835	
No 4 Range	Minor Repairs not Exceeding Rupees 2500 each.	1750	
	Annual Repairs to Causeway across the Palar near Chingleput on Trunk Road No 8.	1000.	G.O. No 1917 dd 16th September 1859
	do from Chingleput to Conjeeveram	750	Estimate will be Submitted
		1750	
E.C. Canal	Minor Repairs not Exceeding Rupees 2500 each.	300	
	Annual Repairs to Canal between Cooum River and the Basin bridge 2 Miles @ 150 Rs per Mile	300.	G.O. No 1820 dd 8th June 1865.
		300.	
North Arcot Wallajah	Minor Repairs not Exceeding Rupees 2500 each.	875	
	Annual Repairs to Trunk Road No 10 from 71 to 75 Mile	1050	G.O. No 1841 dd 8th Augt. 1860.
	Carried over	1050.	

District	Description of Work	Amount	Remarks
	Brought Forward	1050	
North Arcot Wallajah	Mileage allowance for Tramway Company for the Road from Arcoonum to Trunk Road No 1, 18½ Miles @ 125 Rs per Mile	2313.	G.O. No 1207 dt 4th May 1865.
	Annual Repairs to Road from Ranepet to Arnee	1013 ✓	G.O. No 74 dt 8th January 1859 & No 1915 dt 20th Feb 1863
	do to Road from Wallajahpett to Arnee	554 ✓	do do do
	do from the junction of Wallajahpett to and Perumbakam Road to Arnee	415 ✓	G.O. No 1260 dt 9th May 1865.
	do to Road from Cavirpauk to Sholinghur Railway Station	630. ✓	do do
	do do from Sholinghur to Attila	750 ✓	do do
	do do from Tiruttany to Arcot Coopum	525 ✓	G.O. No 2284 dt 11th December 1861
	do do from do to Rama Vishnarayapetta	875 ✓	do do
	do to Quarry Roads 11 Miles	550 ✓	G.O. No 68 dt 13th February 1856
		8675	

District	Description of Work	Amount	Remarks
North Arcot Vellore	Minor Repairs not exceeding Rupees 2500 each	710 ✓	
	Annual repairs to Road No 10 from Vellore to Pannatoor 4 Miles	710. ✓	G.O. No 271 dt 30th January 1865
		710.	
Chittoor	Minor Repairs not exceeding Rupees 2500 each	710 ✓	
	Annual Repairs to Branch Road No 10 from Vellore to Pannatoor 7 Miles @ 300 Rs per Mile	2100 ✓	G.O. No 271 dt 30th January 1865
	do to Road from Triveliam Railway Station to Trunk Road No 10	150 ✓	G.O. No 3290 dt 15th November 1865.
	do to Road to Trivellum from Bazar	200 ✓	G.O. No do do
	do to Road from Pallicondah to Goonnallum 6½ Miles @ 120 Rs per Mile	780. ✓	G.O. No 271 dt 30th Jany 1865 & No 1102 dt 26th April 1865
	do to Road from Mail Jutty Railway Station to Sat Trunk 7½ Miles	870 ✓	G.O. No 271 dt 30th January 1865
	Carried over	4100	

District	Description of Work	Amount	Remarks &c
	Brought forward	4100	
North Arcot Chittoor	Annual repairs to Road from Palmanair to Pallicondah	2000	Local Fund, Vide Budget 1865/66
	——do—— to Road from Palmanair to Vencatagherry	1000	——do—— Vide Budget 1864/65 item ck: 86.
	Cottah		
		7100	
Chendraghiri	Minor Repairs not Exceeding Rupees 2500 each	5316	
	Annual repairs to Road from Pottoor to Naglapoor 18 Miles @ 120 Rs per Mile	2160 ✓	G.O. No: 3231. d/6th Nov: 1863.
	——do—— to Tyrumbe Road No: 13 from Naggery to Balafully. 37 Miles	1925 ✓	G.O. No: 1192 d/3rd May 1865.
	——do—— to Road from Pottoor to Pallipet	525 ✓	G.O. No: 2 d/11th January 1862.
	——do—— to Road from Pallipet to Kotarlafully	700	Estimate will be submitted.
		5310.	

Supy: Engrs Office
to Division
Madras.
15th Nov: 1865

H Hilleau Colonel R.E.
Supdt: Engineer 4th Divn

Fourth Part Division III

Detail of Estimate for Repairs for 1866-67.

Presidency Division			Estimate 1866-67. Amount	Estimate 1866-67. Total	Estimate 1865-66. Amount	Estimate 1865-66. Total
	Military					
Fort St. George	Fortifications		4600		5000	
	Accommodation for troops		10000		8000	
	Ordnance		3000		3000	
	Special Repairs		4600		2000	
Peramboor	Accommodation for troops		3000			
	Special Repairs		2000		1520	
Esplanade	Special Repairs		220	31220	250	19750
Madras District						
St. Thos' Mount	Cantonments		1720		1720	
Palaveram & Pournamallee	do		1630		1630	
St. Thos' Mount	Accommodation for troops		12000		12000	
do	Commissariat Buildings		500		500	
do	Special Repairs		1150	17000	1150	17000
	Carried over			48220		36750

North Arcot District			Estimate 1866-67. Amount	Estimate 1866-67. Total	Estimate 1865-66. Amount	Estimate 1865-66. Total
	Brought forward			48220		36750
Vellore	Cantonment Roads		1110		1110	
	Accommodation for troops		3000		1263	
	Minor repairs not exceeding Rs 2500 each		19670	23780	15810	18183
	Total Military			72000		54933
	Civil Buildings					
Presidency Division						
Fort St. Geo.	General Buildings		5500		4000	
	Ecclesiastical do		500		500	
	Special Repairs		1000		500	
Black Town	General Buildings		9800			
	Special Repairs		1000		1500	
Chepauk	Revenue Buildings		2000		1000	
	Carried over		19800		7500	

Forward

			Estimate 1866-67. Amount	Total.	Estimate 1865-66. Amount	Total.
	Brought forward		19800		7500	
	Civil Buildings /Cont'd/					
Residency District.						
Mount Road.	General Buildings	2500				
	Special Repairs	1450		1000		
Egmore	General Buildings	6000		5000		
	Judicial do	4000		4000		
Sydapett	Revenue Buildings	1000				
Guindy Park	General Buildings	3000	37750	3000	22500	
Madras. District						
St. Thos' Mount	Judicial Buildings	500		500		
	Special Repairs	850		850		
Covelong	Revenue Buildings	500				
Chingleput & Conjeveram	General Buildings	500				
Chingleput	Ecclesiastical Buildings	100				
	Educational do	500				
Conjeveram & Chingleput	Judicial Buildings	1500		300		
	Special Repairs	400				
Madras Cum & Caranguoly	Post Offices	100	4950		1660	
	Carried over		42700		22150	

			Estimate 1866-67. Amount	Total.	Estimate 1865-66. Amount	Total.
	Brought forward		42700		22150	
North Arcot District.	Civil Buildings /Cont'd/					
Ranapet	Special Repairs	200			50	
Chittoor	Revenue Buildings	300				
	Ecclesiastical do	150				
	Judicial do	1850				
Chendragherry	Revenue Buildings	590				
Tripathy	Judicial Buildings	250				
Polur	Revenue Buildings	500				
Wandiwash	Revenue Buildings	300				
	Minor Repairs not exceeding Rs 2500 each	14700	18840		50	
	Total Civil Buildings		61540		22200	
	Agricultural					
Presidency District.	Repairs to Tank	3000		1000		
	do	1700	4700	1000	2000	
Madras. District.						
Poonamy	Repairing Chunambady Tank	3726				
	Carried over	3726	4700		2000	

		Estimate 1866-67. Amount	Total	Estimate 1865-66. Amount	Total
	Brought forward	3726.	4700		2000
Madras District.	Agricultural /Contd.				
Trivellore	Repairing Leadu tank B and division banks between upper and lower tank B and repairing Sluice and Calingulah	2960			
do	Perrijary Tank B	6560			
do	Pundoor do	5715			
do	Tirupuram Peria Airy	3260			
do	Tuntavatur tank B bund	4620			
Conjeveram	do & improving the Sasaveram Anicut	7370.			
	Minor Repairs not exceeding Rs 2500 each				
Trivellore		35100			
Gonnairy		25269			
Sydapett		7600	67969		
Poonamallee & Sydapett	Minor Repairs not exceeding Rs 2500 each	13.500	"	13500	
Poonamallee Chingleput & Conjeveram	do do do do	60000	"	29000	
Madras Triplicane Caramcoly & Palar	do do do do	125000	300680	15500	58.000
	Carried over		305380		60000

		Estimate 1866-67. Amount	Total	Estimate 1865-66. Amount	Total
	Brought forward	305380		60000	
North Arcot District.	Agricultural /Contd.				
Wallajah	Improving Thuckolum large Condum Estt 1000	1500.			
	Repairing Invadur Tank B Condum Channel	3600			
	do Keelvedy Peria Airy and Chittary Tank B and Calingulahs to Peria Airy Tank B	2640			
	Minor Repairs not exceeding Rs 2500 each	18050.	"	7500	
Vellore	Minor Repairs not exceeding Rupees 2500 each	25000	"	19500	
Chittoor	do do	15000		8500	
Cheindragherry	do do	25200		7500	
Polure	Repairing Murrudadu large Tank B	2500			
	Minor Repairs not exceeding Rupees 2500 each	30000	123490	18000.	61.000
	Total Agricultural		428.870		121.000

		Estimate 1866-67 Amount	Estimate 1866-67 Total	Estimate 1865-66 Amount	Estimate 1865-66 Total
	Communications				
Presidency District					
Fort St. George	Annual repairs to the roads within the Garrison of Fort Saint George	2500		2500	
Black Town Vepery and Vasarpandy	Minor Repairs not exceeding Rs. 2500 each	1100		600	
Egmore Nyla-poor Triplicane Saukpet and Adyar	Annual Repairs to Roads and Bridges	3420		4685	
	Special Repairs	340	7360	315	8000
Madras District					
Vasarpandy	Annual Repairs to Trunk Road No 6 from Vasarpady Tank to Calingulatoor to Pannigady back Water	11600		11600	
	do from Coraltoor to Triellore on the high road to Caddapah 9 1/2 Miles	4152		4152	
	Remetalling Trunk Road	2550			
	Special Repairs	100		100	
	Minor Repairs not exceeding Rupees 2500 each	1672 (8802)		3122 (6172)	
	Carried over	27204	7360	22024	8000

		Estimate 1866-67 Amount	Estimate 1866-67 Total	Estimate 1865-66 Amount	Estimate 1865-66 Total
	Brought forward	27204	7360	22024	8000
Madras District	Communications (Contd)				
St. Thomas Mount	Annual repairs to the Road from Madras boundary to the 12th Mile Stone	10734		10734	
Mylapoor	do from Mylapoor Tank to Porvoor 6 Miles on the Road to Conjeevaram	3000		3000	
	do to the Road from Porvoor to Conjeevaram	2500			
	Special Repairs	100		100	
	Minor Repairs not exceeding Rupees 2500 each	9687		9687	
Poonamallee	Annual Repairs to Trunk Road No 1 from the 3 1/2 Miles to the 53rd Mile	25000		25000	
Palaveram	do from Palaveram to Achervaun R	21082		21083	
	Special Repairs	500		100	
	Minor repairs not exceeding Rupees 2500 each	5835		5895	
Madrastiecum	Special Repairs	150		150	
	Minor Repairs not exceeding Rupees 2500 each	1750		1000	
	Carried over	107542	7360	98772	8000

		Estimate 1866-67 Amount	Estimate 1866-67 Total	Estimate 1865-66 Amount	Estimate 1865-66 Total
	Brought forward		107542	7360	98772 8000
	Communications/Contd				
Madras District					
East Coast Canal	Annual Repairs to Northern Canal from the Basin at Madras to Dooroo.				
	70 Miles @ 100 Rupees per mile	7000		6100	
do	do Southern Canal from the Adyar to the Palar river 40 Miles @ 100 Rs per mile	4000		4000	
	Minor Repairs not Exceeding Rupees 2500 each	300	11842	300	10972
North Arcot District					
Wallajah	Annual Repairs to Trunk Road No 1 from 53½ to 125 Mile 71½ Miles	7540		7520	
do	to Road from Arconum to Trunk Road No 1	3160		8705	
Poiney	Annual repairs to Road from Poiney to Arcot Railway Station 15 Miles @ 200 Rupees a Mile	3000		3000	
	Minor repairs not Exceeding Rupees 2500 each	8675		5830	
				8675	
	Carried over	22375	126202	22920	117172

		Estimate 1866-67 Amount	Estimate 1866-67 Total	Estimate 1865-66 Amount	Estimate 1865-66 Total
	Brought forward	22375	126202	22920	117172
	Communications/Contd				
North Arcot District					
Vellore	Annual repairs to Vellore and Arnee Road 22¾ Miles @ 200 Rupees per mile	4550		4550	
	Special Repairs	250		250	
	Minor repairs not Exceeding Rupees 2500 each	710		710	
Ranipet	Annual Repairs to Road No 10 from Ranipet to the Mysore Frontier beyond Palmanair	12800		12800	
Chittoor	Annual Repairs to Trunk Road No 11 from Chittoor to Kullour 28 Miles	6410		6410	
	Special Repairs	250		250	
	Minor Repairs not Exceeding Rupees 2500 each	7100		7630	
Puthultpet	Annual Repairs to 2nd Class Road No 7 from Puthul. to Pet to Kircumbaddy	3850		3850	
Tripathy	do do from Tripathy to Calasbuy	4600			
	Carried over	62895	126202	59370	117172

		Estimate 1866-67	Amount Total	Estimate 1865-66	Amount Total
	Brought forward	62895	126202	59370	117172
	Communications (Contd)				
North Arcot District					
Tripathy	Special Repairs	1000	"	1000	
	Minor Repairs not Exceeding Rupees 2500 each	5310	"	4610	
Arcot	Annual Repairs to Road from Arcot to Arnee	7900	77105		64980
	Total Communications		203307		182152
	Miscellaneous Public Improvements.				
Residency District	Minor repairs not Exceeding Rupees 2500 each	4630	4630.	4000	4000
Madras District	——— do ——— do ———	500	500.		
North Arcot District	——— do ——— do ———	500.	500		
	Total Miscellaneous Public Improvements		5630		4000
	Grand Total.		771347		386285

Supg. Engrs office
4 Divisions
Madras 15 Novr 1865

A Brereton Colonel &c.
Supg. Engineer 4 Division.

MR 31866

4th Div.

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Budget-Estimate — 1866/67.

Part II.

Part II. Fourth Division Budget Estimate

Detail of Estimate for Projects

Part II. Original Works for 1866/67.

Executive Division	No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866	Estimate 1866/67	Remarks or References
Presidency District Northern Range	1	Perambore	Military Filling up pits in Perambore Schools lines constructing drains	71000	"	71000	Estimate under ~~submitted for the approval of the Commander in Chief~~ in this Office
Fort Range	2	Fort St. George	Laying a new set of pipes from the Seven Wells to Fort	53780	"	53780	Sanctioned in G.O. No. 1198 dated 3rd May 1865 for entry in Budget
D.	3	D.	Laying on water supply to the Bath Rooms of the Bandsmen in the Fort	7800	"	7800	Vide G.O. No. 678 dated 10th March 1865.
D.	4	D.	Laying on Gas to the various buildings and Streets in the Fort St. George	55000	10/11/65	55000	Submitted to Government in letter No. 2627 dated 7th November 1865.
			Carried over	187.580		187.580	

Executive Division	No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67	
			Brought Forward	187.580	"	187.580.	197
Presidency District Fort Range.	37	Fort St. George	Additional privy accomodation of the European Infantry Saint George.	2500	"	2500.	Revised Estimate under preparation Vide G.O. No. 372 dd 9th February 1865.
do	6	do	Constructing several buildings for the use of the European Regiment				
			Racket Court Rs. 5000				
			Fives Court 3000				
			A Swimming baths 8000				
			Cricket Ground 1200	39.000	"	39.000.	Approximate Estimate sent on the 16th August 1865 to the Brigade Major for the approval of Government in the Military Department.
			Recreation & Reading room 3000				
			2 Day Rooms for Women 8800				
			Gymnasium Posts 10000				
do	7	do	Constructing several buildings for the use of the Regiment Stationed in the Fort Vizl.				
			Skittle alley Rs 1200				
			American bowling alley 3300				
			New Barrack Guard Rooms 12000	31.300.	"	31.300.	Approximate Estimate forwarded to Brigade Major on the 11th September 1865 for approval.
			12 Solitary Cells and an Association Room 14.800				
			Carried Over	260.380	"	260.380	

Executive Division No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67.	Remarks or References.
Presidency District		Brought Forward	260.380	"	260.380.	
Fort Range 8	Fort St. George	Constructing an American bowling Alley and Strengthening the present Skittle Alley	4500.	"	4500.	Estimate forwarded to Brigade Major on the 25th August 1865 for Approval.
Madras District						
No. II or Mount Range 9	Poonamallee	Constructing Wash Houses, Urinals and Separate Lavatories	12.550.	"	12550.	Estimate under Examination Vide G.O. No. 2590 dated 7th September 1866
do 10	Palaveram	Constructing a Bath room and Lavatory	2800	"	2800	Estimate under Examination Vide G.O No 2590 dated 7th September 1866
do 11	Poonamallee	Constructing a Main Guard and 10 Solitary Cells	19000	"	19.000	Estimate under Examination Vide G.O No. 487 dated 18th February 1865.
Presidency District						
Northern Range 12	Vasarpandy	Making certain alterations and additions to the Quarters occupied by the Overseers & Sub-Overseers at the Gun Powder Manufactory	7300	"	7300	This Work was Sanctioned formerly in the Budget of 1865/66 but was omitted in the printed Copy Vide G.O. No. 2513 dated 31st August 1864.
		Carried over	306530	"	306530	

Executive Division &c.		Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67	Remarks or References
Presidency District		Ordnance					
Northern Range	13	Vepery.	Brought Forward Improving the 3rd Story of the Superintendents Quarters in the Gun Carriage Manufactory	306530	"	306.530.	
		Ordnance		2510	"	2510	Estimate under Examination Vide G.O. No 2941 dated 5th October 1865.
do	14	Vasarpaudy	Constructing a Range of Coolies Quarters on the Site of the Buildings Attached near the Gun Powder Manufactory	28200	"	28200	This Project was entered in the Budget of 1865/66 but was omitted in the printed Copy.
Fort Range	15	Fort St. George	Putting up Wooden Stands in the Stationery Depôt Fort St. George	2600	"	2600	As this Project was omitted in the printed Budget of 1865/66 it is now brought forward again - Nor B Sanctioned in G.O. No 3097 dt 27th October 1864
Madras District							
St Thomas Mount Range	16	St Thomas Mount	Constructing a Powder Magazine at St Thomas' Mount	37800	30.000.	7800.	This Project was entered in the Budget of 1865/66 in which it formed Item No 12 Sanctioned by Government in No 2580 dated 12th July 18
do	17	do	Constructing a Bullock Factory	22500			
			Office attached to do	3300			
			Constructing a Forge to do	1600			
			do Chimney to do	1160			
			do Guard room to do	1650			
			Carried over	377.640	30.000	347.640	

Executive Division No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67	Remarks or References.
Madras District		Brought Forward	377.640	30.000	347.640.	
No II or Mount Range	11	Fort St Thos Mount Constructing Cocoanuts to Bullet Factory	1480...			
		do Compound Walls and Gate to do	4600...			
		do Privies to do	1280...			
		do a Reservoir to do	5400...			
			56.290.	"	56.290.	Estimates under Examination Vide G.O. No 1211 dated 27th April 1864.
do	18	do Constructing Arsenal Stores	22260.			
		do Magazines to contain Small Arms Ammunition	38000			
			60260.	"	60260	do do do
Residency Division						
Northern Range	19	Black Towns Constructing a Soojie Mill and Bakery at the Residency				
			25150.	"	25150.	Plan & Estimate were prepared by order of Govt Vide No 3595 dated 15th December 1864 and Submitted for Sanction in No 2695 dated 13th November 1865
do	20	do Making certain alterations &c to the Arrack & Porter Go. downs in the Commissariat Arrack Depôt				
			50.630.	"	50.630	Estimate prepared Vide G.O. No 1223 dated 5th May 1865 & Submitted to Government thereby.
		Carried Over	569.970	30000	539.970.	

	Executive Division &c.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67.	Remarks or References
	Presidency Districts		Brought Forward	569970	30000	539970.	
	Northern Ranga	21 Royapooram	making certain alterations in the Criminal Side of the Grand Jail and erecting a Cart Shed and Guard room for the use of the Commissariat Stores.	9500	"	9500	Estimate under Examination
	Fort Ranga	22 Fort St George	Erecting a Colonaded Verandah and making alterations and improvements to the building occupied as an office by the Controller of Military Finance Fort Saint George	12.200	"	12.200	Revised Plan & Estimate are under preparation Vide G.O. No 1799 dated 28th June 1865.
	do	23 do	Additions to the Military Finance do	32.000	"	32.000	Estimate under preparation
		24	Grant for Minor Works the estimated Cost of which does not exceed Rs 2500 each	9480.	"	9480	
			Total Military	633.150	30.000	603.150	Imperial Rs 603150

3

Executive

13

Executive Division / Presidency District	No.	Locality	Descriptive	Amount of Estimate	Expenditure to 30th Sept 1866.	Estimate 1866/67	Remarks or References.
Civil Buildings.							
Presidency District / Southern Range	25.	Chepauk	Building an upper story on the East face of the Revenue Board office	10,460	33,000	10,460	G.O. No. 3184 dated 2nd November 1863
Northern Range	26.	Black Town	Erecting an Office for the Registrar General	21.540.	"	21.540.	G.O. No. 2319 dated 11th August 1865. Plan & Estimate under examination
do	27.		Constructing a General Post office	130.000		65.000	Estimate under preparation
Madras District / No. 1 Range	28.	Triveliore	Constructing Taluq Cutcherry at Triveliore	12.100.	"	12.100	G.O. No. 3336 dated 18th November 1863.
do	29.		Constructing Salt Cutcherry at Ennore Pallidivakkum and Condoor	13360	"	13360	Estimate under examination Prepared at the request of the Board of Revenue No. 5659 d/ 15th September 1865
do	30.	Cheyoor	Constructing Salt Platforms at Cheyoor	3950	3830.	120.	Entered in Budget for 1865/66 as which it formed item No. 26.
			Carried over	191.410	3830	122.580.	

Executive

Presidency Fort St

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Executive Division No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67	Remarks or References.
Madras Districts		Brought Forward	191.410	3830.	122.580	
Nellore Mount Range 31	Gydapett.	Constructing a Record and Printing Rooms at the Collectors Office House Garden	6300	"	6300	Orders Cancelled Vide G.O. No 2260 Vide G.O. No 2825 d/ 23rd September 1865.
Presidency Districts						
Southern Range. 32	Black Town	Completing the erection of the General Hospitals with Upper Story Rec	219.500 / 29.709	2.49209	"	2 Sanctioned in G.O. No 2847 dated 26th September 1865.
do 33	do	Constructing Latrines & Lavatories to do	8600	"	8600	Sanctioned in G.O. No 2847 dated 26th September 1865.
do 34	do	Erecting Lines for Hospitals attendants at the General Hospitals	30000	"	30000	Estimate under preparation Vide G.O. No 2219 d/ 3rd August 1865.
do 35	do	Constructing Earth Stores Guard Room. Dead House Kitchens &c. at the General Hospitals	20000	"	20000	
		Carried over	505579	253039	187480	

					Computed Expenditure to 30th April 1866.	Estimate 1866/67	Remarks or References.
Executive	Executive Division &c	Locality	Description	Amount of Estimate			
President Fort	Presidency Districts		Brought forward	505519.	253039	187480	
	Southern Range 36	Black Town	Constructing Quarters for Medical Officers at the General Hospital	20000	"	20000	Estimate under preparation Vide G.O. No 2219 dd 3rd August 1865
	do	37 do	Constructing Iron Railings on the South Beach from Chepauk Gate to Pycrofts Road	24.200	"	24.200.	Sanctioned for entry in the Budget of 1865/66. Vide G.O. No 3036 dated 22nd October 1864.
	do	38. Engineer	Making additions to the Lying in Hospital	20900.	"	28900	Plan & Estimate under preparation.
	do	39 do	Erecting an Iron Gallery at the Government Central Museum	6480	"	6480	Plan & Estimate sent in the 15th November 1865 to the Superintendent of the Museum for approval.
	Northern Range 40.	Vepery	Erecting a Lunatic Asylum in Lodock's Garden	500000	"	80000	Plan sent to the Secretary at his request but not yet returned
			Carried over	1085099	253039	347080	

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Executive

Presidency Fort

					Computed Expenditure to 30 April 1866.	Estimated 1866/67.	Remarks or References.
				Brought Forward			
	Executive Division	No.	Locality.	Description	Amount of Estimate		
	Presidency Districts				1185799	253039.	347060
	Northern Range	41	Vepery	Improvement to St. Matthias' Church	17.150.	"	17.150.
	Madras Districts						
do	N.W. or Mount Range	42	St. Thos Mount	Providing Cemetries for the Roman Catholic Christians Portuguese at St. Thomas' Mount	3720	"	3720
	do	43		Cemetry at Poonamallee	3150	Nothing to be in the estimate for this year	3150.
	Presidency District						
	do	43E		Presidency College — 1.58000 Senate House — 1.47.000 Boarding House for University Scholars — 25.000	3.30.000	65.000	2.00.000
	Presidency Districts						
	Southern Range	44	New Town	Improvements to the Penitentiary	1.91.140	"	25000
	Northern do	45	Vepery	Additions and alterations to the Vepery Police Court	2900	"	2900
				Carried over	1633159	318039	598980

Computed

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Executive Officer	No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67.	Remarks or References.
President Fort St.		Presidency Division	Brought forward	1633159	318039	598980.	
		Northern Range	Erecting a Civil Debtors Jail	13[illegible]000	"	13[illegible]000	Plan and Estimate under Examination - Vide G.O. No 1803 dated 29th June 1865
		North Ancot. Dist:					
		Chaguaramas Range					
a	47	Portlow.	Constructing a Sub Magistrates Cutcherry & Police Station at Portlow	7800	"	7800	Estimate under Examination
do	48	Calastry.	Constructing a Sub Magistrates Court &c. at Calastry	6170.	"	6170.	Sanctioned in G.O. No 3002 dd 10th October 1865.
	49		Grant for Minor Works the estimated Cost of which does not exceed Rs 2500. each	12.120	"	12.120	
			Total Civil Buildings	17.95249	318039	761070.	Imperial Rs 761070

	Executive Division	No.	Locality	Description	Amount of Estimate	Amount to be Expended during 1866	Estimate 1866/67	Remarks or References
3 Executive President Fort St.	Madras District							
	No 1 Range	50	Trivellore	Agricultural Stone protection to Bungaroo Channel	7200	"	7200	Estimate under examination This Project was submitted at the request of the Collector
— do	— do —	51	— do —	Constructing a new Sluice widening the Channel and revetting with Stone the bund of the Pulicat Lake Channel	2800	"	2800	Estimate under examination do
	— do —	52	— do —	Constructing a new Head to the Nagulapooram Black Town Corpus Supply Channel	3100	"	3100	Estimate under examination do
	— do —	53	— do —	Excavating a Channel to fill the Mudrampakkum Channel, Thevapooram & Karatanoor Tank by the Water that comes from Allicovil & Mudsoni & Aparum with an Anicut to divert the same and Constructing two Sluices at the head of the Branch Channel	13460	"	10000	This Project was recommended by the Collector - Plan & Estimate under Consideration
				Carried over	26560	"	23100	

Executive Division &c	No	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866	Estimate 1866/67	Remarks or References
Madras District			Agricultural (Cont'd)				
No. 1 Range	54	Pomiary	Cutting a new channel, Banking the river & Constructing an undersluice & Calingulate to Anicut Tank	26560		23100	
do	55	do	Constructing a new stone revetment 20 Yards, new Sluice to Cumcombadi large tank	3330	"	3330	This Project was recommended by the Collector-Plans Estimates under Examination.
do	56	do	Constructing 36 Yards Calingulate and 12 Yards Sluice to Madoorvil Tank	2800	"	2800	Estimate under Examination
No. III Range	57	Yellasoore	Constructing Anicut across the Nuliyal Inundages in the limits of Yellasoor & Excavating Channels to supply Tanks and a lower down on either side.	2860	"	2860	Estimate under Examination
				9000	"	9000	do do
			Carried over	44550		41090	

Executive Division	No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67.	Remarks or References
Madras District				44550		41090	
Presidency Fort &c. H. W. Range	58	Cheyar	Agricultural Cotton Cheyar Anicut Muddaguy Project	25000	"	12500	This Project was entered on at the request of the Collector. Estimate under Examination
North Arcot District							
Wallajah Range	59	Mahumdravady	Improving Mahumdravady Channel	7500	"	7500	Estimate under Examination
do	60	Caveripauk	Altering & Improving the Calingulahs of Caveripauk tank	6000	"	6000	do do
do	61	Mahumdravady	Levelling the Mahumdravady tank Bund between the 2 barrel Sluices to as to form a road from Sholinghur Railway Station to Mahumdravady	3000	"	3000	Estimate under preparation
			Carried over	86050		70090	

3	Executive Division	No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67	Remarks or References
Executive	North Arcot District			Agricultural Works.	86050		70090.	
President Fort St.	S. Vellore Range.	62	Vellore	Improving channel from Moraudum large tank to Poolvoondy Chittary	3160	"	3160.	Estimate under preparation
do	S. do	63	do	Cutting channel from Elumbakum large tank to Irupaiangadoo tank	3470	"	3470.	Estimate under preparation
	S. do	64	Old Arcot	Cutting proposed new channel from Palar river at Old Arcot to Kunkanapooram tank & two Vz/s.				
				Cutting & improving channel from Palar River at Old Arcot to Sattoor Muddagoo	6880			
				Improving the channel from Sattoor Muddagoo to Ladavaram tank	3460			
				Repairing & improving the channel from Ladavaram to Caree-bakoo tank	3570			
				Carried over	92680		76720	

Executive Division No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866	Estimate 1866/67	Remarks or References
North Arcot District		Brought forward.	92680		76720	
Vellore Range 65	Old Arcot	Cutting new channel from Carumbadoor tank to Samantangle tank 130				
		Cutting a new channel from Samantangle to Sembadoor Tank 6650				
do		do do from Semba. door Tank to Oriny Tank 670				
		do do from Portoor Muddagoo to Rudy. tanks to Vellumbeer tanks 4100				
		do do from Rudy. tanks to Arasur. tanks 320				
		do do from do. to Malayoor tanks 4600				
		do do from Ma. layoor small tanks to Malayoor large tanks 270				
		do do from Ma. layoor large tanks to Sunkanapoorum tanks 8000				
		Condums to be built on across Sattoor Mud. dagoon on the line of the proposed new Channel for diverting water to Sadavam Carumbadoor. Samantangle & Chem. boodoo Tanks 2300	40880		40880	Estimate under Examination
		Carried Over	133560		117600	

Executive Division	No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30 April 1866	Estimate 1866/67.	Remarks or Reference.
North Arcot District			Agricultural (Contd.)				
Chittoor Range.	66	Chittoor	Completing the Channel from Pennal Coopum Southern Caliingulah to Vallimalay tank	133560		17.600	
				2700	"	2700	Estimate under Enumeration Project Submitted at the request of the Collector.
Chundragherry do.	67	Mammidoor	Improving tank bund and Constructing Caliingulah and Sluice of Mammidoor tank.	4350	"	4350	do do
Polur Range.	68	Poothoor	Raising the Cheyar Ameint enlarging Masonry Works and Widening Channel	29.700	15.590	14.110	Sanctioned Govt. G.O. No. 1333 dd. 9 May 1864 in Budget of 1865/66 Item No. 271
do	69	Tesanungalum	Tesanungalum Supply Channel	9700	"	9700	Estimate under preparation Project Submitted at the request of the Collector.
do	70.		Restoring Calasamoodrum tank	2600	"	2600	do
			Carried over	182610	15590	151060	

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Executive Division No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67.	Remarks or Reference
North West District 71.		Agricultural Contd.	182610	15590	157060.	
		Grant for minor Works the estimated Cost of which does not exceed Rs 2500 each	70500	— "	70500	
		Total Agricultural	253110	15590	221560.	Imperial Rs 221560
Residency District		Communications.				
Northern Range 72.	Moolacottatum	Widening the Roadway over the Balim Bridge near Moolacottatum	7400	"	7400	Local Fund Sanctioned by Government No 3464 d/ 26th Nov 1863 deferred for want of Funds.
Madras District						
No 1 Range 73	Pomairy	Constructing a Road across the Pennanguelee Salt Water into Trunk Road No 6	33020	"	33020	This project was recommended by the Collector Plan & Estimate will be forwarded in due Course
do 74	Trivellur	Completing that portion of the Addapakam road between Trivellur and Cottattiar River	15500	"	15500	This project was entered in last year's Budget in pencil but was omitted in the printed Budget Estimate under consideration.
		Carried over	55920	"	55920	

Executive Division	No.	Locality	Descriptive	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67.	Remarks or Reference
Madras District			Communications / Contd	55920		55920	
No. 1 Range	75	Tuvellore	Constructing 2nd Class Road from Tuvellore to Pau- -jetty	68700	"	68700	Plan & Estimate under Consideration.
do	76	Ponnaivy	Completing the Road from Paulkky to Ponnaivy	7700	"	7700	Estimate under Consideration
do	77	do	Constructing a Road from the Oobbal Summoodrum Salt Platforms to 32nd mile on Trunk Road No 6 in the Madras District	13000	"	13000	This Project was entered in last year's Budget Vide G.O. No 1398 dated 27th October 1864.
do	78	Tuvellore	Completing a 2nd Class District Road from Tuvellore to Nagla- -poor and Deduct amounts Sanctioned in last Official year	21600 / 9000	12400	16840	This project was sanctioned out of Income Tax grant and a sum of Rs 6893 was allotted for 1865/66 vide G.O. No 2239 dd 4th Aug. 1865.
do	79	do	Constructing a Bridge of 5 Arches & Retaining Channel across above Road		4440		
			Carried over		142160	142160	

Executive Division	No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67	Remarks or Reference
Madras District No 1 Range	80	Pomiary	Communications Contg. Completing a 2nd Class District Road from Pottocotah to Satavadu — viâ — 13.300 — Deduct Amount Sanctioned in last offi- -cial year — 3000 —	10300	"	10300	Work to the extent of Rs 3000 has been completed Dont of Income tax Grant Plan and Estimate for Check Channels are under Consideration.
do	81.	do	Revised Estimate for Cutting a check Channel on the road from Pottocot- -tah to Sativadu	4450	"	4450	do do.
do	82.	do	Completing a 2nd Class District Road from Suttivadu to Kow- -rapet — 19.000 — Deduct amount Sanctioned in last Official Year — 7736 —	11264	"	11264	5 1/2 Miles of this road is finished Completed from Income tax grant with the exception of 2 Bridges required over 2 Jungle Streams. —
			Carried over	168174	"	168174	

Executive Division	No.	Locality	Descriptive	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67.	Remarks or References.
Madras District							
No. 1 Range	83	Sydapet	Communications (Contd.) Completing a 2nd Class District Road from 5th Mile Stone on Trunk Road No. 6 to Chinna Mootoo Chavady on Basin Road via Sheally Choultry 13300-- Deduct Amount Sanctioned in Last Off: Year 5000--	168174	"	168174	
				13310			
No. 11 Ponnamal Range	84	do	Improving a portion of Huddapet Road between Tiroomulay and Conatoor	11000	"	11000	Sanctioned in G.O. No. 101 of 12th January 1865 - but no funds provided for it.
do	85	do	Constructing a road between Conatoor and Saragalattoor	2600	"	2600	Estimate under preparation
do	86	do	Making a road from Sydapet to Coleroon Bank	8900	"	8900	Land Land. Estimate under Examination.
			Carried over	198974		198974	

Executive Division &c.	No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67.	Remarks or References.
Madras District			Communications (Contd)				
No. 2 or Nilgiri Range	87.	Sydapettè	Constructing a road from Sattiè Bridge to Mootà = Karen Choultry.	19.974		19.974	
				6200	"	6200	Local Fund — Estimate under Examination. —
No. III Range	88.	Conjeveram	Constructing a Road from Shree = permatoor to Chittoor = Railway Station	25280	"	25280	Do. G.O. No. 2745 dtd 22nd September 1863 this work was deferred for want of funds. —
do	89.	Chingleput	Constructing a Road between Calambaukum & Chingleput	12000	"	12000	Estimate under preparation
do	90.	do	Constructing a new line of Road to act as a Tram = way feeder from a point on the Kombacal near Parandoor, to Pallaor Station	15.500	"	15.500	Estimate under Examination
Madras District							
No. 4 Range	91.	Chotapaukum	Gravelling the new Salt road from Chotapaukum Southeyn	7470	"	7470	do preparation
			Carried Over.	265424	"	265424	

Executive Division	No.	Locality	Description	Amount of Estimate	Computed Expenditure to the 30th April 1866.	Estimate 1866/67	Remarks or References.
Madras District No 4 Range	92		Communications / Contd / Constructing a 2nd Class Road from Chunampet to Madrapatticum thro' Davadoor on the new Salt Road.	265424		265424	
do	93.		Constructing a 2nd Class Road from Trunk Road No 8. at 41st Mile stone thro' Cotramalloor to Runaja on the Road to Cheyoor. = raud from Chettaun	25000	"	10000	do do
do	94	Cheyur	Excavating Salt boat Channel at Cheyoor	25038	"	12000	This Project was entered in the Budget of last year in which it formed item No 131 - Revised Estimate prepared by order of Government - No 3341 dt. 21st May 1864 Under Examination. —
East Coast Road	95	Between Devoor and Nagapatam	Excavating Channel from Devoor to Nagapatam to the Kistna Nagapatam Boat Route	235000		235000	Vide G.O. No 2244 dt 5th August 1864
			Carried over	570462		532424	

Executive Division No.	Locality	Description	Amount Estimate	Computed Expenditure to 30th April 1866	Estimate 1866/67	Remarks or References
East Coast Canal	96	Communications Contd/. Deepening Sadras Canal between Covelong and Palar river	570462	"	532424	
			13760	"	13760	The whole Amount granted for only 4 years Rs for 1865/66.
North Arcot District						
Wallajah Range	97	Areonum	Constructing a Road from Areonum Railway Station to the Village of Nagamedu	3100	"	3100
Vellore Range	98	Palar	Constructing a Road from Moraldum to Palar river	31700	"	31700
do	99	Nelvoy	Improving Road from Nelvoy to Pullicondah	2800	"	2800
Chittoor Range	100	Mooglyghat	Improvements to Trunk Road No 11 at the Mooglyghat	4500	"	4500
			Carried over	626322		588284

Executive Division &c	No	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866	Estimate 1866/67	Remarks or References
North Arcot District			Communications (Contd)				
Chittoor Range	101	Palmanair	Improvements to Synagoontah Ghat Road	4500	2000	2500	Rupees 2000 were allotted from Local Funds & the balance Rs. 2500 to be met from Imperial Funds.
do	102	do	Road from Coopum Road Railway Station to Kungoonty Coopum town	3650	"	3650	Estimate under Examination
Chendragherry Range	103	Tripathy	Improving Road from the town of Tripathy to the Railway Station & from the Railway Station to the town of Calastry	28750	"	28750	Sanctioned in G.O. No 1727 d/5th July 1864.
do	104	Vencatagherry	Constructing a Road from Ven. Katagherry to join Calas. Bay Road at Yarapetta	21.400	"	21.400	Estimate under Examination
do	105	Cunnamgalum	Constructing a Road from Cunnamgalum Choultry 82nd Class Trunk Road No 3 at Kan. Traveller's Bungalow in the town of Noffery	13.500	"	13500	do do
			Carried over	698122	2000	658084	

Executive Division	No	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866	Estimate 1866/67	Remarks or Reference
North Arcot District			Communications / Contd.				
Chandragherry Range	106	Talacherry	Constructing a Road from Talachery to Naidupet Village in the Nellore District to join the Trunk Road No 6	98122	20000	65808	
				34500	"	34500	Estimate under Examination
Blue Range	107	Cummamungalum	Constructing a Road from Cummamungalum to Polore	32000	12260	19740	Local Funds - Sanctioned in Local Fund Budget 1865/66 item No 34 Rs 30000. —
do	108	Shelliar	Constructing a Road from Shelliar to Conjeveram	27300	5610.	21690	Local Funds, a sum of Rs 2500 was sanctioned in Local Fund Budget of 1865/66 - item No 42.
do	109	do	Road from Shelliar to Vellemoodoo on the South Arcot Boundary	3300	"	3300	Local Funds - Estimate under preparation. —
do	110	Arnee	Road from Arnee to Chetpet	22000	9060	12940	Local Funds.
			Carried over	817222	28930	750254	

Executive Division &c.	No.	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67.	Remarks on References.
North Arcot District			Communication (Contd)				
Polur Range	111	Arnee	Road from Arnee to Cavepauk Rum	30.500	"	30.500	Local Funds.
do	112.	Polur.	Road from Polur to Wandiwash via Chettpet	45.800	8508.	10.000	Local Funds - Rs 2000 allotted for Expenditure in 1865/66 - Vide Local Fund Budget - No 61. Item ..
do	113	Tiruvathoor	Road from Tiruvathoor to Wandiwash	15000	4840.	10160	Local Funds. Estimate under Budget of 1865/66 No 40
Presidency District							Order of Govt
Northern Range	114	South Beach	Widening 3 Bridges on the South Beach	2910	"	2910	Project brought forward from the Budget of last year Vide G.O. No 3182 dt 20 October 1864. Do 3102
Madras District							
No 1 Range	115	Pommaiy	Constructing 2 Bridges of 3 Arches of 24 feet Span over the Bommajie Column Tank Surplus & Hill drainage Channel and Mangauvoy Cuddapah Road	Govt Do 6690	"	6690	Plans & Estimates under Examination
			Carried over	9.18122	42.278	810514	

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Executive Division &c	Locality	Description	Amount of Estimate	Computed Expenditure to 30th April 1866	Estimate 1866/67	Remarks or References
Madras District		Communications Contd.	918122	42.278	810514	
No I Range	116 Pommary	Constructing 3 Budges each of 3 Arches of 15 Feet Span on a piece of Road west of Poolumbadoo Village	6490	"	6490	Plans Estimates under Examination
No II or Mount Range	117 Sydapett	Vide Marmalong Budge	57800 / 49000	"	30000	Order No 3680 / G.O. No 475 dt 17th February 1865 Estimate under revision
No III Range	118 Conjeveram	Completing & Budging the Road between Conjeveram and the Palar River on the line of Shellias	2780	"	2780	Estimate under Examination
No IV Range	119	Completing the Bridge over the Palar	60.000	"	30000	Order of Govt No 1863 / No 322 / Sanctioned for entry in Budget Vide G.O. No 1561 dated 30 May 1864
North West District						
Chittoor Range	120 Chittoor	Bridge over the Poney Amnat	25800	"	10000	Order of Govt No 2287 / Estimate submitted to Government but deferred Sanction Vide G.O. No 2287 dt 8 August 1865
		Carried over	1062792	42.278	889784	

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Executive Division No.	Locality	Description	Amount Estimate	Computed Expenditure to 30th April 1866.	Estimate 1866/67	Remarks or References
North Arcot District.						
Chendragherry Range 121		Communications/Cathy Completing the Bridges on the 2nd Class Road No 13 from Naggery to Kuricumbaddy and Balapully.	62792	42.278.	889.784	
			2680	"	2680	Estimate under Examination
Colar Range 122		Constructing a Bridge of 7 Arches 32 feet Span across the Anicut or Segar River on the Road from Arcot to Arnee	10.500	"	10500	Estimate under Consideration
123		Grant for Minor Works the estimated Cost of which does not Exceed Rs 2500 each	18050	"	18050	
		Total Communications	1.94.022	42.278	9.21.014	Imperial Rs 7.90.184 Local 130.830

Executive Division	No.	Locality	Description	Amount Estimate	Computed Expenditure to 30th April 1866	Estimate 1866/67	Remarks or References
			Miscellaneous Public Improvements.				
Presidency District							
Southern Range	124	New Town	Works Connected with the Peoples Park. Viz.				
Honorary Secretary's			Constructing an Iron				
Peoples Park Committee's			suspension bridge				
			across Cochrane's				
			Canal ——— 7370				
			Erecting an octagonal				
			Galvanized iron				
			Lion Cage ——— 1200				
			do do Aviary ——— 600				
			6 feet in diameter				
			do do 5 feet do 260				
			Erecting 10 Iron Lamps				
			posts with Lamps				
			complete ——— 390				
			Enclosing the Water				
			fowl Lake with				
			880 yards of Galva-				
			nized iron wire				
			netting ——— 1320				
			do deer Paddock				
			with iron hurdles ——— 780				
			One Iron Hayrick				
			stand complete ——— 360				
			Constructing a Cottage				
			with Out-Offices				
			&c. for the Park				
			Superintendent ——— 6800				
			Purchase of trees ——— 200				
			Scythes & Hoes ——— 270				
			Ploughs Measure &c. ——— 1620				
			Carried over		20960		10000 Vide G.O. No 127 dd 14th Dec 1865
					20960		10000

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Executive Division &c.	Locality	Descriptive	Amount of Estimate	Computed Expenditure to 30th April 1866	Estimate 1866/67	Remarks or References
		Miscellaneous Public Improvements. Contd				
Residency Districts						
Southern Range						
Marine Department 125.	Beach	Wood work for the Pier	1960	"	10.000	—
			19000	"	20000	Local Inds. Estimate under Examination.
126		Grant for Minor Works the Estimated Cost of which does not exceed Rs 2500 each	10000	"	1000	
		Total Miscellaneous Public Improvements	100960	"	31000	Imperial 1000 Local 30000
		Grand Total	3876491.	405907	2537794	

Superintg. Engrs Office
for "Division"
Madras.
15th November 1865

A Thuillier Colonel RE
Supt Engr 4th Div

PW 818/166

No 2754. Superintending Engrs Office 4th Divn
Madras 15th November 1865

From
Colonel A. J. M. Boileau R.E.
Superintending Engineer 4th Division

To
Colonel C. A. Orr R.E.
Secretary to Government P.W.D.

Sir,

I have the honor to forward my Budget Lists, Parts II, and III, for the ensuing year 1866/67, which have been prepared in accordance with the instructions contained in G.O. No. 2253 dated 5th August, and 2919 dated 4th October 1865.

2 Budget Lists

2 Budget Lists II & III with Appendix

2 Accompaniments

3. Part IV, shewing the probable cost of establishments during the year 1866/67 has been sent to the Controller Public Works Accounts, and Part V, Detail of Estimate for Tools and Plant has been forwarded to the Officer in charge of the Store Department.

I have the honor to be
Sir
Your Most Obedient Servant
A Boileau Col R.E.
Supg Engr 4th Division

178

No. 86

From C. G. Reade Esqr
Collector of
South Arcot

To, Colonel C. A. Orr
Secretary to Government
Public Work Department
Madras

Sir,

I have the honor to forward to be laid before Government the accompanying Enclosures being the Budget of Imperial Public Works in South Arcot for 1866/67 together with a letter received from the Superintending Engineer 5th Division.

2 Colonel Foord's long experience in the District, and his necessary acquaintance with all its wants and requirements, both as regards roads

Fort St. George
Dated 15th January 1866
By the Secretary
to Government
Public Department

Sir,

I am directed by the Governor in Council to acknowledge the receipt of your letter No. 2/57 dated 28th January 1865 and to forward herewith a Budget for the Imperial Public Works in South Arcot for the ensuing year 1866/67.

No. 2/57.

From C. G. Reade Esqr
Collector of
South Arcot

To, The Secretary
to Government
Public Department

Sir,

I have the honor to forward herewith a Budget of Imperial Public Works in South Arcot for the ensuing year 1866/67.

Dated 15th January 1866

No. 52.

roads and works of irrigation,
render it almost superfluous
for me to add anything
in support of his recommendation
for the ensuing year's Budget.
The list submitted however while
it embraces all the works that
are most urgently needed and
that will prove the most
remunerative, includes two* which
in my judgement may with
propriety be left out. Of
the more important works entered,
I have specially reported on,
while others better known to
Colonel Foord, have not been
introduced into former Budgets.

3. I can only express my
concurrence in the selection made
by Colonel Foord, and, with the
exceptions of the two works, as
above, Nos 11 & 14, both in the
4th Range, and which I do not
myself regard as urgently required,
I trust the Budget now submitted
may receive the sanction of Government.
Considering the increasing revenue of
the District, and the solicitude of the
people

* Nos 11 & 14 in the Budget Estimate

people in regard to the majority
of these works, I venture to
hope that none of them may
be finally struck out. But
when the Budget comes to
be reviewed by the Government
of India, I fear the possibility
of some curtailment and
this induces me to plead
the retention of some works
in preference to others, so that
if the Estimate be materially
reduced, it may not be
at the sacrifice of the
works I speak of.

4. The Superintending Engineer
alludes to them in Para 6 of
his letter, and they stand in the
Budget list Nos 8 and 13 and
beg to advocate their speedy
execution. The traffic on this
imperial road is annually
increasing and a vast amount
of the produce of the Southern
and western Talugs of this District
finds its outlet by this route,
as the most ready means of
transport to distant markets

such

such as Madras &c and a great deal of the trade which formerly traversed the Trunk Road &c & on the Madras high road has recently been turned direct to Salem because of the Railway.

5. I can state from experience how great often times is the obstruction to traffic and as well to travellers on this line by the want of bridges across the Kullahs for which it is now proposed to provide. I was myself on one occasion at night detained for nearly 10 hours on the bank of one of these streams and an officer of my acquaintance was detained for 3 days & nights and had to return to Kullacoorchy. They are more or less mountain torrents which rise very rapidly and fall equally quickly to the depth of many feet and especially in the Monsoon season is this the case, and no greater boon could be conferred on the Ryots and local traders of that part of the country than by the construction of bridges over these dangerous

dangerous places, and I am disposed to give the preference to the execution of these works in the Budget over almost every other work under the head of Communication.

6 Should Government require it, I am prepared to state at length my reasons for thinking that the works Nos 11 & 16, may without any public inconvenience be omitted. It is true that both these works were sanctioned in 1856 and have subsequently from time to time been postponed but in the interval I conceive that the same necessity which originally suggested these works, more particularly No 11, no longer exists; and that while the restrictions on expenditure in the P. W. Department and so stringent, this and the Bridge No 16, may reasonably give place to other works of less magnitude & cost but of greater public usefulness; and therefore it is that I beg

beg to recommend that if the Budget be reduced to the extent of the cost of these Bridges, that these works be omitted rather than any other which appear in the list of Projects submitted by the Superintending Engineer —

I have the honour to be
Sir
Your most obedient Servant

South Arbot
Collectorate
Cuddalore
27th November
1865

Chichele Heade
Collector —

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

South Arcot — 5th Division P.P.W.

Memo: Shewing the description of Works below 2,500 Rs each under the Head Communications

Ranges	Names of Roads	Estimate 1866/67	Amount of Estimate	Remarks
1 Range	Repairs and renewals to metalling of road at Cuddalore	360	360	17th November 1841
	Clearing and Earth work to the passage from Cuddalore Custom house to the Bar	1,000	1,000	16th January 1858 No. 85
	Repairs and renewals to metalling and Earth work &c. to Salt roads leading to Teagavally and Gundalore	450	450	23rd October 1854
	Planting of Nurseries	98	98	
		1,908	1,908	
2 Range	Repairs and renewals to metalling of road from Chinnampet Salt pans to Atalore	500 x		x Order of Government dated 16th June 1865 No. 1639
2 Do.	Planting of Nurseries	98	98	
		2,506	2,006	
3 Do.	Planting of Nurseries	98	98	
		2,604	2,104	
4 Do.	Repairs to Canal locks	1,900	1,900	
	Planting of Nurseries	98	98	
	Total Communications	4,602	4,102	
	Miscellaneous Public Improvements			
1 Range	Repairs to Flag Staff at Custom house	60	60	
	Special repairs	10	10	
4th Do.	Repairs to Flag Staff at Porto Novo Custom house	60	60	
	Special repairs	10	10	
	Total Miscellaneous Public Improvements	140	140	

Supg Engrs Office 6th Divn
Salem 8th November 1865

E A Smith Lieut Bo. R.E.
Superintending Engineer

Checked Cole
Cole

Superintg Engrs office 5th Divn
No 27 Salem 8th November 1865

From,
The Superintending Engineer
5th Division

To
The Collector of
South arcot

Sir,

In forwarding for your Counter-signature and submission to Government the Budget of the South arcot District for 1866/7 I beg to offer the following remarks.

Enclosures 2
1 Imperial Fund budget
1 Memorandum

2 I have placed the Kamanaicky anicut near Virdachellum at the head of the list of agricultural New Works, because it has been the longest under consideration. I having made my first report on it in 1847. The next work, the channel from the North end of the Pomiar anicut to the Pombay river was sanctioned by Government for this year but under orders from the Government of India the work has not been commenced.

3 The Kalikurchi anicut is a work

you

From
The Superintending Engineer
5th Division

To
The Secretary to
Government P.W.D.

Dated 8th November 1865.
Recd

PWP 306/166
G.O. 1st Feby 1866 L 2-53.

Memorandum to accompany the Imperial Fund Budget for Public Works for 1866. 67.

you are well acquainted with. The next three items though entered as new works, are really for the security of existing works.

4 Items 8 and 9 under the head of communications are estimates for rebuilding the bridges on the Vridachellum road which were carried away by the great flood of October 1864. Item 10 is a further instalment of the estimate for gravelling Trunk road No 9. The portion south of the Vellair anicut is scarcely passable at present in wet weather. Item 11 is for a bridge across the Vellaur on the Chellumbrum road. As the tide comes up beyond the road crossing this river is a great obstruction to traffic at all times. The other rivers both North and South have been bridged.

5 Items 12 and 13 were objected to by Mr. Bambury when I sent him a list of works proposed for entry in the budget. As for the bridge at Arasur it must be remembered that Government originally sanctioned 42,000 Rupees for this work. On my pointing out that so large a bridge was not required, a revised estimate of nine

of

of Rupees 16,000 was sanctioned. Now that a sluice has been built at the head of the Mullatan, and the quantity of water entering it is under control I am enabled to propose a still less costly work viz a small bridge over a drainage channel at the edge of the Mullatan and gravelled embankment with a gap in it for the passage of the Mullatan. The obstruction to the traffic at this place is not the quantity of water but the expanse of sand.

6 The unbridged nullahs on the Kalikurchi road I consider a great obstruction to the traffic which is increasing on that road. These bridges might be built gradually one or two each year. Item 16 is for providing additional water way on the Chellumbrum road, and so prevent the embankments being breached in heavy Monsoons.

7 I have entered an increased amount under the head of repairs agricultural the inadequacy of the present

Grant

grant of 6000 having frequently been brought to notice.

8 The only alteration under Repairs of Communications is an increased allowance of 50 Rupees a mile to the road from Mer-Kanum to Tindivanum and from Colin-doorpet to the Salem Frontier. I reported some time ago to Government that the allo-wance of one of the roads in the Salem District was needlessly large and recom-mended that a portion of the saving should be applied in increasing the allowance of the above two roads.

I have &c

(Signed) C. A. Frood Lieut Col R.E.
Superintending Engineer

(True Copy)

Chas Read
Collector

Comp'd

5th Division
South Arcot
No.

P.W.
District
II

Detail of Estimate for Original Works for 1866. 67.

Executive Division.	No.	Locality	Description	Amount of Estimate.	Computed expenditure to 30th April 1866.	Estimate 1866. 67.	Remarks or references
			Projects				
			Military				
			Stores				
			Civil Buildings				
II Range.	1.	Merkaumm and Candal.	Gravelling and Fencing the Merkaumm and Candad Salt Platforms	4500.		4500.	Order of Government dt 5th November 1863 No 3224.
I Range.			Grant for minor works the estimated cost of which does not exceed Rs 2,500 each			1950.	In this is included an Estimate of Rupees 1650 for One Sub Magistrates Kachari at Vanur sanctioned in the Order of Government dated 24th November 1865 No 3436.
IV Range.			Do. Do. Do.			1750.	" " at Villupuram
II Range			Do. Do. Do.			100.	
III Range.			Do. Do. Do.			100.	
			Total Civil Buildings			8400.	

Executive Projects.

Division.	No.	Locality.	Description	Amount of Estimate.	Computed expenditure to 30th April 1866.	Estimate 1866. 67.	Remarks or References.
			Agricultural.				
IV Range.	2.	Comaranim-galam.	Constructing an anaikat across the Marlimoottanuddy near Vidachellum	34,750.		20,000.	Sanctioned for entry in the Budget Order of Government 19th January 1866 No. 199.
IV & III and IV Ranges	3.	Villapuram and Illavanasiur Tolligs.	Cutting the Pontoy Channel from the North end of the Ponniar Anaikat to supply a portion of Villapuram Tolig	45,400.		20,000.	Sanctioned for entry in the Budget. Order of Govt. 8/21st July 1865 No. 2103.
III Range	4.	Kallakurchi Tolig.	Constructing an anaikat across the Marlimoottanuddy and Head sluice for Kallakurchi Tank	3,400.		3,400.	Estimate will be examined and submitted shortly.
I Range	5.	Tiruvandipuram	Constructing a cut stone apron on the up stream side of the Tiruvandipuram Anaikat	4,250.		4,250.	Plans and Estimates will be submitted.
Do.	6.		Improving the covered Kalingal on the south bank of the Permall Tank	3,000.		3,000.	
Do.	7.		Do. the open Kalingal on the South end of Permall Tank	4,300.		4,300.	
Do.			Grant for minor works the estimates Cost of which does not exceed Rs. 2,500 each			2,000.	
II Range			Do. Do. Do.			2,000.	
III Range			Do. Do. Do.			5,650.	Estimates for 4 works have been prepared by the Range officer.
IV Range			Do. Do. Do.			1,800.	
			Total Agricultural			66,400.	

Projects.

Communications.

Executive Division.	No.	Locality.	Description.	Amount of Estimate.	Computed expenditure to 30th April 1866.	Estimate 1866. 67.	Remarks or References.
I Range	8.		Reconstructing a Bridge of one arch 30 feet span across the Pullekutty Odai on the 8th mile of the road from Cuddalore to Salem frontier	3650.		3650.	Order of Government dated 28th June 1865 No. 790
Do.	9.		Reconstructing a Bridge of 3 arches of 30 feet span abreas the Chambepattah Odai on the 16th mile of the Road from Cuddalore to Salem frontier by Verdachellum	5900.		5900.	Do. Do. Do.
I & II Ranges	10.		Metalling and gravelling 16 miles of Trunk Road No. 9 between Papanapet and the Coleroon river	24900.	9999.	5000.	Order of Govt. dated 16th December 1856. No. 2318. Budget of 1866. 67. No. 127.
IV Range	11.	Chittalur Chittandeum Taluq	Constructing the Bridge over the Vellaar near Bowanagiri	35020.		20000.	Order of Govt. dated 12th August 1856 No. 1405.
III Do.	12.		Forming Roadway and embankment on the bed of Malataur in the 107th and 108th mile of Trunk Road No. 8 and constructing a Bridge	5080.		5080.	Plans & Estimate will be submitted for sanction shortly.
Do.	13.		Constructing 2 Bridges on the Road from Vullatturchi to Salem frontier	17810			
IV Range	14.	Verdachellum	Constructing a Bridge across the Vanniarthanny at Verdachellum	18200.		10000.	Estimate will be examined and submitted for sanction shortly.
II Range	15.		Forming, metalling and tunnelling the Road from Pondicherry to Merkaumm	20000.		10000.	Order of Govt. dated 16th December 1856 No. 2318.
				6000.		11000.	Estimate will be examined & submitted for sanction shortly.
						70630.	

Carried Over.

Projects.

Executive Division	No.	Locality.	Description.	Amount of Estimate.	Computed expenditure to 30th April 1866.	Estimate 1866.67.	Remarks or References.
			Brought Over			70,630.	
I Range	16.		Constructing 3 Bridges of one vent of 12 feet span on the Road from Cuddalore to Chithambaram			3135.	Plans and Estimates for these works are under preparation.
"	17.		Metalling the sandy road from 11th mile to the 14½ mile of do. from No. to No.			4,800.	"
			Grant for minor Works the estimated cost of which does not exceed Rs. 2,500 each			400.	
			Total Communications			78,965.	
			Abstract of the Grants proposed for all Original Works to be Disbursed by Public W. Department.				
			Main Heads.	Imperial.	Local.	Total.	
			Military	"	"	"	
			Civil Buildings	8400.	"	8400	
			Agricultural	66,400.		66,400	
			Communications	78,965.	"	78,965.	
			Miscellaneous & Improvements				
			Total Rupees	1,53,765.	"	1,53,765.	

No. III

Detail of Estimate for repairs for 1866. 67.

		Estimate 1866. 67.	Estimate 1865. 66.
		Amount. Total.	Amount. Total.
Military.			
None			
Civil Buildings			
Cuddalore / Villupuram	Minor repairs not exceeding Rs 2500 each	1165.	1065.
	Special Repairs	200. 1365.	200. 1265.
Tindivanum / Tirunmalay	Minor repairs not exceeding Rs 2,500 each	715.	650.
	Special Repairs	85. 800.	85. 735.
Uttaramalur / Kallakurchi	Minor repairs not exceeding Rs 2500	950.	200.
	Special Repairs	50. 1000.	50. 250.
Chithambaram / Viridachellum	Minor Repairs not exceeding Rs 2500 Each	555.	555.
	Special Repairs	50. 605.	50. 605.
Repairs to Police Stations &c		300.	300.
Total Civil Buildings		4070.	3155.

		Estimate 1866. 67.	Estimate 1865. 66.
		Amount. Total.	Amount. Total.
Agricultural.			
Minor repairs not exceeding Rs 2500 each		7,000. 7,000.	6,608. 6,608.
Total Agricultural		7,000	6,608.
Communication.			
Trunk Road No VIII	Repairs & renewals & metalling	18,200	18,200.
Trunk Road No IX	Do Do	6,200.	6,200.
Road from Cuddalore to Salem frontier via Viridachellum	Do Do	7,900.	7,900.
Road from Tindivanum to Cuddalore by Mylum and Pondichery	Do Do	5,800.	5,800.
Road from Cuttalore to Trunk Road No IX & from Trunk Road No IX to Trunk Road No VIII	Do Do	4,200.	4,200.
Road from Tindivanum to Uttaramalur	Do Do	3,000	2,000.
Road from Tindivanum to Salem frontier via Tirunmalay	Do Do	7,100.	6,800.
	Carried forward.	52400.	51,100.

		Estimate 1866. 67.		Estimate 1865. 66.	
		Amount	Total	Amount	Total
Brought forward		52,420.		55100.	
Road from Pollundipet to Salem fronting via Kallakurchi	Repairs & renewals & metalling	5550.		3700	
Road from Porto Novo to Trunk Road No. IX	Do	Do 3200.		3200.	
Road from Cuddalore to Coleroon.	Do	Do 2800.		2800.	
Minor repairs not exceeding Rs. 2,500 each		4602	67552.	4102	64902.
Total Communications			67552.		64902.
Miscellaneous Public Improvements					
Minor Repairs not exceeding Rs. 2500 each		120.		120.	
Special Repairs		20.	140.	20.	140.
Total Miscellaneous P. Improvements			140.		140.

Trichinopoly
Coleroon

Supdg. Engrs. Office 5th Divn.
Salem 8th Novr. 1865.

E. Dodd Lt. Col. R.E.
Supdg. Engineer 5th Divn.

5th Division N.W.P.

Settlt Dept. Dietrict

From

The Superintending Engineer
5th Division

To

The Secretary to Government
N.W.P.

Dated 8th November 1865.
Recd " " "

No 816. 166
G.O. 1st Feby 1866 L 25.

Imperial Fund
Budget for Public Works
for 1866.67.

No. 21.

Detail of Estimate for Original Works for 1866-67.

5th Division Bangalore.

Projects.

Executive Division No. | Locality | Description | Amount of Estimate | Computed expenditure to 30th April 1866. | Estimate 1866-67. | Remarks or References.

Military.

Bangalore 1. | Race Course | Constructing Race Course Barracks. | 120000. | 620446. | 200000. | Order of Government of the 20th November 1857 No. 2136. Revised Budget of 1864-65 No. 19. As the Barracks on the Race Course are no longer for Cavalry and Artillery therefore the name "New Wagon Barrack" is changed to "Race Course Barrack" which is what it should be called.

The Estimate 592250 Rupees is the amount sanctioned by the Imperial Government in 1857. As it is now determined to locate one Cavalry Regiment and two Batteries of Artillery in this Barrack the probable total amount of the Estimate for the whole Barrack will be Rupees 120000. The Plans and Estimates for all the buildings connected with this Barrack will be most probably submitted before the end of the year.

200000.

Carried forward

Projects.

Executive Division	No.	Locality	Descriptions.	Amount of Estimate	Computed expenditure to 30th April 1866.	Estimate 1866.67.	Remarks or References.
			Brought forward			200,000.	
Bangalore.	2.	Ulsoor.	Water supply Project	72000.	64736.	20000.	Order of Government dated 17th Febmary 1863 No. 401. Revised Budget of 1864. 65 No. 20 The expenditure on this work during the next Official year will depend in a great measure on the quantity of iron pipes received from England. The Estimate for the entire Project is under revision
Do.	3.	Do.	Constructing Buildings required for the introduction of Dr. Ruff's Cooking Ranges for the use of the European Troops	14270.		14270.	Order of Government dated 3rd November 1864 No. 3169 - see also order of 28th August No. 2492
Do.	4.	Do.	Constructing 2 Staff Sergeants' Quarters 33rd Regiment N. I.	4650.		4650.	Order of Government dated 17th October 1864, No. 2981.
Do.	5.	Do.	Constructing an Office for Malt Liquor godowns for Commissariat	10000		10000.	Order of Government dated 30th August 1864 No. 2497. Plan and Estimate are under preparation.
Do.	6.	Do.	Adapting Punjab dry system in Cantonments	5240.		5240.	Order of Government dated 27th April 1865 No. 1130 - Plan and Estimate submitted for Quarter Master General's approval and transmission to Government
			Carried forward			254160.	

Projects.

Executive Division	No.	Locality.	Description.	Amount of Estimates	Computed expenditure to 30th April 1866.	Estimate 1866. 67.	Remarks & Reference.
			Brought forward			254,160.	
Bangalore.	7.	Bangalore.	Constructing two Cattle sheds at the Kurkhana lines for the Commissariat Cattle	3930.		3930.	Order of Government dated 3rd July 1865. No. 1876 Plan and Estimate are under examination and will be submitted shortly.
Do.	8.	Do.	Addition to Old Dragoon Barrack to fit it for a European Regiment			100000.	The Estimate for this work will probably amount to 400000 Rupees Three New Blocks of Barracks are required, a New Hospital and numerous other buildings.
Do.	9.	Do.	To adapt the Upper Square of the present Infantry Barracks to Commissariat godowns and to build a Bakery			30,000.	Plan and Estimate are under preparation.
Do.	10.	Do.	A Rifle Range for Artillery			30000.	Do. Do. Do.
Do.	11.	Do.	Additions to Barracks belonging to Sappers and Miners			700.	These additions consist of one Block. Married Quarters (about 2000 Rupees) Apothecary House (2000) Magazine (1800 Rs.) a small room to be added on to present Guard Room (400 Rs.) a Head House (500. Rs.) a New Hospital. Lavatory and increased Surgery accommodation (550 Rs.) Plans and Estimates are under preparation.
			Carried forward			425,090.	

Projects.

Executive Division	No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure to 30th April 1866.	Estimate 1866-67.	Remarks or References.
			Brought forward			4,25,090.	
Bangalore.	12.	Bangalore.	Additions to Barracks 33rd Regiment Native Infantry			7,000.	These additions consist of two Staff Sergeants Quarters 600 Rupees/ 6 Serjeants Room 500 Rs/ Enlargement of Guard Room 500 Rs/ Dead House 500 Rs/ Detached Special Case Ward 1500 Rs/.
Do.	13.	Do.	Additions to Barracks 22 Regiment Native Infantry			7,000.	These additions consist of enlargement and ventilation to Prisoners Room 1500 Rs/ Detached Special Case Ward 1500 Rupees/ Dead House 1500 Rupees/ a Well 1400 Rupees/ Two Apothecary's Quarters 14000 Rs/ One Hospital Lavatory 1500 Rs/ Plans and Estimates are under preparation.
Do.	14.	Do.	Additions to Horse Artillery Barracks			40,000.	These additions consist of 3 Quarters for Staff Sergeants 9000 Rupees/ a Plunge Bath for men 12000 Rupees/ a Plunge Bath for women 11,000 Rupees/ a Fives Court 2500 Rupees/ an American Bowling Alley 2500 Rs/ a Reading Room and Library 6000 Rs/ a Recreation and Refreshment Room 6000 Rs/
			Carried forward			479,090.	

Two

Projects.

Executive Division	No.	Locality.	Description.	Amount of Estimate	Computed expenditure to 30th April 1866.	Estimate 1866-67.	Remarks or References.
			Brought forward			89,090	
							Two Barracks (3000 Rupees) six stables one for each Battery Division there being two Batteries (2000 Rupees) One Magazine divided into two Rooms one for each Battery (4240 Rupees) a Cookroom and Privy for Sergeants in No. 3 and 4 Quarters in No. 2 Block Barracks (2500 Rupees) Plans and Estimates are under preparation.
Bangalore	15.	Bangalore	Constructing New Commissariat sheds			5000.	The walls of the present shed have been so destroyed by the recent heavy rains that they cannot sustain a roof. An entirely new building will be required. Plans and Estimates are under preparation.
Do.	16.	Do.	Irrigating Soldiers Garden			1000.	Estimate is under preparation
			Grant for Minor Works the Estimated cost of which does not exceed Rs. 2500 each			8000.	
			Total Military			4,93,090.	

Projects.

Executive Division.	No.	Locality.	Description.	Amount of Estimate.	Computed expenditure to 30th April 1866.	Estimate 1866.67.	Remarks or References.
			Civil Buildings.				
Bangalore	17	Bangalore.	Constructing Quarters for the Port Master	4,600.		4,600.	Plan and Estimate have been submitted ~~to Port Master~~ for General approval.
Do.	18	Do.	Constructing a New Office for the Executive Engineer at Bangalore	[illegible]		8000.	The present Office is a small ~~munsheds~~ totally unfit for the purpose and in consequence not used.
Do.	19	Do.	Additions to Saint Johns Church.	1300.		1300.	Plan and Estimate are under preparation.
			Total Civil Buildings			13900.	
			Abstract of Grants proposed for to be disbursed by Public Works Department				
			Main Heads.	Imperial	Local	Total.	
			Military				
			Civil Buildings	493000.	"	493000.	
			Agriculture	13900.	"	13900.	
			Communications		"		
			Miscellaneous Public Improvement		"		
			Total Rupees.	506900.	"	506900.	

No. III.

Detail of Estimate for repairs for 1866 67.

		Estimate 1866 67. Amount	Total.	Estimate 1865 66. Amount	Total.
	Military				
Bangalore.	Repairs to Barrack Hospital and other buildings within out Offices	7000.	7000.		
	Repairs to Cantonment roads and Bridges of 18 miles at 333½ Rs. ℔ mile	6070.		6070.	
	Minor Repairs not exceeding Rs. 2500 each	5730.		1806.	
	Special Repairs	1200		3194.	
	Total Military	26000.	26000.	18070.	18070.
	Civil Buildings				
Bangalore.	Minor Repairs not exceeding Rs. 2500 each	1000.	1000.	180.	180.
	Total Civil Buildings.	1000.	1000.	180.	180.

Lt. Col. R.E.
Superintg. Engr. 5th Div.

Supdg. Engr's Office 5th Div.
Hyderam 8th November 1865

5th Division N.W.P.

Bengaluru.

From

The Superintending Engineer
5th Division

To

The Secretary to
Government N.W.P.

W.W. 319/166.
J.O.I. 54/166 L 52.

Dated 8th November 1865.
Rec'd " "

No 21.

Imperial Fund
Budget for Public
Works for 1866. 67.

Ranges.	Names of Roads.	Estimate 1866. 67.	Amount of Estimate.	Remarks.
	Brought forward.	9900.	8493.	
Attûr Range.	Repairs and renewals to metalling of 11 miles of road from Mogapaur to Namakkul at Rupees 100 ₱ mile	1100.	1100.	25th January 1865. No. 234.
	Repairs and renewals to metalling of 10 miles of road from Mogapaur to Veylore and Yadiar 1 mile at 100 Rs. per mile	1000.	1000.	Do.
	Repairs and renewals to metalling of 12 miles of road from Veylore to Jaderpettah Limit Nodemedy 2½ miles at 100 Rupees per mile	1200.	1200.	Do.
	Repairs and renewals to metalling of 11 miles of road from Namakkul to Veylore at 100 Rupees	1100.	1100.	Do.
	Repairs and renewals to metalling of 11½ miles of road from Jaderpettah to Chittalmoor at 100 Rupees per mile	1150.	1150.	Do.
	Repairs and renewals to metalling of 8 miles of road from Pathûr to Miniampally at 100 Rupees ₱ mile	800.	800.	Do.
	Repairs and renewals to metalling of 16 Miles of road from Komarapalayam to Andalur at 100 Rupees per mile	1600.	1600.	Do.
	Repairs and renewals to metalling of Petty roads	500.	500.	22nd October 1853 No. 390.
	Repairs to Bridges and Travellers Bungalows	800.	"	
	Total Rupees	19150.	17243.	

Superintg. Engr. Office 5th Divn.
Salem, 8th November, 1865.

Ellandl — Lieut. C.E.

Supg. Engineer 5th Divn.

D. R. Ellwood
Collector of Salem

Salem District

5th Division B. P. W.

Memorandum shewing the description of works below Rupees 2500 each under the head Communications.

Ranges.	Names of Roads.	Estimate 1866. 67.	Amount of Estimate	Remarks.
Salem Range	Repairs and renewals to metalling of Yerkad and Salem Cattle Ghat on the Shevaroy Hills Rs. 620 and additional Rs. 80	600.	600.	16th January 1850 No. 70 & 30th November 1852 No. 2730.
	Repairs and renewals to metalling of 6 5/10 miles of road from Yerkad to Nagalore at 100 Rupees ₹ mile	610.	610.	23rd Accounts 1862 No. 3688.
	Repairs and renewals to metalling of 12 miles of road from Taylor's saddle to Shevaroy Hills Railway station with branch line to Nagalore commonly called Hunters Ghat at 100 Rupees ₹ mile	1200.	1200.	Rs.
	Repairs and renewals to metalling of 11 miles of road between Salem and Sentagiri Drig at 50 Rupees ₹ mile	550.	550.	11th October 1859 No. 2642
	Repairs and renewals to metalling of 9 miles of road from Salem to Omalur at 10 Rupees ₹ mile	900.	900.	Rs.
	Repairs and renewals to metalling of 2½ miles of road between the Town and Railway Station at Salem at 300 Rupees ₹ mile	675.	1080.	19th December 1860 No. 2606 and 5th March 1864 No. 664
	Rs. additional grant	405.		
	Repairs and renewals to metalling of 16 miles of road between Baramphur and Morapur at 75 Rupees ₹ mile	1200.	1200.	16th December 1865 No. 3713.
	Repairs and renewals to metalling of 11⅝ miles of road of Attur Ghat at 75 Rupees ₹ mile	853.	853.	5th August 1864 No. 2262.
	Repairs and renewals to metalling of Petty roads	1000.	1000.	22nd October 1853 No. 390.
	Repairs to Staging Bungalows	500.		
		8,300.	7793.	
Omalur Range.	Repairs and renewals to metalling of Petty Roads	500.	500.	22nd October 1853 No. 390.
	Repairs to Staging Bungalows	500.		
		9300.	8293.	
Attur Range.	Repairs and renewals to metalling of 10 miles of road from Salem to Sentagiri Drig at 50 Rupees ₹ mile	* 600.	500.	* Rs. 100 added in addition to the amount of Rs. 500 sanctioned vide No. 2642 dated 11th October 1859 to maintain due price of roads between Mts. Omalur Chowdry and Railway Station.
	Carried forward.	9900.	8793.	

5th Division R.C.W.

Colaba Division.

From

The Superintg. Engineer,
5th Division

To

The Secretary to
Government N.W.P.

No. 2611 dated 31st Dec. 66

No. 2611 dated 1st July 66 L 2,52,—

No. 2611 dated 8th November, 1866.

Rec.d

1866

Memorandum to accompany the Imperial Fund Budget for Public Works for 1866. 67.

£1-

5th Division A.P.W.

Salem District

Detail of Estimate for Original Works for 1866.

Projects.

Executive Division	No.	Locality.	Description.	Amount of Estimate.	Computed expenditure to 30th April 66.	Estimate 1866. 67.	Remarks or References.
			Military.				
Vessiv Range	1.	Madagiri	Additional stabling at Vessiv	10000.		10000.	Order of Government dated 10th August 1865 No. 2382. Plans and Estimates are under preparation.
Vessiv	"		Grant for Minor Works the estimated cost of which does not exceed Rupees 2500 each	Estd. exp.		100.	
Salem	"		Do. Do. Do.			50.	
			Total Military			10150.	
			Civil Buildings.				
Salem	"	2.	Pennagaram Constructing a Kachari for Sub Magistrate at Pennagaram	3410.		3410.	Order of Government dated 2nd February 1865 No. 327
Attur	"	3.	Namakkal Constructing a Kachari for Tahsildar at Namakkal	2450.		2450.	" " "
Salem	"	4.	Yercaud Constructing a Kachari for Deputy Tahsildar of the Shevaroy Hills	3300.		3300.	Order of Government dated 1st December 1863 No. 3531.
Do.			Grant for Minor Works the estimated cost of which does not exceed 2500 each	Estd. exp.		1000.	
Vanur Range			Do. Do. Do.			100.	
			Total Civil Buildings			12960.	

Projects.

Executive Division.	No.	Localities.	Description.	Amount of Estimate.	Computed expenditure to 30th April 1866.	Estimate 1866 67.	Remarks or references.
			Agricultural.				
Attur Range	5.	Valayapatte	Constructing 2 New Tanks at Valayapatte	5528 / 2813 / 8323		6,000.	Order of Govt. dated 3rd December 62 No 3591.
Do.	6.	Kuttupuram	Do. an Anaikat across the Swetta river at Kuttupuram	5150.		3,000.	Order of Govt. dated 5th December 1863 No 3587.
Do.	7.	Vellyur	Constructing an Anaikat across the Swetta river near Vellyur	8650.		5,000.	—"— —"— —"—
Do.	8.	Godamalai	Restoring the Godamalai Mathenakum ruined anaikat	4920.		3,000.	—"— —"— —"—
Do.	9.	Valayamadevi	Constructing a Tank near Valayamadevi	8670.		5,000.	—"— —"— —"—
Do.			Grant for Minor Works the estimated Cost of which does not exceed Rupees 2500 each			800.	
Salem Range			Do. Do. Do.			2,000.	
Vizeir Range			Do. Do. Do.			800.	
			Total Agricultural			25,600.	
			Communications.				
Salem Range	10.		Constructing a Cart road between Jarumungalam and Soorammangalam Salem Railway Station	11,300.	10,701. 4400	600.	Order of Govt. dated 27th November 1862 No 2841.
Vizeir Range	11.		Constructing a Road from Vizeir to Attur	8,320.	7,200.	1120.	—"— dated 27th January 1865 No 262.
Attur Range	12.		Constructing a 2nd Class Road separating from Salem and Ingapuram Road to Yercaud	2,670.		2,670.	Estimate has been examined & submitted for Collector's approval.
			Carried forward.			4,390.	

Projects

Executive Division	No.	Locality.	Description.	Amount of Estimates.	Complete'd expenditure to 30th April 1866.	Estimate 1866 67.	Remarks or References.
			Brought forward			4,390.	
Salem Range	13.	Swamimalai	Constructing a Choultry for Native Travellers near Railway Station at Swamimalai	5,800.	"	2,800.	Orders of Government dated 15th March 1865 No 779 20th June 1865 and 14th September 1865 No 2674.
Ulleir Range	14.	Vollarpett	Constructing a Choultry at Vollarpett the junction of Bangalore Branch Railway	4,900.	Vide 11th Do No 2881 Do 2882 Do 2883	2,900.	Order of Government 30th August 1864 No 2507.
Do.			Grant for Minor works the estimated Cost of which does not exceed Rupees 2,500 each			50.	
Salem Range		Do.	Do.	Do.		1,000.	
Ulleir Range		Do.	Do.	Do.		1890.	Estimate for 1 3rd Class road 9 Miles long been examined & submitted for Collector's approval.
			Total Communications			13,030.	

Abstract of Grants proposed for all original Works to be disbursed by Public Works Department.

Main Heads.	Imperial.	Local.	Total.
Military	10,150.	"	10,150.
Civil Buildings	12,960.	"	12,960.
Agricultural	25600.	"	25600
Communications	13,030.	"	13,030.
Miscellaneous Public Improvements	"	"	"
Total Rupees	61,740.	"	61,740.

No. III.

Detail of Estimate for Repairs for 1866. 67.

			Estimate 1866. 67.		Estimate 1865. 66.	
			Amount	Total.	Amount	Total.
	Military					
Seramanpalam	Minor repairs not exceeding Rs. 2500 each		80.		80.	
	Special Repairs		20.	100.	20.	100.
Maddagiri	Minor repairs not exceeding Rs. 2,500 each		425.		425.	
Tripatur Shulagiri	Rs.	Rs.	120.		120.	
	Special Repairs		80.	625.	80.	625.
	Total Military			725.		725.
	Civil Buildings					
Salem Barampuri Otanjiri	Minor repairs not exceeding Rs. 2500 each		2400.	"	810.	
	Special Repairs		600.	3000.	100.	910.
Ossoor Tripatur Kishnagiri	Minor repairs not exceeding Rs. 2,500 each.		420.		420.	
	Special Repairs		50.	470.	50.	470.
	Carried forward			3470.		1380.

			Estimate 1866. 67.		Estimate 1865. 66.	
			Amount	Total.	Amount	Total.
	Brought forward.			3470		1380.
Namakal Attur Tondengode	Minor repairs not exceeding Rs. 2500 each		800.		400.	
	Special Repairs		150.	950.	142.	542.
	Total Civil Buildings			4420.		1922.
	Agricultural					
	Minor Repairs not exceeding Rupees 2,500 each		37325.	37325.	20464	20464.
	Total Agricultural			37325.		20464
	Communications					
Trunk Road No. V	Repairs renewals & metalling		12,000.	"	12,000.	
Trunk Road No. I	Rs.	Rs.	10,200.	"	17,264	
Road from Malapandi to Tripatore.	Rs.	Rs.	4800.		4800.	
Road from Vanis to Adamankottas	Rs.	Rs.	4050.		4050.	
Salem and Trichinopoly Road	Rs.	Rs.	10,000.		10,000.	
Road between Salem and South West frontier.	Rs.	Rs.	6,300.		6,300.	
	Carried Over		47,350.		54,414	

	Estimate 1866 67.		Estimate. 1865. 66.	
	Amount.	Total.	Amount	Total.
Brought Over.	47350.		54414	
Minor Repairs not Exceeding Rupees 2500 each	19150.	66500.	17243.	71657.
Total Communications		66500.		71657.

Ed Bond Lt Col R.

Superintg: Engineer 5th Div.

Supdg. Engrs Office 5th Div.
Salem, 8th November, 1865.

A R Cuthbert
Collector of Salem

1866 Dafta
No 819
5 a Division

15

Salem District

From

The Superintg. Engineer
5th Division

To

The Secretary to
Government N.W.P.

Dated 8th November 1865
Recd 20 Janry "
" 825
~~1865~~ 1866

Imperial Fund
Budget for Public Works
for 1866.67.

encs 1105-1106. 1st Feby 1866

No 54

65

1

6 Ex.
Tanjore
Fort

Detail of Estimate for

Executive Division	Projects: No.	Locality	Description	Amount of Estimate	Contract Expenditure to 30th April 1866	Estimate 1866/67	Remarks or References (The particulars as to which the estimate has been prepared or sanctioned should be entered here. If sanctioned by Government of India, the reference should be quoted.)
			Civil Buildings				
No 3 Range	1	Mayaveram & Shially	Excavating a trench &c. raising bank &c. for three salt seams at Tranquebar				
—do—	2	do — do —	Constructing Road from Tranquebar Salt plat forms to Carikal and Tranquebar roads				
No 1 —do—	3	Tanjore	—do— a Civil Court house at Tanjore	5720	2000 / 2000 / 1818	3720	Sanctioned in G. O. No. 2606 dated 7th September 1865 — × Special allotment required vide letter No. 1501 dated 1st December 1865 — Sanctioned for entry in the Budget of 1866/67 vide
—do—	4	—do—	—do— a Jail at Tanjore	3810 / 2590 / 48570 / 64000		2590 / 20000 / 30000	× Reduced vide letter No. 1582 of 15th November 1865 — Sanctioned for entry in Budget of 1864/65 vide G. O. No. 3707 dated 15th December 1865 — Sanctioned for entry in Budget of 1865/66 vide G. O. No. 3622 dated 17th December 1864 —
No 3 —do—	5	Mayaveram & Shially	Constructing a Taluq Cutcheery at Mayaveram	4500		4500	Sanctioned in G. O. No. 2397 dated 24th December 1861 vide also G. O. No. 3184 dated 4th November 1864 —
No 1 —do—	6	Tanjore	Demolishing walls of the Tanjore Fort	131000		15000	Sanctioned for entry in Budget of 1865/66 vide G. O. No. 559 dated 24th February 1864 —
			Total Civil Buildings			77500	
			Agricultural				
No 2 —do—	7	Combaconum	Rebuilding a portion of the Lower Coleroon Anicut and adding Aprons	100000	43276	56724	× An approximate amount — Estimate not yet prepared — There was a balance of Rs. 18,276 of the allotment of 1865/66 in July. Rupees 25,000 in addition will be required upto April 1866. A special sanction of Rs. 25,000 for this year has been applied for in letter No. 1501 of 1st December 1865 —
			Carried over			56724	

Division
District
II Budget
Original entries for 1866/67

Executive Division	No.	Locality	Description	Amount of Estimate	Amount of Estimate Completed 30th April 1866	Estimate 1866/67	Remarks or Reference (The particulars as to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by Government of India the reference No. should be quoted)
			Brought forward			56724	
Nos 1, 2, and 3 Tanjore		Tanjore Cultivation Chetty & Mayaveram	Regulating works for Improvement of the River Cauvery				Being examined by Captain Mead. Estimate not yet submitted - approximate Amount. Work will not be commenced till January 1867.
			Total Agriculture			106724	
			Communications				
No 4 Range	9	Nagapatam Trichinopoly	Undertaking Cauvery			24165	
No 5 — Do —	10	Trichinopoly Combaconum	Constructing the Road from Needamungalum Railway Station to Tirumaraydy	64000	30000	34000	Sanctioned in G. O. No 3101 dated 19th October 1865 & Rs 10,515 — Vide letter No 1501 dated 14th December 1865 if not sanctioned Rs 64000 will be required in 1866/67.
No 1 — Do —	11	Tanjore	Constructing a Road from Aulaicody Station to Vallum	30420	15000		Order of Govt dated 22d December 1862 No 2807 and 10th August 1863 No 2248.
No 6 — Do —	12	Nunnillum	Do a Road from Cordachery Railway Station along the left bank of Vellyaur River to join Road No 23	27000	12880		Sanctioned in J. O. No 2083 dated 20th July 1864 vide also G. O. No 3184 dated 4th November 1864.
No 5 — Do —	13	Tirumaraydy Pattambetchy	Do a road from Peroovalundai to the Sea shore of Pattambetchy	12100	6000		Sanctioned for entry in Budget of 1865/66 in G. O. No 3516 dated 12th December 1864.
No 1 — Do —	14	Tanjore	Constructing Road from Valiamungalum Station Southwards to Road No 7 which Connects Tirumaraydy with Tanjore	10500	10500		Order of Govt 23d November 1859 No 2148. This work was entered in Own per Cent Income Tax fund Budget of 1865/66 but not sanctioned
				21000	11000		Estimate approved of in G. O. No 3116 dated 31st October 1864.
Do	15	Do	Constructing a Road from Cottapetty Railway Station to Comilady on the North bank of Cauvery	17800	7800		Do Do Do
			Carried Over		97100		

Executive Division	No.	Locality	Projects (Description)	Amount of Estimate	Amount for Completion of Sanction to 30th April 1866	Estimate 1865/66	Remarks or References (The particulars as to when the Estimate has been prepared or sanctioned should be entered here. If sanctioned by Govt. of India, the register No. should be quoted.)
							71
			Brought forward	—	—	97,100	
No 4 & 5	Range 16	Tritrapoondy & Nemmazadi	Constructing Masonry work & ov. Road No 27 from Cattaon to Lungundy in the Nemmazady and Tritrapoondy Talugs.				
			A Bridge of 3 arches across the Moollian	2400			
			A Bridge across the Perasinoocon. daw	2820			
			A Bridge of one arch across the Cho. Gavaneur	2250			
			2 Bridges across the Pudupandi aur and Vingainaur Cholacolum Channels	3360			
			A Bridge across the Palambiandy aur	1700			
			Sundry Tunnels and small Bridges	2100			Order of Govt. dated 23d November 1864 No 2148. These works were entered in the per Cent Income Tax fund Budget of 1865/66, but not Sanctioned.
				14630	—	14630	
No 1	Range 17	Tanjore	Constructing a Road from Boo. thalore Station Southwards to Vengiepatty	14200	—	7200	Estimate approved of in G. O. No 3116 dated 31st October 1864.
No 2	do	18	Commencement Completion of the Road from Pa. panassem to Cabistallum.				
			Bridge across the Cauery	14500			No 35 in Budget No 1 of 1865/66. These
			do do Arselaur	7150			Estimates would now be insufficient. The
			do do Trimulrajanaur	6570			Bridges will be built in Connection
			do do Codamaruthy	14660			with the Cauery Improvement Projects
				42880	—	20000	and might be omitted in future Budgets
			Total Communications	141880		138,930	

Abstract of the grants proposed for all Original works to be disbursed by the Public Works Department.

Main Heads		Imperial	Local	Total
Civil Buildings		77,530		77,530
Agricultural		106,724		106,724
Communications		138,930		138,930
Total as per pages	1,243	323,184		323,184

Lt. Engrs Office &c &c
Lahore 5th December 1865

N. B. The works under the respective heads are entered in the Order of their importance

H. F. Baker Captain R.E.
Supt. Engineer 5th Div.

Abstract of the grants proposed for all Original works to be disbursed by the Public Works Department.

Main Heads		Imperial	Local	Total
Civil Buildings		77,530		77,530
Agricultural		106,724		106,724
Communications		138,930		138,930
Total as per pages	1,243	323,184		323,184

Lt. Engrs Office &c &c
Lahore 5th December 1865

N. B. The works under the respective heads are entered in the Order of their importance

H. F. Baker Captain R.E.
Supt. Engineer 5th Div.

Tanjore District

List of Minor works below Rupees 2000 each recommended for Execution in 1866/67

Description of works	Amount of Estimate	Remarks
Civil Buildings		
Altering the Civil Court house at Combaconum to adopt it for a Taluq Cutcherry	1480	19 Inch Ele No 3325 Land Vide G.O. etc 3184 dated 4th November 1864 Estimate submitted with letter etc 1790 of 27 Octr 1864
Constructing an additional ward in the Subsidiary Jail at Negapatam	1070	Vide Supdg Engrs Letter etc 1463 dated 25th November 65 [illegible] Land
Constructing 7 Tunnels over the channels intersecting approaches to the Salt Depots at Nagalungottay, Kattoomanadi, Adyipatam and Atrasanicary	770	
Extending Platforms at Adirampatam	500	
—Do— —Do— at Vadapathy	1800	
—Do— —Do— at Thenpathy	1115	
Constructing a gateway and Cutchery combined for the Supdt at Vadarnieum and a watch Tower	1000	Estimate Called for in G.O. etc 1676 dated 16th June 1865
Constructing a Gateway & Cutchery combined for the Supdt at Adirampatam	1600	
—Do— —Do— at Vadapathy	1000	
—Do— —Do— at Cattoomanadi	1000	
Watch Towers only at Thenpathy	200	

Supdg Engrs Office 6th Dec
Tanjore 5th December 1865

H. F. Dastel Captain R.E.
Supdg Engineer 6th Dn

Tanjore District

List of Minor works below Rupees 2000 each recommended for Execution in 1866/67

Description of works	Amount of Estimate	Remarks
Civil Buildings		
Altering the Civil Court house at Combaconum to adopt it for a Taluq Cutcherry	1480	19 Inch Ele No 3325 Land Vide G.O. etc 3184 dated 4th November 1864 Estimate submitted with letter etc 1790 of 27 Octr 1864
Constructing an additional ward in the Subsidiary Jail at Negapatam	1070	Vide Supdg Engrs Letter etc 1463 dated 25th November 65 [illegible] Land
Constructing 7 Tunnels over the channels intersecting approaches to the Salt Depots at Nagalungottay, Kattoomanadi, Adyipatam and Atrasanicary	770	
Extending Platforms at Adirampatam	500	
—Do— —Do— at Vadapathy	1800	
—Do— —Do— at Thenpathy	1115	
Constructing a gateway and Cutchery combined for the Supdt at Vadarnieum and a watch Tower	1000	Estimate Called for in G.O. etc 1676 dated 16th June 1865
Constructing a Gateway & Cutchery combined for the Supdt at Adirampatam	1600	
—Do— —Do— at Vadapathy	1000	
—Do— —Do— at Cattoomanadi	1000	
Watch Towers only at Thenpathy	200	

Supdg Engrs Office 6th Dec
Tanjore 5th December 1865

H. F. Dastel Captain R.E.
Supdg Engineer 6th Dn

Tanjore District

List of Minor works below Rupees 2000 each recommended for Execution in 1866/67

Description of works	Amount of Estimate	Remarks
Civil Buildings		
Altering the Civil Court house at Combaconum to adopt it for a Taluq Cutcherry	1480	19 Inch Ele No 3325 Land Vide G.O. etc 3184 dated 4th November 1864 Estimate submitted with letter etc 1790 of 27 Octr 1864
Constructing an additional ward in the Subsidiary Jail at Negapatam	1070	Vide Supdg Engrs Letter etc 1463 dated 25th November 65 [illegible] Land
Constructing 7 Tunnels over the channels intersecting approaches to the Salt Depots at Nagalungottay, Kattoomanadi, Adyipatam and Atrasanicary	770	
Extending Platforms at Adirampatam	500	
—Do— —Do— at Vadapathy	1800	
—Do— —Do— at Thenpathy	1115	
Constructing a gateway and Cutchery combined for the Supdt at Vadarnieum and a watch Tower	1000	Estimate Called for in G.O. etc 1676 dated 16th June 1865
Constructing a Gateway & Cutchery combined for the Supdt at Adirampatam	1600	
—Do— —Do— at Vadapathy	1000	
—Do— —Do— at Cattoomanadi	1000	
Watch Towers only at Thenpathy	200	

Supdg Engrs Office 6th Dec
Tanjore 5th December 1865

H. F. Dastel Captain R.E.
Supdg Engineer 6th Dn

6th Division

Jaujeer District

From.

The Supt. Cazaier
6th Division

To.

The Secretary to Govt.
D.P.W.

Dated 5th
Ord. 3 December 1866

No 820/166

Sir,

Detail Estimate for
Original Work for

6th Division

Jaujeer District

From.

The Supt. Cazaier
6th Division

To.

The Secretary to Govt.
D.P.W.

Dated 5th
Ord. 3 December 1866

No 820/166

Sir,

Detail Estimate for
Original Work for

6th Division

Jaujeer District

From.

The Supt. Cazaier
6th Division

To.

The Secretary to Govt.
D.P.W.

Dated 5th
Ord. 3 December 1866

No 820/166

Sir,

Detail Estimate for
Original Work for

16 Division

Tenjore District

Part II Budget

Detail of Estimate for Repairs for 1866-67

Civil Buildings

			Estimate 1866-67		Estimate 1865-66		Remarks
			Amount	Total	Amount	Total	
Tanjore District							
Tanjore Station	— Minor Repairs not exceeding Rupees 2500	each	2307	2307	2207	2207	
Combaconum Station	— Minor Repairs not exceeding Rupees 2500	each	2018	2018	1978	1978	
Negapatam & Healthy Stations	3 — Minor Repairs not exceeding Rupees 2500	each	2787	2787	2747	2747	
Negapatam & Devicotah & Porto Novo Stations	3 — Minor Repairs not exceeding Rupees 2500	each	6959	6959	6919	6919	
Mannargoil & Pattocottah Stations	3 — Minor Repairs not exceeding Rupees 2500	each	6240	6240	6200	6200	
Shanmelum Station	— Minor Repairs not exceeding Rupees 2500	each	990	990	950	950	
	Minor Repairs for Police Buildings not Rupees 300 for the District	exceeding	"	"	300	300	
	Total Civil Buildings			21301		21301	
	Agricultural						
Tanjore District Coleroon Anicut	Repairs to Banks not exceeding 2,500 Repairs to Coleroon Anicut Bank	Rupees each	6000	6000			
	1st Range			1000			
	2nd " Do			1000			
	C. Anicut			2000		6000	

		Estimate 1866-67 Amount	Total	Estimate 1865-66 Amount	Total	Remarks
	Brought forward		2000		6000	
Defensive Works including Canal & plant						
	1st Range		500			
	2nd do		1000			
Repairs to Bridges						
	2nd Range		100			
Repairs to Sluices, Calinfulahs &c.						
	1st Range		100			
	2nd do		200			
Maintenance of plantations, Canals & Embankments						
	2nd Range		108		4008	
Veniaum River. Repairs to Veniaum Roads						
	1st Range		200			
	2nd do		1000			
	5th do		2000			
	6th do		200			
Defensive Works including Canal & plant						
	1st Range		1000			
	2nd do		200			
	5th do		500			
	6th do		200			
Repairs to Bridges						
	5th Range		100			
Repairs to Sluices, Calinfulahs &c.						
	1st Range		50			
	2nd do		200			
	5th do		100			
	6th do		200			
Maintenance of plantations, Canals & Embankments						
	2nd Range		108			
	5th do		208			
	6th do		48			
Repairs to Causeway						
	1st Range		500		6814	
	C. Amt.				16822	

		Estimate 1866-67 Amount	Total	Estimate 1865-66 Amount	Total	Remarks
Cowvery River — Repairs to Cowvery River bunds	B. Norman	16822				
1st Range		200				
2nd Do		1000				
3rd Do		200				
Defensive works including Anicut plant						
1st Range		500				
2nd Do		2000				
3rd Do		50				
Repairs to Sluices, Colingalahs &c						
1st Range		100				
2nd Do		500				
3rd Do		200				
Maintenance of plantations, Anicut & bunds	Watchers					
2nd Range		252				
3rd Do		250	5252			
Vettaur River — Repairs to Vettaur River bunds						
1st Range		200				
2nd Do		1200				
4th Do		1600				
6th Do		600				
Defensive works including Anicut plant						
1st Range		1000				
2nd Do		1800				
4th Do		800				
6th Do		500				
Clearance of heds						
6th Range		3500				
Repairs to Bridges						
2nd Range		50				
	C. Queen	11250	22074			

		Estimate 1866-67 Current	Estimate 1866-67 Total	Estimate 1865-66 Current	Estimate 1865-66 Total	Remarks
Brought forward		11250	22074			
Repairs to Caliyal abs, Sluices &c.						
2nd Range		100				
6th do		400				
Maintenance of plantations, Namb. & bank	Watchers					
2nd Range		36				
4th do		240				
6th do		192	12218			
Coleroon River — Repairs to Coleroon River banks						
1st Range		100				
2nd do		500				
3rd do		4000				
Defensive Works including Namb. plant						
1st Range		300				
2nd do		900				
3rd do		1500				
Repairs to Sluices, Caliyal abs &c.						
3rd Range		150				
Maintenance of plantations, Namb. & bank	Watchers					
2nd Range		144				
3rd do		350				
Repairs to Anicut						
1st Range		5000	12944			
Munniaur River — Repairs to Munniaur River banks						
2nd Range		1000				
3rd do		500				
Defensive works including Namb. plant						
2nd Range		700				
	C. Cuss	2200	47236			

		Estimate 1866-67		Estimate 1865-66		Remarks
		Amount	Total	Amount	Total	
Clearance of Lines	D. Stannard	2201	47236			
2nd Range		800				
Repairs to Bridges						
2nd Range		100				
Repairs to Caliyalahs, Sluices &c.						
2nd Range		600				
3rd D.o		100				
Maintenance of plantations, Jhanub & Lanka	Watchers					
2nd Range		36	3836			
Arasalaun Niven — Repairs to Arasalaun Niven bunds						
2nd Range						
6th D.o		1000				
Defensive works including Jhanub plant.						
6th Range		500				
Repairs to Caliyalahs, Sluices &c.						
6th Range		500				
Maintenance of plantations, Jhanub & Lanka	Watchers					
6th Range		240	2240			
Iroomulajaun Niven 3 — Repairs to Iroomulajaun Niven bunds						
2nd Range						
6th D.o		1000				
Defensive works including Jhanub plant.						
6th Range		500				
Repairs to Caliyalahs, Sluices &c.						
6th Range		500				
Maintenance of plantations, Jhanub & Lanka	Watchers					
6th Range		192	2192			
Iroodicoadaun Niven 3 — Repairs to Iroodicoadaun Niven bunds						
2nd Range						
6th D.o		500				
	C. Carr	500	55504			

		Estimate 1866-67 Amount	Total	Estimate 1865-66 Amount	Total	Remarks
	Brought forward		500	55504		
	Defensive works including Ramble plant					
	6th Range		500			
	Repairs to Caliguladhs, Sluices &c.					
	6th Range		500			
	Maintenance of plantations, Ramble & Earth	Estimates				
	6th Range		192	1692		
Palaveram River	Repairs to Palaveram River bunds					
	2nd Range		1800			
	3rd Do.		1000			
	Defensive works including Ramble plant					
	3rd Range		250			
	Repairs to Bridges					
	2nd Range		100			
	Repairs to Caliguladhs, Sluices &c.					
	2nd Range		300			
	Maintenance of plantations, Ramble & Earth	Estimates				
	3rd Range		250	3700		
Cyanaur & Mogliaur River	Clearance of beds					
	4th Range		6000			
	Repairs to Masonary works					
	4th Range		1500	7500		
Pandanyaur River	Repairs to Pandanyaur River bunds					
	4th Range		1500			
	5th Do.		300			
	6th Do.		1000			
		C. Rivers	2800	68396		

		Estimate 1866-67		Estimate 1865-66		
		Amount	Total	Amount	Total	Remarks
	B/ Brought forward		2800	68396		
Defensive works including Ramule plank						
5th Range			200			
6th do			500			
Repairs to Sluices, Calingulahs &c						
5th Range			50			
Maintenance of plantations, Ramule & bank		watchers				
5th Range			56			
6th do			144	3750		
Puttaun River — Repairs to Puttaun Rivers banks						
6th Range			1500			
Defensive works including Ramule plank						
6th Range			1000			
Repairs to Calingulahs, Sluices &c						
6th Range			500			
Maintenance of plantations, Ramule & bank		watchers				
6th Range			140	3140		
Valapaun River — Repairs to Valapaun Rivers banks						
6th Range			1500			
Defensive works including Ramule plank						
6th Range			1001			
Repairs to Calingulahs, Sluices &c						
6th Range			400			
Maintenance of plantations, Ramule &c		bank watchers	192	3092		
Minor works not exceeding Rupees 2500 each			41622	41622		
Total Agricultural			120,000		113,000	

		Estimate 1866-67 Amount	Estimate 1866-67 Total	Amount	Total	Remarks
	Communications					
Road No. 2 from Head Quarters to Colerow at Chelly	Repairs & renewals to Metalling 1st Class	2760		2760		
	2nd Do.	3480		3480		G.O. 9th May 1856 No. 27
	3rd Do.	2820	9060	2820	9060	G.O. 23rd July 1863 No. 2020
Road No. 1 from Tanjore to Negapatam	Repairs & renewals to Metalling 1st Class	2100		2100		
	4th Do.	2700		2700		
	5th Do.	1350		1350		
	6th Do.	1650	7800	1650	7800	Do. Do. & Do. Do.
Road No. 35. from Parallam to Devicotta passing via Tiruvalur	Repairs & renewals to Metalling 4th Class	1650		1650		
	6th Do.	1150	2800	1150	2800	2nd July 1863 No. 2020
Road No. 31 from Mayaveram to Negore	Repairs & renewals to Metalling 3rd Class	800		800		
	6th Do.	1700	2500	1700	2500	Do. Do.
Do. No. 26 from Mootoopettah to Valaguntay	Repairs & renewals to Metalling 1st Class	2560	2560	2560	2560	Do. Do.
Road No. 5 from Devicotta to Negapatty via Cudra. cottah	Repairs and renewals to Metalling 1st Class	1200		1200		
	5th Do.	2160	3360	2160	3360	Do. Do.
Do. No. 36 from Negore to Valaguntay 6 Miles at 880 Rs. & 4 Miles at 100 Rs. per Mile	Repairs and renewals to Metalling 4½ Class	5680	5680	1000	1000	Do. Do. × The increased Maintenance Grant for this Road has been authorised in G.O. No. 2054 of 18th July 1865 for entry into the Budget of 1866-67
Do. No. 8 from Puttocottah to Tanjore	Repairs & renewals to Metalling 1st Class	1440		1440		
	5th Do.	1760	3200	1760	3200	2nd July July 1863 No. 2020
	C. Carried		36960		32280	

		Estimate 1866-67		Estimate 1865-66		
		Amount	Total	Amount	Total	Remarks
	B. Forward		56960		52280	
Repairs & renewals to Metalling not exceeding Rupees 2500 each		11585	11585	11585	11585	
Repairs to Unmetalled Roads		20000	20000	13570	13570	3rd May 1858 No. 188 × The Discretionary allowances is Rupees 20000, the allotment for 1865-66 was found insufficient.
Do. to Bridges		1200	1200	1200	1200	
Do. to Culverts		6500	6500	6500	6500	
Do. to Navigable Canals		700	700	700	700	
Total Communication			76945		65775	
Miscellaneous Public Improvements						
Dak Bungalows & Chokeys Stations — Minor repairs not exceeding Rupees 2500 each		80	80	80	80	
Negapatam & Tevertapondy Stations — Minor repairs not exceeding Rupees 2500 each		2100	2100	2100	2100	
Dummagudi & Pattoocottah Stations — Minor repairs not exceeding Rupees 2500 each		100	100	100	100	
Total Miscellaneous Public Improvements			2280		2280	

Memorandum of Roads the Maintenance & repairs of which do not exceed Rupees 2500 each — to accompany the Part III Estimate

Description of works	Amount of Maintenance & repairs	Length in miles	Breadth with appertainings to each Range thro' which the Road passes						Remarks
			2nd Range	3rd Range	4th Range	5th Range	6th Range	Total	
Maintenance & repairs									
Trunk Road No. IX from Lower Anicut to Combaconum	1350								G.O. No. 18 — September 1854 No. 400 & 23rd July 1863
Additional to above	675		2025					2025	No. 2020.
Road from Cheelly to Aunikaren chuttrum	840		"	840	"	"	"	840	Do. Do. No. 2020
— Do. — No. 1 west of Tanjore	2400	24	"	"	"	"	"	2400	— Do. — Do. —
Do. from Tanjore to the South branch of Aleroor on the Road to Arealur	820	8	"	"	"	"	"	820	— Do. — Do. —
— Do. — No. 15 from Combaconum to Mannargudi	2400		1350	"	"	1050	"	2400	— Do. — Do. —
— Do. — No. 17 — from — Cojanasch to Coradachary	600		"	"	"	"	600	600	— Do. — Do. —
— Do. — No. 39 from Papanasem to Ammia Pettah	900	9	"	"	"	"	"	900	— Do. — Do. —
— Do. — No. 15 from Mannargudi to Veiraumpatam	1600		"	"	"	1600	"	1600	— Do. — Do. —
	11585	41	3375	840	"	2650	600	11585	
Repairs to Unmetalled Roads	20,000	200	4300	4300	1650	5500	2250	20,000	These amounts are approximate only, as it depends upon the condition of the Roads after the Monsoon what sums are required in each Range

Asst. Engr. Office Trunk Road
Tanjore
5th December 1865

H. T. Dare Captain R.E.
Asst. Engineer Trunk Road

6th Division

Lahaina District

Honua

The Supt Engineer
6th Division

To, The Secretary to Govt
D.P.W.

Dated 5th
Dec 2d } December 1865

For $320.66

Lieut H.L. Beckley

Details of Estimates for
Repairs for 1866-67.

6th Trichinopoly Park

Detail of Estimate for

Division
District
III Budget.
Repairs for 1866/67

			Estimate 1866/67 Amount	Estimate 1866/67 Total	Estimate 1865/66 Amount	Estimate 1865/66 Total
		Military				
Trichinopoly / Trichinopoly station	Military Buildings			4623		4623
	Cantonment Roads			1188		1188
	Special Repairs			725		725
				6536		6536
		Total Military		6536		6536
		Civil Buildings				
Trichinopoly / Trichinopoly station	Minor Repairs not Exceeding Rs.	2500 each		1550		1450
Musiri and Perambalore stations	Minor Repairs not Exceeding Rs.	2500 each		845		775
Woriarpollicum stations	Minor Repairs not Exceeding Rs.	2500 each		615		575
Kulitullay station	Minor Repairs not Exceeding Rs.	2500 each		665		625
	Minor Repairs for Police Buildings not Exceeding Rs. 2500 for the District					250
		Total Civil Buildings		3675		3675
		Agricultural				
Trichinopoly District	Repairs to Tanks not Exceeding Rs.	2500 each		13500		13500
Agumda Cavery	Repairs to Agumda Cavery River bank					
	2nd Range			3000		
	4th "			1000		
	Repairs to Calingulahs, Sluices &c.					
	2nd Range			4000		
	Maintenance of plantations, Canals, bank waterchers					
	2nd Range			600		8600
		Carried Over				22100

		Estimate 1866/67		Estimate 1865/66	
		Amount	Total	Amount	Total
	Brought forward		22,100		
Cawery river	Repairs to Cawery banks				
	1st Range	2000			
	Defensive works including Naval plant				
	1st Range	2000			
	Repairs to Bridges				
	1st Range	2000	6000		
Coleroon River	Repairs to Coleroon banks				
	1st Range	4000			
	3d Do	8000			
	Defensive works including Naval plant				
	1st Range	2000			
	2d Do	200			
	Repairs to Bridges				
	1st Range	500			
	Maintenance of plantations, Naval & land watchers				
	3d Range	700	15,400		
Iyaur River	Repairs to Iyaur River banks				
	1st Range	1000			
	2d Do	500			
	Defensive works including Naval plant				
	2d Range	100			
	Repairs to Calingalahs, Sluices &c				
	2d Range	2500	4100		
Poppaur River	Repairs to Poppaur River banks				
	1st Range	1000			
	Repairs to Calingalahs, Sluices &c				
	1st Range	5000	6000		
Weyacondam channel	Repairs to Weyacondam channel banks				
	1st Range	2000			
	Carried Over	2000	53,600		

			Estimate 1866/67		Estimate 1865/66	
			amount	Total	amount	Total
	Brought forward		2000	53600		
	Clearance of beds 1st Range		2500			
	Repairs to Caliugalahs, Sluices &c 1st Range		3000	7500		
Permuallay Channel	Repairs to Permuallay Channel bank 1st Range		1000			
	Clearance of beds 1st Range		1000			
	Repairs to Caliugalahs, Sluices &c 1st Range		1000	3000		
Pudu Iyen, North and South Iyen channels	Repairs to Pudu Iyen, North & South 1st Range	Iyen channels	1000			
	Clearance of beds 1st Range		2000			
	Repairs to Caliugalahs, Sluices &c 1st Range		1000	4000		
Pomairy Channel	Repairs to Pomairy Channel banks 3d Range		2500			
	Clearance of beds 3d Range		700			
	Repairs to Caliugalahs, Sluices &c 3d Range		250			
	Maintenance of plantations, Channel & 3d Range	bank watchers	250	3700		
	Minor works not exceeding Rs. 2500 each		20600	20600		
	Total Agricultural			92400		60079

	Estimate 1866/67		Estimate 1865/66		
	Amount	Total	Amount	Total	
Communications					
Trunk road No. 8 from Pellaur river to Trichinopoly — Repairs & Renewals & Metalling					
1st Range	6800		6800		G.O. No. 2259 of 4th Dec. 1857
2d — Do.	7200	14000	7200	14000	
Road from Trichinopoly to Salem — Repairs and Renewals & Metalling					
1st — Range	2200		2200		Do. No. 2281 of 11th Dec. 1861
2d — Do.	7800	10000	7800	10000	
Southern Trunk road from Trichinopoly to Madura — Repairs and renewals & Metalling					
1st Range	2800	2800	2800	2800	Do. No. 2374 of 24th Do.
13 Miles of the above road lying in the Puducottah & Rajah Country at 250 Rs. P. Mile — Repairs and renewals & Metalling					
1st Range	3250	3250	3250	3250	Do. No. 3127 of 27th Oct. 1863
Road from Trichinopoly to Caroor — Repairs and renewals & Metalling					
1st Range	4560		4560		Do. No. 322 of 29th Feby. 1856 and
4th — Do.	3840	8400	3840	8400	No. 1346 of 13th June 1862 — G.O. No. 1867 of 8th Octobr. 1861
Southern Trunk road from Trichinopoly to Madura between Commencement of the Southern limits of the Trichinopoly District — Repairs and renewals & Metalling					
4th Range	1600				Do. No. 949 of 16th May 1861 and
Additional & Do.	2400	4000	4000	4000	No. 3127 of 27th Octobr. 1863
Road from Trichinopoly to Sirukkal from the Arjanaiver to the boundary of the Madura Dist. — Repairs and renewals & Metalling					
4th Range	2600	2600	2600	2600	Do. No. 26 of 6 January 1864
Repairs and renewals & Metalling					
Under Rs. 2500 each	10490	10490	10490	10490	
Repairs to Unmetalled Roads	950	950	950	950	
Do. to Bridges	285	285	285	285	
Total Communications		56775		56775	

Memorandum of Roads the maintenance grants of which do not exceed Rupees 2500 each to accompany the Part III Reports

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Description of works	Amount of maintenance grants	Amounts thereof	appertaining to each Range to the road passed			Total	Remarks
		1st Range	2nd Range	3rd Range	4th Range		
Military							
Cantonment Roads	1188	1188				1188	G.O. No 700 of 8th April 1861
Communications							
Road from Trichinopoly to Tanjore via Jo. wiggady	2275	2275				2275	G.O No 2952 of 9th December 1862
— Do — Do — via Combaconum	495	1080				1080	Do No 322 of 29th February 1856 and No 2863 280 of 21st November 1862
— Additional to Do —	585						
— Do — Do — via Circarpollium	315	315				315	Do No 322 of 29th February 1856
Road between Trichinopoly & Cullagady 18 miles at 120 Rs per mile	2160	2160				2160	Do No 35 of 6th January 1864
Road from Trichinopoly to Vyalore	180	180				180	Do No 322 of 29th February 1856
— Do — Do — to Pudicottah	400	400				400	Do — Do —
— Do — Do — to Salem frontier via Jorriore 11 miles	1100	1100				1100	Do No 19 of 5th January 1864
— Do from Trichinopoly to Sindigal for the 1st 17 miles in Trichinopoly Taluq at 100 Rs per mile	1700	1700				1700	Do No 1036 of 4th June 1861
Further grant to the Road from Trichinopoly to the Salem frontier via Jorriore for the 2nd Range as far as Jorriore	1100		1100			1100	Do No 1477 of 20th May 1864
Road from Jeyamcondaporam to Colamanikum	180			180		180	Do No 322 of 29th February 1856
	10490	9210	1100	180		10490	
Repairs to Unmetallled Roads	950	450	200	200	100	950	× G.O. No 390 of 22nd Oct 1863 & No 93 of 10th January 58 * — Do — 1477 of 20th May 1864

Supdg Engrs Office 6th Div
Tanjore 5th December 1865

H. F. Innes Captain R.E.
Supdg Engineer 6th Div

6th Division

Louisiana Levee District

From:

The Supt. Engineer
6th Do

To: The Secretary of State
D.P.W.

Dated 5th
6th } December 1865

No 820/46

Subject Report

Detailed Estimate for
Repairs for 1866-67 -

6th Division

Trichinopoly District

Part II Detail of Minor New Works for 1866/67.

Classification	Executive Division or District	No.	Locality	Project Description	Amount of Estimate	Omitted from Estimates 30th April 1866	Estimates 1866/67 Amount	Estimates 1866/67 Total	Remarks or References
				Minor New Works and Improvements					
Military							4000	4,000	
Civil Buildings							500	500	
Agricultural							5000	5,000	
Communications							500	500	
								10,000	

Asst Engrs Office N. Div.
Tanjore 5th December 1865

H. E. Baker Captain R.E.
Asst Engineer 6th Div.

6th Division.

Trichinopoly District

From

The Supt. Engineer

6th Do.

To,

The Secretary to Govt.

P. W. D.

Dated 5th

Recd. 3 December 1865

No 920 /66

Part II Budget

Details of Mission

New Works for 1866/67.

6th Division Sanjuan District

Sanitary Works

Details of Minor New Works for 1866-67

Classification	Executive Division or District	Nos. & Locality	Project Description	Amount of Estimate computed to 30th April 1866	Estimated 1866-67 Amount total	Remarks or references
Minor New Works & Improvements						
Civil Buildings					2,000	2,000
Agricultural					7,000	7,000
Communications					500	500
					9,500	

Supt. Engr's Office 6th Div.
Sanjuan 5th December 1865.

N. F. Macleod Captain R.E.
Supt. Engineer 6th Div.

6th Division

Tanjore District

From

The Supg Engineer

6th Do

To,

The Secretary to Govt

P. W. D.

Dated 5th December 1865

Recd 8

No. 320 166

Part II Budget

Details of Mission

Work for

1866/67.

6th Division.

Trichinopoly District.

Part II. Budget.

Detail of Estimates for Original works for 1866/67.

Projects.

Executive Division.	№	Locality.	Description.	Amount of Estimates	Corrected Estimate 1865/66	Estimate 1866/67.	Remarks or References. (The particulars as to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by Government of India, the Rejister № should be quoted.)
			Military.				
№ 1 Range	1	Trichinopoly	Removing the Artillery & Cookay Lascharies				
—do—	2	—do—	Constructing Apothecary's Quarters for the 25th Regiment N.I. at Trichinopoly				
—do—	3	—do—	Constructing Stables for 112 Horses in 2 Blocks for the Battery of Artillery at Trichinopoly				
—do—	4	—do—	Constructing Solitary Cells for the Battery of Artillery at Trichinopoly				
			Total Military				
			Civil Buildings.				
—do—	5	—do—	Additions to the Collectors Cutchery for an office for the Cantonment Joint Magistrate				
—do—	6	—do—	Constructing a Taluq Cutchery & Subsidiary Jail at Trichinopoly				
			Total Civil Buildings				

Estimate Called for by the Major General
4,600 " 4,600 Comp the d^d forwarded on the 25th September 1865.
3800 —do— —do— d^o forwarded to the D.J
3,800 dated 2d Nov^r General on the 1st November/65.

Estimate Called for in G.O. № 2359 dated 14th
August 1865, & submitted with Letter № 1149.
16800 Rejected 16800 dated 11th October 1865.
4300 Cancelled
1351 D 22 11 35 16 3723

Estimate called for by the Major General
3000 X 3000 Comp the d^d forwarded on the 20th September 1865.
X Changes were required by the Commander
in Chief in the Plan submitted - they are
under Consideration -
28200

Estimate called for in G.O. № 2250 of 4th
August 65 & forwarded to the Collector
2650 2,650 on the 10th November 1865.

Sanctioned for Entry in Budget in G.O.
10650 10,650 № 3814 dated 23rd December 1863 - and
revised Estimate forwarded to the Collector
with Letter dated 5th October 1864, for sub-
13300 - mission to Government -

Executive Division No	Locality	Project or Description	Amount of Estimate	Amount to be Contributed from Imperial Funds to 30th April 1866/67	Remarks or References. (The particulars as to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by Government of India, the Register No. should be quoted).
		Agricultural.			
No 1 Range 7	Srikinsoply	Constructing Surplus Sluices for the Wyacondan Channel	16500	16500	Estimate forwarded to the Collector for submission to Government through the Revenue Board on the 4th November 1865.
do 8	do	Constructing 7 Surplus Sluices on the North bank of Coleroon in No 1 Range	8410	8410	Submitted to Government with Letter No 1477, dated 28th November 1865.
No 3 do	9 Woodiarpolium	do do do do in No 3 Range	3970	3970	do do do do
No 1 do	10 Srikinsoply	Completion of the Wyacondan Extension Project	24800	10000	Vide G.O. No 469, dated 15th February 1864.
		Total Agricultural		38,858	
		Communication.			
No 1 do	11 Srikinsoply	Metalling 8 miles of the South-ern Trunk Road from Srikinsoply to Madura	7960	7960	Sanctioned for Entry in Budget of 1864/65, in G.O. No 3127 dated 27th October 1863.
No 1 & 4 Ranges & Coolitalley	12 Srikinsoply	Metalling Road from Srikinsoply to Coiroor	28000	14000	Directed to be entered in Budget of 1866/67 in G.O. No 2550 dated 1st September 1865.
No 2 do	13 Mussery	Metalling & gravelling 28 miles of the Road from Srikinsoply to Salem	15800	7800	Sanctioned in G.O. No 1092 dated 16th April 1864.
No 1 Range 14	Srikinsoply	Constructing a Road from the Vennaar Bridge to the Tiruvaroem-boor Railway Station	24820		Authorized to be entered in Budget of 1864/65.
No 1 & 3 do	15 Srikinsoply & Woodiarpolium	Road from Srikinsoply to Arcadu & Woodiarpolium to its junction with Trunk Road No 9	24528	10000	in G.O. No 2879 dated 31st October 1863.
		Carried over	43600	25098 + 18502	Work hitherto carried out from Income Tax & Imperial Funds. + amount expended upto 31st April 1865.
				58,262	

Projects.

Executive Division	No	Locality	Description	Amount of Estimate	Expenditure to 31st March 1866	Estimate 1866/67	Remarks or Reference (The particulars as to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by Government of India, the Register No should be quoted)
			Brought down			58,262	
✓	No 3	Range 16 Wodiapolim	Constructing a Road from Lower Amineetoo Trunk Road No 9 to Wodiapolim	10420		5000	Sanctioned in G.O. No 133 dated 15th January 1864. & included in the Income Tax fund Budget of 1865/66, but no Expenditure has been sanctioned.
✓	No 1 & 2	do 17 Trichinopoly & Suriery	Constructing a Road from Trichinopoly to the Salem boundary via Soriem	50,000	33453	16547	Recommended that Rs 10,000 should be appropriated for this Road from Local funds in 65/66, have heard nothing further regarding it. + Amount expended upto 30th April 65.
✓	No 1	do 18 Trichinopoly	Metalling a portion of the Road from Trichinopoly to Dindigul from 4th to 17th Mile Stone	9500		9500	Sanctioned for Entry in Budget of 64/65, in G.O. No 3823, dated 24th December 1863.
✓	No 4	do 19 Coolitalay	Bridge over the Aryaur River on the Road from Trichinopoly to Dindigul in the limits of Chittanathum	21000		10000	Estimate submitted to the Deputy Chief Engineer by the Late District Engineer with Letter No 1427, dated 14th November 1862.
✓	No 1	do 20 Trichinopoly	Bridge over the Nundyaur River on the Road from Trichinopoly to Dindigul	25000		10000	Sanctioned in G.O. No 524 of the 22 February 1864. & included in the Income Tax Fund Budget of 1864/65, but no Expenditure has been sanctioned.
✓	No 2	do 21 Musiry	Constructing a Road from Musiry to Cumaraon & Soriem	43000		10000	Estimates called for in G.O. 2460 dated 26th August 1864, but as they are not yet ready, approximate amounts have been entered.
✓	No 4	do 22 Coolitalay	do do do from Coolitalay to Manapparah	26460		10000	
✓	No 2	do 23 Mooseiry	do a Road from Kunttoopottum to Valyapatty	17000		7000	
✓	No 2 & 4	do 24 Musiry & Coolitalay	Constructing a Road from Vittoonthy to Lottum	2600		2600	
✓	No 1	do 25 Trichinopoly	Dismantling the walls of the Fortification at Trichinopoly & converting the site into a Circular Road	27600		5000	Sanctioned for Entry in the Budget of 1864/65, in G.O. No 3100 dated 24th October 1863. This is being carried by the Collector with the aid of the Prisoners.
			Total Communication			143909	

Abstract of the Grants proposed for all Original Works to be discharged by Public Works Department.

Main Heads.	Imperial.	Local.	Total.
Military	28,200		28,200
Civil Buildings	13,300		13,300
Agricultural	38,880		38,880
Communications	143909		143909
Total as per Pages (263)	224289		224289

Supdt Engr's Office 6th Div.
Lahore 5th December 1865.

N.B. The works under the respective heads are entered in the order of their importance.

J. F. Lacket Captain R.E.
Superintending Engineer 6th Div.

Trichinopoly District.

List of Minor Works below Rs. 2,500 each recommended for execution in 1866/67.

Description of Works.	Amount of Estimate	Remarks.
Military.		
For sinking 3 wells in the ground selected for Cholera Camp at Trichinopoly	2,250.	Estimate called for by the Major General Comg. the Dn. & forwarded on the 1st November 1865.
Constructing a New Privy for the Hospital of the 23d Regiment N.I. at Trichinopoly	2,200	Do-Do. & forwarded on the 20th September 1865.
Constructing an Association Room & Wash House for the Battery of Artillery at Trichinopoly	1,850	Do-Do-Do on Do.
Raising the walls & putting up Ridge Ventilators to the Roof of the Surgery Office, & Artillery Hospital Sergeants Quarters in the European Hospital	1,100	Do Do, and submitted on the 24th July 1865.
Civil Buildings.		
Constructing a Second Class Sub-Magistrates Office, and Police Station at Porigum	2,300	Estimates forwarded to the Collector as per G.O. No. 2156 dated 28th July 1865.
Do-Do-Do-at Rajamundry	2,300	

Supt. Engr's Office 6th Div.
Tanjore 5th December 1865.

H. F. Baker Captain R.E.
Supt. Engineer 6th Div.

6" Division
Trichinopoly District

From,

The Supt Engineer
6" Divisn

To,

The Secretary to
Government
of Madras

Dated 5th
Received 5 December
/65

No 620/66
Fort St George 1st Feby 66 Ld 55-

Part II. Budget

Detail of Estimate
Original
for Repairs for
1866-67.

Coimbatore District

Part

Details of Estimate for

Project

Executive Division &c	Locality	Description	Amount of Estimate &c	Computed Expenditure Estimate	Remarks or References
		Military			
Nilgherry Range	Wellington	Introduction of Iluffi Cooking Ranges into the Kitchens of the Barracks &c Wellington	5112	5112	Estimate sent to Dy. Asstt. Qr. Mr. Genl. on the 17th June 1865
Do	Do	Quarters for 3 Apothecaries & 20 Hospitals	28,000	28,000	Estimate ready. Called for in G.O. No. 3249 of 14th Nov. 64
Do	Do	Constructing Military Prison	44,050	20,000	Estimate sent to Govt. with letter No. 322 of 22nd April 1865
Do	Do	Sheds for Commissariat Carts and Bullocks	4,000	4,000	Estimate & Plan in hands. Old Buildings pro rata
Do	Ootacamund	Lawrence Asylum	962,770	278,319	150,000 Budget item No. 18 of 1865-66. Plans and Estimates submitted with letter No. 162 of 2nd October 1865 —
			1,040,12		C.W. Dept. dtd 13/11/65 - Rec. 3479 -

Grant for Minor works the Estimated cost of which does not exceed Rs. 2500 each — 6,500

10,31,932	✓	✓ 1,81,612
10,11,932	278,319	

Total Military

Civil Buildings

Range						
Coimbatore	Coimbatore	New Talook Cutcherry	46,400	10,400	4,000	Estimate sanctioned in G.O. No. 70 of 18th January 1864 but under revision vide G.O. No. 2826 of 23d September 1865.
Caroor	Kanghiem	Sub Collector's Cutcherry	8,400	2,400	2,000	Estimate sanctioned in G.O. No. 2790 of 21st September 1865.
Nulghurry	Coimbatore	Court House	44,820		5761	Estimate sanctioned in G.O. No. 1396 of 13th May 1864 Item No. 52 of Budget of 1865-66.
Coimbatore	Coimbatore	Constructing New Central Jail	25,7000	20,7000	50,000	Estimate sanctioned in G.O. No. 2806 of 21st November 1862 Budget Item No. 56 of 1865-66. Vide also G.O. No. 1690 of 14th June 1865. In this order the Collector the revised estimate is referred.
Pollachy	Pollachy	Talook Cutcherry	10,000	"	10,000	
Ditto	Ootacamund	Ditto	10,000	"	10,000	Estimates called for in G.O. No. 3184 of 4th Nov. 1864. Standard Plans and Estimates the same as that sanctioned for Coimbatore.
Caroor	Dharapooram	Ditto	10,000	"	10,000	
Errode	Perindoray	Ditto	10,000	"	10,000	
Nulghurry	Ootacamund	Providing Quarters for 1 Apothecary and 3 Khepers				Called for in G.O. No. 3269 of 14th November 1864.
Ditto	Kotagherry	Ditto for 1 Apothecary				Ditto Ditto
Ditto	Ootacamund	Enlarging St. Stephen's Church				Estimate called for in G.O. No. 2897 of 29th September 1865.
Ditto	Coonoor	Sub Magistrate's Office &c.				Estimate sanctioned in G.O. No. 1846 of 24th June 1864.
Ditto	Ootacamund	Jailer's Cottage				Estimate sanctioned in G.O. No. 1736 of 15th June 1864.
Ditto	Ditto	Civil Jail				Estimate sanctioned in G.O. No. 389 of 10th February 1865.
Ditto	Ditto	Alterations and additions to the Zillah Jail including Debtors Jail				Estimate will be prepared on receipt of Orders on the Committee's Report.

Carried over

Civil Buildings.

		Brought over		465573	258859	186713
		Continued		448000	253850	194150
Mulghery	Coimbatore	Hospital and Dispensary		21050	"	10525	~~Estimate for the Office cost of Jany 65~~ The Grant is issued in Rs 10-Guard
Coimbatore	Coimbatore	New Post Office		3200	"	3200	Estimate and Plan sent to the Post Master General on the 1st September 1865.
		Police Stations				
		Police Huts		10,000	"	10,000
		Grant for Minor works the estimated cost of which does not exceed Rs 2,500 each				12,000
		Total Civil Buildings		499822	258859	222438

Range

Agricultural

Collegal	Jaffna Canal	Permanent Masonry Sluices in Thadapully Channel	58318	48981	9337	Estimate sanctioned in G.O. No. 1959 of 1st July 1864 and 185 of 1st January 1865. Budget Item No. 76 of 1865-66.
Do	105	Do Do Do Arkencotta Channel	20067	17023	3044	Do Do Item No. 76 of ditto
Do	92	Head Sluice for Arkencotta Channel	6500	5000	1500	Estimate sanctioned in G.O. No. 3398 of 28th November 1864.
Caravar	88	129 Distributing Sluices to irrigate Channels in Caravar Taluk	5650	2112	3538	Revised Estimate sanctioned in G.O. No. 2118 of 22nd July 1865.
			6642	3112	3530	Budget Item No. 77 of 1865-66.
Do	110	Do Do in Kharaporam Taluk	5358	1880	3478	Estimate sanctioned in G.O. No. 2118 of 22nd July 1865
Collegal	92	Aqueduck over Vanganary Stream	14930	"	9930	Projects approved of in G.O. No. 3668 of 11th Dec. 1865 Funds for these works are urgently solicited. — Govt.
Do	101	Do Vampottoo Stream	24700	"	14700	
Pollachy	9	Masonry Sluices for Ahtoor, Arreaporam and Sub. Pullangal Channels	7975	"	7975	Estimate submitted to Collector on 28th July 1865.
		Grant for Minor works the Estimated cost of which does not exceed Rs. 2,500 each.			10,000	
		Total Agricultural	144,520	76,026	63,494	

Range		Communications				
Mettupalayam		Coonoor Ghaut New Trace	169000	129,330	140,000	Estimate sanctioned in G.O. No. 2735 of 16th September 1865. Budget Item No. 102 of 1865-66.
Do.		New Goodalore Ghaut	97,000	78,760	22,000	Plans and Estimates ready to be sent in.
Do.		New Road connecting Kotagherry and Willington with the New Coonoor Ghaut		3,500	5000	The Trace and Survey completed. Estimate in hand
Do.		New Road from Ootacamund to the Head of Goodalore Ghaut	Do.	"	16000	Trace completed. Survey and Estimate in hand
Erode		Burghoor Ghaut New Trace	80000	24,591	20,000	Authorized in G.O. No. 2813 of 28th Sept. 1863. 2202 of 12th Aug. 1864. Estimate under preparation. Budget of 1865-66. No. 103.
Erode	Erode	Vodai Bridge	8500	"	8500	Estimate sanctioned in G.O. No. 1811 of 29th June 1865.
Collegal		Rebuilding 2 Bridges and improving the Road above Hasanoor Ghaut	11,435	"	11,435	Estimate approved of in G.O. No. 3585 of 5th Dec. 1863. Funds for this work are urgently solicited
Pollachy		Improvements on Road from Coimbatore Railway Station to the Madura Frontier at Amaravathy River	40000	"	22170	Estimate sanctioned in G.O. No. 3405 of 28th Nov. 1864.
Do.		Completing Road from Pollachy to Annamallay Hills for Tea Planters &c.	21640	"	10640	Estimate sanctioned in G.O. No. 3232 of 11th Nov. 1864.
Coimbatore		Road from Chinnakarapooram to Arvacoorchy	17,457	"	17,457	Called for in G.O. No. 771 of 20th March 1865.
Do.		Bridge over Nullatungavady Stream on the Road from Coroor Wodeyar Mudpettah and Pollachy to Dharapooram	9496	"	9496	Plan and Estimate in hand.
		Carried over	46,528	136,181	173,494	

Range		Brought over		46,528.	136,181	173,698	
		Communications continued					
Coimbatore	Pattapollium	2 Additional Arches to Pattapollium Bridge		8,000	-	8,000	Estimate sanctioned for entry in Budget of 1866-67 in G.O. No. 1845 of 1st July 1865
Neilgherry	Burliar	Bungalow on Coonoor Ghaut		4800	866. Sanct. 23/9/63 No 2765 57 " 18/11/63 No 3363 1427	2863	
				4950	1,464	3,486	Sanctioned in G.O. No. 98 of 15th January No 2765 of 23rd Sept. & No 3363 of 18th November 1863.
		Grant for Minor works the Estimated Cost of which does not Exceed Rs 2,500 each		-	-	3,000	
		Total Communications		474,478.	137,645.	188184.	
		Miscellaneous Public Improvement					
No	Potacamund	Channel to bring down Water from Snow Down Hill towards the Church Hill, Jail Hill, & Bazaars at Potacamund		5100 Estimated	-	5100	Submitted with District Engineer's Letter No 649 of 11th March 1864. Item No 34 of Superintending Engineer's Budget List of 1864-65.
No	No	Drainage of Potacamund Bazaars		5000	-	5000	No 35 of do do Vide Major Jervell's report on the storm of 23 October 1865. Gaun
		Grant for Minor works the Estimated Cost of which does not Exceed Rs 2,500 each		-	-	2000	Estimate sanctioned in G.O. No 649 of 4th March 64 and 1934 of 4th July 1864.
		Total Miscellaneous		10,100	-	12,100	

Abstract of the Grants proposed for all Original Works to be Disbursed by Public Works Department

Plan head

Military	181612	
Civil Buildings	212641 / 222438	
Agricultural	63494	
Communication	108484	
Miscellaneous Public Improvement	12100	
Total	690351 "	690351

Supt Engineers Office
1st Division
Maulmain 22nd Nov. 1865

C. Winchester Lieut Col. &c
Superintending Engr 1st Div.

Memorandum shewing details of all Maintenance Grants of Roads &c. entered in Part III of Budget of 1866-67. Required in Para: 6 of G.O. No. 2919 of 4th October 1865.

Details of Works	Allotment for I Canara Range	II Coimbatore Range	III Salem Range	IV North Wynaad Range	V South Wynaad Range	"	Total Imperial	Total Local	Total Both	Remarks or References
Repairs										
Communications										
Annual Repairs to Trunk Road No. 4 from Canara-more to Coorg frontier 34 miles @ Rs. 110 per mile	3740	"	"	"	"	"	3740	"	3740	G.O. No. 3319 of 14th Nov. 1863
Do. to Trunk Road No. 5 from Mallur by Calghat to Ponany 71 miles @ Rs. 110 per mile	"	"	7810	"	"	"	7810	"	7810	G.O. No. 3319 of 14th Nov. 1863
Do. to road from Tambracherry Ghaut to Mysore frontier 40 miles @ Rs. 110 per mile	"	"	"	1760	1540	"	4400 3300	"	4400 3300	G.O. No. 2996 of 18th Oct. 1866 vide Letter No. of 22nd Nov. 1866 No. 4/12
Do. to road from Manantoddy to foot of Coolriaddy Ghaut 25 miles @ Rs. 110 per mile	"	990	"	1760	"	"	2750	"	2750	Do. Do.
Do. to road from Canamore to Mysore frontier by Periah Pass to Manantoddy 65 miles @ Rs. 110 per mile	3520	"	"	3630	"	"	7150	"	7150	G.O. No. 3319 of 14th Nov. 1863

From D.P.W. Calicut Circuit
To 1st Oct. 1866. Despatch
Dated 22nd November 1865.
Rec'd 30th January 1866
G.S.C.
Bill of Estimate for
Annual Works for 1866.

No. 56

No. 105 of 1866 - Let 5th day 1866

Repairs - Communication Contd										
Brought forward	7260	990	7810	7150	1540	"	24750	"	24750	
Annual repairs to road from Manantoddy to Goodalore by Sultans Battery 54 miles @ Rs 110 per mile	"	"	"	2640	3300	"	5940	"	5940	G.O. No 3319 of 14th Nov 1863
Do to road from Manantoddy to Calicut by Tamarracherry Ghaut 60 miles @ Rs 110 per mile	"	2970	"	3630	"	"	6600	"	6600	Do Do
Do to Road from Mysore frontier at Tippacadoo by Kariur Ghaut to Areakode 60 miles @ Rs 110 per mile	"	3190	"	"	3410	"	6600	"	6600	Do Do
Do to road from Calicut to Palghaut by Malliapoorum Manar, and Manaloor 80 miles @ Rs 110 per mile	"	3335	5245	"	"	"	8800	"	8800	Do Do
Do to coast road from Beypoor to Baliapatam 70 miles @ Rs 110 per mile	3740	3960	"	"	"	"	7700	"	7700	G.O. No 1232 of 6th May 1865
Do to Canal from Ponany to Cochin 66 miles @ Rs 100 per mile	"	"	6600	"	"	"	6600	"	6600	Vide Supdg Engr's letter Dated 16th Oct 64
Below 25.0 each										
Annual repairs to road from Muttanoor on Trichl Road Vyna Coolaparamba to Tellicherry 6 miles @ Rs 110 per mile	1760	"	"	"	"	"	1760	"	1760	G.O. No 3520 of 12th Dec 64
Do to road from Cheddawanah to Malliapooram 16 miles @ Rs 110 per mile	"	1760	"	"	"	"	1760	"	1760	G.O. No 36 of 9th Jany 1865
Do to road from Areakode to Comalotty 10 miles @ Rs 110 per mile	"	1100	"	"	"	"	1100	"	1100	Do Do
Do to Palghat Railway feeder 4 miles @ Rs 110 per mile	"	"	440	"	"	"	440	"	440	G.O. No 3319 of 14th Nov 1863
Do to Railway feeders from Tirurangady to Perinthalmanna 4 miles @ Rs 110 per mile	"	440	"	"	"	"	440	"	440	G.O. No 1230 of 6th May 1865
Do to Do from Angadipuram to Puttambi 15 miles @ Rs 110 per mile	"	"	1650	"	"	"	1650	"	1650	Do Do
Do to Do from Kutnad to Puttambi 8 miles @ Rs 110 per mile	"	"	880	"	"	"	880	"	880	Do Do
Do to Do from Cherpulcherri to Wattapolam 11 miles @ Rs 110 per mile	"	"	1210	"	"	"	1210	"	1210	Do Do
Do to road from Panamaram to Kulpetty 10 miles @ Rs 110 per mile	"	"	"	1100	"	"	1100	"	1100	G.O. No 1806 of 29th June 1865
Do to road from Tanoor to Tanoor Railway Station 2 miles @ Rs 110 per mile	"	220	"	"	"	"	220	"	220	Do Do
Do to road from Ponany to Tirur Station 10 miles @ Rs 110 per mile	"	"	1100	"	"	"	1100	"	1100	Do Do
Do to Sultans Canal	300	"	"	"	"	"	300	"	300	G.O. No — of 3rd May 41.
Do to road from Malliapooram to Tirur Railway Station 16 miles @ Rs 110 per mile	"	1760	"	"	"	"	1760	"	1760	G.O. No 3462 of 3rd Dec 1864
Carried forward	13060	19745	25135	14520	8250	"	80710	"	80710	

Brought forward	13060	19745	25135	14520	8250	-	80710	-	80710	
Discretionary Allowance	-	-	-	-	-	-	1500	-	1500	£0 Rs 3267/15 4 Rs 180
Total Communications	13060	19745	25135	14520	8250	-	82210	-	82210	

Superintending Engineer's Office
3rd Division
Manantoddy, 22nd Nov. 1865

Superintending Engineer 3rd Div.

Memorandum showing details of all Permanent Grants of Lands &c. entered in Part III of Budget of 1866-67 Required in place of Form No. 2919 of 14th October 1865.

Dated 22nd Nov. 1865.

From

The Deputy Inspector Genl. of Fortifications

To

The Secy. to Govt. B.P.W.

Sir,

I have the honor to forward herewith for your information and guidance the accompanying Statement of Grants of Land &c. entered in Part III of the Budget Estimate for 1866-67 for the Malabar District.

I have the honor to be
Sir
Your most obedient Servant
(Signed) [illegible]
Deputy Inspector General of Fortifications

Part III

Detail of Estimate for Repairs for 1866.67.

Items	Estimate 1866-67 Amt.	Estimate 1866-67 Total	Estimate 1865-66 Amt.	Estimate 1865-66 Total
Military				
Malabar District Cannanore Military Buildings	8000			
Cantonment Roads at Cannanore	1000			
Special unforeseen Repairs	900	9900		
Calicut Military Buildings	3200			
Special unforeseen Repairs	393	3593		
Total Military	"	13493	"	13493
Civil Buildings				
Malabar District Cannanore Minor Repairs not exceeding Rs 2500 each	1000			
Special unforeseen Repairs	50	1050		
Calicut Minor Repairs as above	1050			
Palghaut do do	1050			
North Wynad do do	1050			
South Wynad do do	1050	4200		
Total Civil Buildings	"	5250	"	5250

Agricultural

Malabar District	Minor repairs not exceeding Rs 2500 each	1000	
	Maintenance of Dams	300	
	Special unforeseen Repairs	50	1350
	Total Agricultural		1350

Communications

Malabar District	Annual repairs to Trunk Road No 4 from Cannanore to Coorg frontier 34 miles at Rs 110 per mile	3740	3740
	Do to Trunk Road No 5 from Wallur by Palghaut to Ponany 71 miles at Rs 110 per mile	7810	7810
	Do to road from Tambracherry Ghaut to Mysore frontier 30 miles at Rs 110 per mile	3300	3300
	Do to road from Manantoddy to foot of Coteaddy Ghaut 25 miles at Rs 110 per mile	2750	2750
	Do to road from Cannanore to Mysore frontier by Periah Pass to Manantoddy 64 miles at Rs 110 per mile	7150	7150
	Carried over	25750 24750	24750

	Brought over	24750	24750
Communications cont'd			
Malabar District cont'd	Annual repairs to road from Manantoddy to Goodaloor by Sultans Battery 54 miles at Rs 110 per mile	5940	5940
	Do to road from Manantoddy to Calicut by Tambracherry Ghaut 60 miles at Rs 110 per mile	6600	6600
	Do to road from Mysore frontier at Tippacadoo by Karkur Ghaut to Arreatode 60 miles at Rs 110 per mile	6600	6600
	Do to road from Calicut to Palghaut by Challiapooram, Ellamar and Emidoor 80 miles at Rs 110 per mile	8800	8800
	Do to coast road from Beypoor to Baliapatam 70 miles at Rs 110 per mile	7700	7700
	Do to Canal from Cananore to Cochin 66 miles at Rs 100 per mile	6600	
	Carried over	66990	66390

Brought over	66995		60,390	
Communications (Contd.)				
Malabar District (Contd.) Annual Repairs to Roads &c. under Rs. 2500 each	13720		7120	
Extraordinary Allowance	1500		1500	
Total Communications	"	83310 82,210	"	69010
Miscellaneous Public Improvements				
Malabar District Communications. Minor repairs not exceeding Rs. 2500 each	100	100		
Calicut. Minor repairs not exceeding Rs. 2,500 each	300			
Special improvements repairs	60	360		
Palghaut. Minor repairs not exceeding Rs. 2500 each	140	140		
Total Miscellaneous Pub. Improvements	"	600	"	600

Abstract of the Grants proposed for all Repairs to be discharged by Public Work Department

Main heads	Imperial	Local	Total
Military	13,493		
Civil Buildings	5,250		
Agricultural	1,350		
Communications	82,210		
Miscellaneous Public Improvements	600		
Total	102,903	"	102,903

Superintending Engineer's Office
3rd Division
Manantoddy, 22nd Nov. 1865

Assistant Lieut. Col. R.E.
Supt. Engineer 3rd Div.

R.P.

Annl. Report 1866-67

Part III

Detail of Estimate for Repairs 1866-67

	Estimate 1866-67		Estimate 1865-66	
	Amount Total	Amount Total		
Military				
Romana District				
Bungalow. Military Buildings	1200	1200		
Outhouse Repairs	120	120		
	1320	1320	1320	1320
Total Military				
Civil Buildings				
Trichinopoly District				
Bungalow. Minor Repairs not exceeding Rs. 2,500 each	2800			
Combaconum Do	1500			
Coimbatore Do	1500		3800	
		5800		3800
Total Civil Buildings		5800		3800

Ex. Dy. C.E.W. Malabar District

From

The Supt. Engineer
for Do

To

The Secy. to Govt.
P.W.D.

No. 921 166

Dated 22nd November 1865.
Rec.d

Detail of Estimate for
Repairs for 1866-67

Communications

South Canara District

Annual Repairs to Road from Mangalore to Harihal portion of the Military road from Mangalore to Hurry-hur leaving the Agoomby Ghaut 32 miles @ Rs. 110 per mile — 3520 — 3520

Do. to Military road to connect Mangalore with Carnanore leaving Ishmk Road No. II near Canimanga-loor by Villa to head of river and Canal communication near Mos-drong 48 miles @ Rs. 110 per mile — 5280 — 5280

Do. to Cooloor Road circuit comprising the Coolor Ghaut its feeder and branches 62 miles @ Rs. 110 per mile — 6820 — 6820

Do. to Kulladee road Circuit Comprising the road diverging from the foot of Agoomby Ghaut with three branches 88 miles @ Rs. 110 per mile — 9680 — 9680

Do. to Ishmk road No. 3 and continuation from Hiaany, on Ishmk Road No. II to the foot of the Hunzerabad Ghaut 40 miles at Rs. 110 per mile — 4400 — 4400

Carried forward — 29700 — 29700

Brought forward — 29700 — 29700

Communications cont.

South Canara District

Annual Repairs to road from Bantwalb to Charmady Ghaut on Mysore frontier 42 miles @ Rs. 110 per mile — 4620 — 4620

Do. to Ishmk road No. II from Mangalore to foot of Mercara Ghaut 66 miles @ Rs. 110 per mile — 7260 — 7260

Do. to Boats. Jungars and sheds over the same — 200 — 200

Special unforseen repairs — 20. — 20.

Total Communications — 41800 — 41800

Miscellaneous Public Improvement

South Canara District

Mangalore.

Annual repairs to Mangalore Streets — 300

Do. Do. to Light-houses — 25. — 325. — 325.

Total Miscellaneous Pub: Improvement — 325. — 325.

Abstract of the Grants proposed for all Repairs to be disbursed by Public Works Department.

Main head	Imperial	Local	Total
Military	1320		
Civil Buildings	5800		
Agricultural			
Communications	41800		
Miscellaneous Public Improvement	325		
Total	49245	"	49245

Supt Engineer's Office
for Division
Mauritius 22nd Nov. 1865

Chandler Lieutt Colonel R.E.
Supt Engineer for Div.

South Canara District y.r &c. 1866

4

From

The Supt Engineer
y.r &c.

To

The Secretary to Govt
P.W.D.

Dated 22nd Nov 1865.
Rec.d

No 821/166

Detail of Estimate for
Repairs 1866-67

South Canara. District

Division D. P. W.

Part I

Detail of Estimate for Original Works for 1866. 67.

Executive Division	Project No.	Locality	Description	Amount of Estimate	Expenditure to 30 April 1866	Estimate 1866-67	Remarks or References
			I. Military.				
			Required for Minor Works the Estimate Cost of which does not exceed 2500 Rs each	"	"	2,500	
			Total Military				
			II Civil Buildings.				
	Mangalore Range	Mangalore	Post Masters House at Mangalore	1,800	"	1,800	Plan and Estimate forwarded to the Post Master General with letter No. 127 of 17th October 1865.
	Do	Do	Reconstructing the Roof of the Civil Court at Mangalore	6,600	"	6,600	Estimate approved in G. O. No. 2910 of 3d October 1865.
			Police Stations				
			Police Huts			7,500	
			Required for Minor Works the Estimate Cost of which does not exceed 2500 Rs each			4,500	
			Total Civil Buildings	8,400		20,400	

IV Communications.

Mc	Manaclac Range		Bridge Work on the Road to Connect Ma... lore and Cannanore by Vellia & Hosp...			
dishure	do.		Earth work on — do. — do.			
	Poolloor Range.	Charmady & Chibbedree	Charmady and Chibbedree bridge on Ch... mady Road.			
	do.	Poonjulcutta Gorroyankaray & Ulpra	Poonjulcutta, Goorooyankaray, an... Ulpra bridges.			
Mal	do.		Minor Bridges and Drains on — R...			
Civil						
Agri	do.		Minor Bridges on the Road below the Munjerabad Ghaut.			
Com						
	do.	Upmanagy	Travellers Bungalow Upmanagy			
Misc						
	do.	Golitatoo	do do do Golatatoo.			

Required for Minor — Works, the Estimated cost of which does not exceed Rup... 1500 Each

Sup

Mas

Total Communications

	4602	7500 - 0 - 0			Works ordered, but the work ordered to be proceeded with - Postponed.
48,500	15,000	23500.			Nos. 127 and 128 of 1865/66 — Revised Estimate submitted with Letter No. 170 of 6th June 1865
-	3462 / 31245	4707			
79640	34,660.	4,980.			Items of Budget of 1865/66. Items marked [illegible]
4,200	"	4,200	✓		Estimate Sanctioned in G. O. No. 1886 of 9th June 1864.
6,055	"	6,055	✓		Estimate Sanctioned in G. O. No. 26 of 6th January 1865.
9,245	"	9,245			Ordered to be brought forward in G. O. No. 26 of 6th January 1865.
14,400	"	14,400	✓		Estimate Sanctioned in G. O. No. 3604 of 28th November 1864.
2,840	-	2,840			
			2		Revised Estimate approved in G. O. No. 3417 of 29th November 1864.
2,840	-	2,840			The abstract [illegible] taken [illegible]
		5,000			
167,720	49,660	73,060.			

Abstract of the Grants proposed for all Original Works to be discharged by Public Works Department.—

Main heads	Imperial	Local	Total
Military	2,500		
Civil Buildings	20,400		
Agricultural	"		
Communications	73,060		
Miscellaneous Pub: Impts	"		
Total	95,960	"	95,960.

Supt Engrs office 7th
Manantoddy 23d November 1865

Lt Col: RE
Superintending Engineer 7th

Coimbatore District 4th Cy

Part III

Detail of Estimate for Repairs 1866-67

	Estt. 1866-67		Estt. 1865-66	
	Amt.	Total	Amt.	Total
Military				
Coimbatore District				
Wellington – Military Buildings	6,026	..	6,026	.
Watercourses No. 1. 3. 4. 5. 6 & 8 No. 2408 of 21st December 1861	216	..	216	.
Bazaar watercourses Do. Do.	72	.	72	.
Special Repairs	900	7214	900	7214
Coimbatore – Minor Repairs not exceeding Rs. 2500	.	389	.	389
Total Military	.	7603	.	7603
Civil Buildings				
Cotacamund & Coonoor – Minor Repairs not exceeding Rs. 2500 each	..	1,400	..	
Coimbatore – Minor Repairs not exceeding Rs. 2500 each	..	1,400	..	
Pollachee – Do. Do. Do.	..	700	.	
Perrode – Do. Do. Do.	..	700	.	
Pollegal – Do. Do. Do.	..	700	.	
Caroor – Do. Do. Do.	..	700	..	
Total Civil Buildings	..	5600	.	5600

No specific allotment was made for each Station last year.

From
The Supt. Engineer
S. C.
To the Secretary to Govt.
P.W.D. Madras.

Dated 22nd November 1865
Rec'd 24th ditto

Part II

Detail of Estimate for
Original Works for 1866-67

Agricultural

Coimbatore Repairs to Irrigation channels and Tanks	8,000	
Pollachy Do Do	8,000	
Errode Do Do	8,000	
Collegal Do Do	8,000	
Caroor Do Do	8,000	
Maintenance of Gardens and Plantations	1000	
Total Agricultural	41,000	37,221

Communications

Coimbatore District

Annual Repairs to Road from Ootacamund by Sigoor Ghaut to Mysore Frontier at Teppacadoo 26 Miles @ Rs 110 per mile	2,860	2,860
Do to road from Ootacamund by Goodalore Ghaut to Goodalore 30 Miles @ Rs 110 per mile	3,300	3,300
Annual Repairs to Road from Coimbatore by Pulladum to Kangheim 42 miles @ Rs 110 per mile	4,620	4,620
Do to Road from Coimbatore by Pollachee Codamulpetta to Madura Frontier and Amaravathy River 48 miles @ Rs 110 per mile	5,280	5,280
Carried over	16,060	16,060

Brought over	16,060	16,060
Annual Repairs to road from the Mysore Frontier by the Wapanore Ghaut to Sattiamungalum 24 miles @ Rs 110 per mile	2,640	2,640
Do to Road from Sattiamungalum by Gopichelly pollium to Errode Railway Station with Branch from Bhowany Bridge to Chittode 36 miles @ Rs 110 per mile	3,960	3,960
Do to Road from Dharapooram by Chinnadarapooram to Caroor 40 miles @ Rupees 110 per mile	4,400	4,400
Do to Road from Errode Railway Station to Collegal and Mysore Frontier by Bargoor Ghaut 91 Miles @ Rs 110 per mile	10,010	10,010
Do to Road from Ootacammund by Coonoor Ghaut, to Railway Station at Coimbatore 60 miles @ Rs 110 per mile	6,600	6,600
Do to Road from Codamulpetta by Dharapooram to Kangheim 36 Miles @ Rs 110 per mile	3,960	3,960
Do to Caroor Railway Station to foot of Coonoor Ghaut 95 miles @ Rs 110 per mile	10,450	10,450
Trunk Road Rs 5 from Walliar Chutram to Chittode near Bhowany with Somanoor Ootakaly and Capindoray Railway Feeders 85 Miles @ Rs 110 per mile	9,350	9,350
Carried over	67,430	67,430

Brought over	67430		67430
Annual Repairs to Road from Avinashy Railway Station to Odamuthpetta via Palladum and Poreapatty	4400		"
Discretionary Allowance	5000		5000
Minor Repairs below Rs 2,500 each	8100		22860
Total Communications	"	84930	" 93230
Coimbatore District			
Miscellaneous Pub Improvement			
Ootacamund Annual Repairs to Water channel from Snow View Hill to Bazaars Ootacamund G O No 2768 of 15th Septr 1865	250		
Annual Repairs to Connoor Watercourse G O No 2611 of 11th September 1863	150		150
Water Supply	250		250
Market	"		100
Special Unforeseen Repairs	300	950	200 700
Total Mis: Pub: Improvements		950	700

Abstract of the Grant proposed for all Repairs to be disbursed by Public Works Department

Main Head	Impl:	Local	Total
Military	7603		
Civil Buildings	5600		
Agricultural	41000		
Communications	84936		
Miscellaneous Public Improvements	950		
Total	140083	"	140083

Supt Engineers Office 7th Division
Mannantoddy 22d Novr 1865

Lieutt Colonel &c
Superintending Engineer 7th Div.

R.O.

Memorandum showing details of Roads Inland in Cost III Dandeyk for 1866-67 as required by G.O. 8/1919 of 2nd October 1866

Dated 22nd } November 1866
Received }

Detail of Estimate for Repairs 1866-67.

From The Supt Engineer
7th Div

To The Secy to Govt
W.P.

Dated 22nd } November 1865
Rec'd }

W.P. 321/66

From The Supt Engineer
7th Div

To The Secy to Govt
W.P.

Dated 22nd } November 1865
Rec'd }

W.P. 321/66

Detail of Estimate for
Repairs 1866-67.

Repairs Communications Cont^d										
Brought forward	6,160	4620	5280	2640	"	18700	"	18700		
Annual Repairs to Road from Tattimungalum by Gopichettypolliem to Erode Railway Station with branch from Bhowany No. 1 to Chittode 36 miles @ Rs. 110 per mile	"	"	"	3960	"	3960	"	3960	G.O. No. 3319 of 14th Nov^r 1863	
Do. from Dharapooram by Chimadarapooram to Caroor 40 miles @ Rs. 110 per mile	"	"	"	"	4400	4400	"	4400	Do.	Do.
Do. from Cotacamund by Coonoor Ghaut to Railway Station at Coimbattore 60 miles @ Rs. 110 per mile	2860	3740	"	"	"	6600	"	6600	Do.	Do.
Do. from Codmulpettia by Dharapooram to Havelgherum 36 miles @ Rs. 110 per mile	"	"	1100	"	2860	3960	"	3960	Do.	Do.
Do. from Caroor Railway Station to foot of Coonoor Ghaut 95 miles @ Rs. 110 per mile	"	3610	"	"	4840	10450	"	10450	Do. No. 2598 - 8th Sept^r 1864 Do. Do. G.O. No. 3008 of 19th Oct^r 1864	
Do. to Trunk Road No. 5 from Wallier Chuttrum to Chittode near Bhowany with Somanoor Pat Kulby and Perindorai Railway Feeder 85 miles @ Rs. 110 per mile	"	6160	"	3190	"	9350	"	9350	G.O. No. 2598 of 8th Sept^r 1864	
Do. from Erode Railway Station to Collegal and Mysore Frontier by Burghoor Ghaut 91 miles @ Rs. 110 per mile	"	"	"	7700 2310	"	10010	"	10010	Mad. Comm. to Govt. Revenue Dept. - Mad. No. 1 dated 1865 G.O. No. 3319 of 14th Nov^r 1863	
Do. from Avenashy Road Station to Codmulpettia via Cullladum and Periapetty 40 miles @ Rs. 110 per mile	"	2750 1650	"	"	"	4400	"	4400	G.O. No. 1786 of 28th June 1865.	
Minor Repairs below Rs. 2500 each										
Annual Repairs to Cotacamund Station Roads 16 miles @ Rs. 110 per mile	760	"	"	"	"	1760	"	1760	G.O. No. 3319 of 14th Nov^r 1863	
Do. Wellington Station Roads 12 miles @ Rs. 110 per mile	1320	"	"	"	"	1320	"	1320	Do.	Do.
Do. Coonoor Station Roads 8 miles @ Rs. 110 per mile	880	"	"	"	"	880	"	880	Do.	Do.
Do. from Coonoor to Hatagherry 12 miles @ Rs. 110 per mile	1320	"	"	"	"	1320	"	1320	Do.	Do.
Do. from Hatagherry by Kallia to Cotacamund 12 miles @ Rs. 110 per mile	1320	"	"	"	"	1320	"	1320	G.O. No. 3008 of 19th Oct^r 1864 & 1252 of 9th May 1865.	
Do. to Hill Roads	1500	"	"	"	"	1500	"	1500	G.O. No. 3008 of 19th Oct^r 1864.	
Discretionary Allowance	"	"	"	"	"	5000	"	5000	G.O. No. 3267 of 15th Nov^r 1864. Mad. Order refers only to 1865/66	
Total Repairs Comm^ns	17120	22880	8030	12650	7150	12100	84930	"	84930	

Superintending Engineers Office
Y^d Division
Mananatoddy 22^d Nov^r 1865.

Items Nos. 3556 and 5916 [illegible]

C. Macleod Lieut^t Col^l R.E.
Superintending Engineer Y^d Div^n

R.P.

Memorandum shewing details of all Maintenance Grants of Roads entered in Part III of Budget of 1866-67 Required in para 5 of G. O. No. 2919 of 14th October 1865

Details of Works	Allotment for I Taluq Sanga	II Coimb. Sanga	III Allachy Sanga	IV Erode Sallagal Sanga	V Sallagal Sanga	IV Cauvery Sanga	Total Impl.	Total Local	Total Total	Remarks or reference
Repairs Communications										
Annual Repairs to Road from Cotacammund by Sugoor Ghaut to the Mysore Frontier at Tippacadoo 26 miles @ Rs 110 per mile	2,860	"	"	"	"	"	2,860	"	2,860	G.O. No. 3319 of 14th Nov. 1863
Do. from Cotacammund by Goodaloor Ghaut to Goodaloor 30 miles @ Rs 110 per mile	3,300	"	"	"	"	"	3,300	"	3,300	
Do. from Coimbatore by Pallachem to Kanghiem 42 miles @ Rs 110 per mile	"	4,620	"	"	"	"	4,620	"	4,620	G.O. No. 3008 of 19th Oct. 1864
Do. Do. by Pollachy and Podmulpitta to Madras frontier and Ambraulty River 48 miles @ Rs 110 per mile	"	"	5,280	"	"	"	5,280	"	5,280	G.O. No. 3319 of 14th Nov. 1863
Do. from Mysore Frontier by the Bhavanee Ghaut to Sattimungalum 24 miles @ Rs 110 per mile	"	"	"	2,640	2,640	"	2,640	"	2,640	Do. Do. X
Carried over	6,160	4,620	5,280	2,640	2,640	"	18,700	"	18,700	

Malabar District 4th Divn

Part II

Department Pub. Works.

Detail of Estimate for Original Project.

Works for 1866-67.

Executive Division	No.	Locality	Description	Amount of Estimate	Corrected Estimate to 30th April 1866.	Estimate 1866-67	Remarks or References.
			Military				
Rangs Cannanore	S	Cannanore	Married Quarters at Cannanore &c.	1,27,723	38,615 - 12 - 0 18531 1,01,238	26,485	Budget for 1865-66 - Revised Estimate sanctioned in G.O. No. 352 of 7th February 1865.
Do	S	Do	New Artillery Barracks at Cannanore	"	31191 13 0	75,000	Budget of 1864/65 No 27. Budget of 1865/66 No
Do	S	Do	Grand Powder Magazine at Cannanore	20,000	20,000 - 0 - 0 5,000	25,000	No 15 of the Budget for 1865-66.
Do	S	Do	New Commissariat Godown at Cannanore.	28,690	"	20,000	Plan and Estimate called for in G.O. No 3092 of 27th October 1864.
Calicut		Malcapuram	New Cook Room at Malcapuram	3,330	"	3,330	Estimate will be submitted shortly.
			Grant for Minor Works the Estimated Cost of which does not exceed Rs. 2500 Each			10,000	
			Total Military	1,79,943	1,06,238	1,49,815	

II Civil Buildings

	Cannanore	Tellicherry	Sub Collectors Cutcherry at Tellicherry	6,600	"	6,600	Plan and Estimate approved in G.O. No. 371 of 8th February 1865.
	Do	Cannanore	Sub Magistrate's Court and Treasury at Cannanore.	7,000	"	7,000	Estimate Called for in G.O. No. 3184 of 4th November 1864. — Submitted by Collector's letter No. 34 of 17 Oct. 1865. — Approved by him
	Do	Do	New Jail at Cannanore	250,000	"	50,000	Plan and Estimate called for in G.O. No. 1853 dated 3rd July 1865. Under preparation
	Calicut	Calicut	New Jail at Calicut	80,000	"	40,000	Plan and Estimate Called for in G.O. No. 2782 of 16th September 1865. Plan ready — estimate in hand.
	Do	Do	Lunatic Asylum at Calicut	"	"	"	G.O. No. 2130 of 25th July 1864 — no information received from the Supt. Engr. 4th Div. —
	Palghat	Palghat	Assistant Collectors Cutcherry at Palghat	3,210	"	3,210	Plan & Estimate approved in G.O. No. 371 of 8th February 1865.
	North Wynad	Vythery	Post Office at Vythery	3200 / 3000	2846 / 2,846	354 / 1000.	An Estimate for Rupees 2846 has been sanctioned in G.O. No. 1323 of 7th May 1864, but Revised Plan and Estimate ~~are~~ ordered to be submitted vide G.O. No. 3135 of 20 October 1865. ~~are now ready~~ — Sub Div. 8 Dated 15th 373
	Do	Manantoddy	Do Do at Manantoddy	3200 / 3,000	2,000.	1,000.	Revised Estimate ~~under preparation~~ as per G.O. No. 2438 of 22 August 1865. — Sub Div. 8 Dated 15th 373
	Do	Vythery	Sub Magistrate's Office &c. at Vythery	5,250	3,885	1,365	Revised Estimate sanctioned in G.O. No. 2804 of 22 September 1865.
			Carried over	358,060	7,885.	110,175.	

				Brought forward		3,58,060	7,885	1,10,175
				11 Civil Buildings (Continued)				
dist	to	South Wynaad	Godalore	Civil Dispensary at Godalore		5,800	1,000	24 00
				Police Stations				
N.				Police Lights.				10,000
Up								
A				Grant for Minor Works the Estimated Cost of which does not exceed Rupees 2,500 Each				15,000
/								
Co								
Mis								

IV Communications

Cannanore to Distt.	Cannanore	Metalling Trunk Road No 4 from Cannanore to Coog Frontier	8,690	3274	5416		Estimate Sanctioned in G.O. No. 276 of 31st January 1865 - Budget of 1864/65 No. 131.
Mr.	Calicut and Palghat.	Constructing and Bridging road between Calicut and Palghaut via Mundoor.	1,59,693	1,40,913	15,000		Order of Government dated 10th July 1855 No 321 and 18th August 1859 No 1975. Budget of 1865/66 No 104 - Vide Supt Engr's letter No 155 of 16th October 1865 - and G.O. No 3295 of 2nd November 1865.
Cp.	Calicut	Karkoor Ghaut, Earth Work &c. below.	32,550	24,338	8,212		Order of Government dated 6th June 1865 No 1543 - Budget of 1865/66. No 108
Mr. Cp.	Do.	Continuation of line below Karkoor Ghat from Mambat to Areacode	92,000		22,000		Estimate Sanctioned in G.O. No. 73 of 11th January 1865.
Mr.	Do.	Cheroopoya and Nellembur Bridges across the Cheroopoya and Nellemboor Rivers on road from Mambatt to foot of Karkoor Ghaut.	54,600	20,692	23,908		Estimate Sanctioned in G.O. No. 1543 of 6th June 1865. Budget of 1865/66. No. 126.
Supt. Mr.	Palghat	Shornoor Approach to the Shornoor Bridge	3,000	1972	1028		Estimate Sanctioned in G.O. No. 1799 of 28th June 1865.
	Do.	Cochin Restoring Bridges in Cochin	5,950		5,950		Estimate Sanctioned in G.O. No. 3369 of 24th November 1864. For entry of this work as one of above Rs 2500 vide para. 30 of G.O. No. 1868 of 4th July 1865.
Mr.	Calicut	Tamberchery Ghaut Road	46,413	90,000	56,413		Budget of 1865/66. No. 106. Revised Estimate Sanctioned in G.O No 1301 of 12th May 1865.
		Carried over	5,02,896	2,81,189	1,37,927		

		Brought forward	502,896	281,189	137,927.	
		IV Communications (Continued.)				
		Road from Head of Sambencherry Chaut to Upper Frontier.				
		1. Earth Work and Bridges from Lunkady to Vythery.	25,150	17,150	8,000	5926 - E. 1862/65 11226 - E. Repairs &c. in 1865/66. 17150 do do sanctioned 60 - E. 1862/65 5940 - 1865/66 — do
		2. Bridge over the Conooth River	16,000	6,000	10,000	4886. E. 1865/66 - do
	North Wynaad	3. Road between Vythery and Kulpatty	30,886	4,386	16,000	Vide Superintending Engineers letter No. 152 dated 16th October 1865.
		4. Kulpatty Bridge	8,950	2,950	6,000	2950 - E. 1865/66 - do
		5. Road from Kulpatty to Sultans Battery			10,000	In the order issued for 26,000 rupees proposed for Survey and Estimate of the Road Estimates will be prepared —
		6. Do Sultans Battery to the Frontier Circle			10,000	
		Completing Servicate Road		7,000		
	Do				10,000	
				29748 - Estimate		
				16028 - E. 1865/66		
			66,000	29,748	2,000	Sanctioned in G.O. No. 2687 of 9th September 1865. Budget of 1865/66. No. 111. —
						Ordered G.O. No. 3544 - 23
	South Wynaad	Karkoor Chaut.	107,400	37,400	25,000	Work ordered to be prosecuted in G.O. No. 3264 of 15th November 1864. Budget of 1865/66 Part of Item No. 112. Estimate submitted with Supdg Engrs letter No. 164 of 1st Nov. 1865.
	North Wynaad	Periah Chaut New Trace	80,000	12,000	20,000	Trace Completed. Estimate in hand. — Work ordered to be prosecuted in G.O. No. 3264 of 15 November 1865 and No. 1975 of 12th July 1865. Budget of 1865/66. — No 107.
	Do	Constructing Masonry Culverts on the Road from Periah to Manantoddy	15,800	7,280	8,520	Estimate Sanctioned in G.O. No. 1787 of 28th June 1865.
		Carried over	853,082	405,603	271,447.	

		Brought forward	953,082	405,603	271,447.	
		Communications (Continued)				
	South Wynad	Road from Karkoor Ghaut to Goodaloor	64,686	9,000	1864/65	Estimate Sanctioned in G.O. No. 1807 of 29th June 1865. Budget of 1865/66 — Part of item No. 112.
	Do	Do from Goodaloor to Sippatadoo	58,388	30,934	20,000	
		Grant for Minor Works the Estimated Cost of which does not exceed Rs 2500 each.			10,000	
		Total Communication	975,356	445,537	301,447	
		Miscellaneous Public Improvements				
		Grant for Minor Works, the Estimated Cost of which does not exceed Rupees 2500 each.	"	"	2,500	
		Total Misc. Pub. Improvements	"	"	2,500	

Abstract of the Grants proposed for all Original Works to be Disbursed by Public Works Department.

Main Heads	Imperial	Local	Total
Military	169,815		
Civil Buildings	137,575		
Agricultural			
Communications	301,447		
Miscellaneous Public Improvements	2,500		
Total.	591,337	"	591,337

Supg Engrs office y° Divn
Manantoddy 22d November 65

G. Walker Lieutt Col. RE
Supg Engineer y° Division

Madras

From

The Superintending Engineer
1st Division

To

The Secretary to Govt.
Department Pub. Works
Madras

Dated 23rd November 1868.
Received

Sir,

TWB 21/66

Detail of Estimate for
Original Works for 1866/67.

Details of Work.	Allotment for No 1. Mangalore Range.	Allotment for No 2 Condapoor Range.	Allotment for No 3 Coolar Range	Total Imperial	Total Local	Total Total	Remarks
Brought forward	8,800	"	"	8,800	"	8,800	
Annual repairs to Coolcor Road Circuit comprising the Coolcor Ghaut, its feeder and branches 62 Miles at 110 Rs per Mile	"	6,820	"	6,820	"	6,820	G. O. No 3319 of 14 November 1863.
Ditto — Do — to Mulladay road Circuit comprising the road diverging from the foot of Agoomby Ghaut with their branches 88 Miles at 110 Rupees per Mile	"	9,680	"	9,680	"	9,680	— Do. —
Ditto — Do — to Trunk road No 3, and Continuation from Maany, on Trunk road No II to the foot of the Mungerabad Ghaut 40 Miles at 110 Rs per Mile	"	"	4,400	4,400	"	4,400	— Do —
Ditto — Do — to road from Buntwall to Ghaut on Mysore Frontier 42 Miles at 110 Rs per Mile	"	"	4,620	4,620	"	4,620	
Ditto — Do — to Trunk road No II from Mangalore to foot of Mercara Ghaut 66 Miles at 110 Rs per Mile	5,500	"	1,760	7,260	"	7,260	— Do —
Ditto — Do — Boats, Jungars, and Sheds over the same	"	"	"	200	"	200	
Special unforeseen repairs	"	"	"	20	"	20	
Total Communications	14,300	16,500	10,780	41,800	"	41,800	

Supg Engrs Office 7th Div
Manantoddy 22nd November 1865.

Chas Lumsden Lt Col R. E.
Supg Engineer 7th Div

No. 7,625.

From R. A. DALYELL, Esq., Acting Secretary to the Board of Revenue,
To Colonel C. A. ORR, R. E., Secretary to Government, P. W. D.

SIR,

In accordance with the Orders of Government, dated 6th February 1864, No. 331, I am directed by the Board of Revenue to submit the accompanying Statement, prepared from the Collectors' Returns, showing the number of Irrigation works in nine Districts; the Revenue dependant thereon; the number requiring repair, and the amount proposed by the Collectors to be laid out during the ensuing official year.

Ganjam.
Vizagapatam.
Godavery.
Kistna.
Bellary.
Cuddapah.
Madras.
Tinnevelly.
Salem.

2. The replies from the other Districts have not yet been received, notwithstanding repeated calls for them. They will be submitted to Government as obtained.

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

Acting Secretary.

REVENUE BOARD OFFICE,
Madras,
29th November 1865.

To Colonel C. A. Orr, R. E., Secretary to Government, P. W. D.

Copy to W. Hudleston, Esq., Acting Secretary to Government, R. D.

Exd. R. H. Lee.

Memorandum showing details of all Estimates Contingencies Grants & Repairs Embraced in Part III of G. O. No 2919 of 4th October 1865.

Budget of 1866/67 - Requirements for Repairs of Roads.

Details of Works.

Repairs
Communications

Annual Repairs to Road from Mangalore to Karkal portion of the Military Travelled from Mangalore to Hurriyur Leaving the Ghaut 32 Miles at 110 Rupees a Mile

Ditto — Do to Military road to Cannanore Mangalore and Cannanore Leaving Travelled road No II, near Pairi Mangalore by Cutta to head of river and Canal Cannanore 22 Miles at 110 Rupees per Mile

Carried forward —

Estimate for		Total.
No 1 Mangalore Range.		
No 2. Coondapoor Range.		
No 3. Pootoor Range.		
Imperial	3520	3520
Local.		
Total.	3520	3520

Remarks

G. O. No 3319 of 14 November 1865

Do

Do

Assistant Collector —

STATEMENT showing the number of Irrigation works in the several Districts; the revenue dependant thereon; the number requiring repair; and the amount proposed to be laid out during the official year 1866-67.

Districts.	Taluks.	Number of irrigation works.	Revenue dependant thereon.	Number requiring repair.	Amount proposed to be laid out in 1866-67.	Remarks.
			RS. A. P.		RS. A. P.	
North Arcot.	Chittoor	774	1,13,816 0 0	99	5,000 0 0	None.
	Chendraghiri	174	32,521 0 0	13	3,500 0 0	
	Palmanair	158	16,386 0 0	45	1,500 0 0	
	Gudiatham	379	1,28,266 0 0	101	10,000 0 0	
	Vellore	220	1,19,574 0 0	37	7,500 0 0	
	Poloor	338	1,32,288 0 0	164	8,000 0 0	
	Wandawash	636	2,40,259 0 0	59	7,500 0 0	
	Arcot	484	2,38,792 0 0	70	10,000 0 0	
	Wallaja	514	2,42,961 0 0	201	12,000 0 0	
	Total	3,677	12,64,363 0 0	789	65,000 0 0	
Tanjore.	Tanjore	692	4,52,743 0 0	379	44,628 0 0	Do.
	Combaconum	699	6,41,894 0 0	216	28,000 0 0	
	Mayaveram	576	5,12,557 0 0	98	16,648 0 0	
	Shealli	141	2,36,302 0 0	16	7,358 0 0	
	Negapatam	346	3,78,883 0 0	74	9,502 0 0	
	Nannilam	570	6,56,614 0 0	36	21,710 0 0	
	Tritrapundi	224	2,75,481 0 0	210	50,099 0 0	
	Mannargudi	340	3,52,842 0 0	35	7,293 0 0	
	Puttukottai	313	78,608 0 0	234	21,535 0 0	
	Total	3,901	35,85,924 0 0	1,298	2,06,773 0 0	
Madura.	Tirumangalam	311	71,326 0 0	52	18,280 0 0	Only Rupees 36,100 was sanctioned out of a sum of Rupees 64,030 proposed for expenditure on repairs for the current official year. Owing to the want of funds previous to the close of the last Official year, several works requiring repairs were not estimated for. Works unfinished in 1864-65 are being executed from the allotment of the current year. Strongly urges for sanction the sum now proposed.
	Madura	301	1,37,630 0 0	10	2,550 0 0	
	Melur	1,491	1,12,456 0 0	100	41,000 0 0	
	Dindigul	260	36,480 0 0	4	500 0 0	
	Pereakolam	96	89,630 0 0	...	... ...	
	Palany	43	54,300 0 0	17	8,100 0 0	
	Sittanandal	5	5,453 0 0	5	1,730 0 0	
	Total	2,507	5,07,275 0 0	188	72,160 0 0	
Trichinopoly.	Trichinopoly	596	3,36,582 0 0	49	12,460 0 0	
	Museri	201	1,04,140 5 0	46	11,509 0 0	
	Kulitanlai	263	72,505 5 0	70	7,466 0 0	
	Perambalur	205	37,594 11 0	82	16,913 0 0	
	Wudiarpollem	210	52,142 6 0	66	3,143 0 0	
	Total	1,477	6,02,964 11 0	313	51,541 0 0	
South Arcot.	Tindivanam	1,009	2,34,382 0 0	99	22,174 0 0	
	Terunamallai	757	80,234 0 0	30	5,888 0 0	
	Villipuram	679	2,48,026 0 0	369	1,11,975 0 0	
	Cuddalore	407	1,55,432 0 0	135	16,280 0 0	
	Yellavanasur	582	1,84,570 0 0	97	14,082 0 0	
	Kallacurchi	647	1,26,816 0 0	238	61,940 0 0	
	Virdachellum	303	61,189 0 0	59	13,220 0 0	
	Chellumbrum	615	4,89,041 0 0	250	43,464 0 0	
	Total	4,999	15,79,690 0 0	1,277	2,88,823 0 0	

Statement showing the number of Irrigation works, &c.—*(Concluded.)*

Districts.	Taluks.	Number of irrigation works.	Revenue dependant thereon.	Number requiring repair.	Amount proposed to be laid out in 1866-67.	Remarks.
			RS. A. P.		RS. A. P.	
Coimbatore.	Coimbatore	66	80,223 14 3	29	15,260 0 0	
	Sattimungalam	27	1,32,406 0 0	14	16,010 9 0	
	Colligal	36	21,465 13 9	18	6,800 0 0	
	Pollachy	51	22,830 12 7	8	7,717 8 0	
	Perindoray	33	95,562 13 10	13	3,188 6 0	
	Bhowany	42	4,345 15 7	15	3,390 0 0	
	Pulladom	65	27,555 3 4	36	7,275 0 0	
	Dharapooram	13	57,128 6 6	2	4,772 12 0	
	Caroor	29	20,970 6 7	15	25,525 0 9	
	Oodoomulpettah	22	48,185 0 0	19	29,172 3 9	
	Total	384	5,80,674 6 5	169	1,22,111 6 9	
Kurnool.	Pattikonda	124	17,796 10 7	...	3,000 0 0	There is hardly one tank that does not stand in need of repairs; while some require a very large outlay. The proposed expenditure for last year was much under the mark; for, out of an outlay of Rupees 30,000 proposed for repairs, the estimated cost of which was set down at Rupees 46,587, only Rupees 29,000 was sanctioned, which was utterly inadequate to the wants of the District; and as more money cannot be expected, the expenditure proposed for last year is set down for 1866-67.
	Ramallakottai	35	9,401 1 3	...	4,000 0 0	
	Nundikotkoor	28	17,067 12 9	...	3,000 0 0	
	Nundial	49	19,498 4 4	24	5,000 0 0	
	Sirwell	18	14,239 10 6	...	4,000 0 0	
	Koilkoontla	17	16,749 14 2	...	3,000 0 0	
	Cumbum	170	76,261 5 4	...	5,000 0 0	
	Markapoor	41	34,207 7 3	...	8,000 0 0	
	Total	298	2,05,222 2 2	24	35,000 0 0	
Nellore.	Nellore	982	7,07,976 0 0	449	2,00,000 0 0	
Malabar.	Malabar	2	3,257 0 0	2	2,500 0 0	
	Grand total	18,227	90,37,346 3 7	4,509	10,43,908 6 9	

Note.—In South Canara and Malabar there are no Government Irrigation works.

No 405 P.W. Department

To [illegible] 477

Proceedings of the Madras Government.

Under date the 1st February 1866.

Read the following papers.

From the Secy to the Board of Revenue
Submitting a Statement of Irrigation works &c. (Fort St. George 29th November 1865 No 7625)

From the Collector of Ganjam — do — do / — do — 21½ — do — No 2603)
— do — Godavery — do — do / — do — 25½ — do — No 303)
— do — Kistnah — do — do / — do — 22½ — do — No 225)
Pro. of the Board of Revenue — do — do / — do — 20½ — December 65 — No 8194)
From the Collector of Kurnool — do — do / — do — 16½ — do — No 182)
From the Collector of Bellary — do — do / — do — 21½ — do — "
Pro. of the Board of Revenue — do — do / — do — 2½ — do — No 7728)
— do — do / — do — 9½ — do — No 7895)
— do — do / — do — 29½ November 65 No 7640. A.

From the Superintending Engineer &c. —
Budget Lists for 1866/67 — do / — do — 8½ — do — 1650)
— do — 2d Do — do / — do — 25½ October — "
— do — 3d Do — do / — do — 22½ November — "
— do — 4th Do — do / — do — 15½ — " —

From the Collector of South Arcot.
Budget Lists for 1866/67. for S. Arcot 53 / — do — 27½ — " — No 86)

From the Superintending Engineer 5th Division —
— do. for Salem & Bangalore 5½ / — do — 8½ — " — "
— do — 6½ Do —
Budget Lists — 5 / — do — 5½ September 65 No 1520)
— do — 7½ Do — do 6 / — do — 22? November 65 —
— do — 8½ Do — do 7 / — do — 1st — do — No 1508)

From the Consulting Engineer
Irrigation & Canal Company.
Submits Budget Statement for 1866/67 5 / — do — 20½ — " — No 109)

From the Inspector General
of Hospital Police —

No 39

Dept. 1865 Dept.

From
The Acting Secretary to
the Board of Revenue
To
The Secretary to
Government Public
Dated 29th
Dept. 30 } Acting 1865.
Rec.d
Ack.

Submitting Statements of
the number of Irrigation
works in the Districts &c
Revenue Department
the number requiring repair
and the amount thereof
to the said work during
the ensuing Official
year —

Vide
Extract 1865 1st February 1866.

Budget of the Police Depts 59 — do — 21st December 66 No 2491

From the Director of
Public Instruction. 479

Submits Educational Building
Fund Budget for 1867/67 } 60 — 28½ — — — /

From the Controller of Public
Works Accounts —
Budget of Salaries for 1866/67 — 61 — — 12th January 66 — No 2753/

From the Officer in Charge
of the Pubs Works - Store Depts
Indents on London expected to be } 62 — 16½ — — — No 2121
supplied in the year ——————

From the Municipal Commrs
Budget of works to be executed by } 63 — 31st October 66 — /
the Department ——————

Read again: Letter from
the Consulting Engrs for Railways re-
-corded in Pos. Public Works Depts
No 3547 — dated 23rd November 66.

64

/ — The Imperial allot
-ment for Public Works in
this

this Presidency for the year 1866/67 is Rupees 69 * which has been Lacs, distributed as follows

Military Works	10,00,000
Civil Buildings, Agricultural Works, Communications, Works of Ind. Pub. Dept.	3,951,706
Establishments	17,98,294
Tools and Plant	1,50,000

2 The Grant for Military Works is not transferable to any other object, that for Civil works includes State Expenditure in connection with the works of the "Madras Irrigation and Canal Company", but is irrespective of the outlay from State Funds on Guaranteed Railways.

The

* see G.O. 3492 dated 18th November 1865

3 The demands on account of works other than Military, as set forth in the Budget Statements which are recorded at the head of these Proceedings, amount to Rs 7993733 (Rs 50,43,510 for New Works and Rs 2950223 for Repairs) being Rs 40,42,027 in excess of the available funds.

4 The Grants which have been applied for under "Military" Account, in the aggregate, is sum far above that which has been allotted by the Government of India; but His Excellency in Council is satisfied, after carefully watching the outlay on

* Rs 3893634, after deducting expenditure on the works of the ~~Rs 9[illegible]~~ Irrigation Company, viz. for New Works Rs Main Military Rs 10,92,634
For Revenue do " 5,34,000
For Repairs do " 22,67,000

m Military Buildings during the past 5 years and the difficulties which have been experienced in laying out an unusually large assignment on that class of works, that it would be useful to provide more than 10 lacs in the forthcoming Budget. Some especially as the Grant under "Military" is not available for appropriation to Works of Public Improvement nor for increasing the assignments under other heads.

		Rs
1860/61	—	7,71,636
1861/62	—	4,88,379
1862/63	—	4,67,275
1863/64	—	6,10,584
1864/65	—	8,65,518

New Works — 7,48,000
Repairs — 1,50,000
Repairs — 1,33,000
Total 10,00,000
being increase 1,33,967 in excess of the current year's Grant.

Often deserving the probable outlay (Rupees 58072) from Funds in connection with the works of the Chenab Irrigation and Canal Company, and the requirements under the head "Lords & Plant" "Establishments" the balance which is available for New Works and Repairs under all heads is Rupees 15,93,634

Of the Account Rupees

24 lacs will be allotted for Repairs, leaving for Original Works Rupees

103 of which Rupees

Rupees 6,84,000 will be
left over as the Reserve,
Rupees 7,17,000 for Military
Works and Rupees 10,92,634
for Civil Buildings and
Works of Public Improvement.

6. The allotment for
New Works has been dis-
tributed over the several
budget heads in the
following proportions:

Budget Heads	Incomplete Works		Works not yet Commenced		Total		Reserve Fund	Grand Total
	Nr.	Amount provided	Nr.	Amount provided	Nr.	Amount provided		
Military	9	45415	28	262825	37	717000	150000	867000
Civil Buildings	14	180826	14	40100	28	220926	129000	349926
Agricultural	24	302122	"	"	24	302122	215000	517122
Communications	53	554636	"	"	53	554636	140000	694636
Mis. Pub. Improvements	3	14950	"	"	3	14950	50000	64950
Total	103	1506709	42	302925	145	1809634	684000	2493634

7. The amount for New Works estimated to cost less than Rupees 600 each has been fixed at Rupees Lac, as particularized below. This amount will be at the disposal of the Local Officers, the balance at the Reserve, viz. Rupees 584000, being at the disposal of Government for appropriation to new works under the Budget rules.

Districts	Military	Civil Buildings	Agricultural	Communications	Mis. Pub. Imp.ts	Total
Ganjam	"	"	3000	1000	"	4000
Vizagapatam	"	"	2000	1000	"	3000
Godavary	"	"	5000	"	"	5000
Kistnah	"	"	6000	"	"	6000
Nellore	"	"	5000	1500	"	6500
Cuddapah	"	"	3000	"	"	3000
Kurnool	"	"	3000	"	"	3000
Bellary	3000	"	2000	"	"	5000
Pondicherry	1000	3000	"	"	"	4000
Madras	700	200	6600	"	"	7500
North Arcot	200	300	6000	"	"	6500
South Arcot	"	600	6000	400	"	7000
Salem	150	400	2200	250	"	3000
Bangalore	4000	"	"	"	"	4000
Tanjore	"	2000	7500	500	"	10000
Trichinopoly	1500	500	5500	500	"	8000
Coimbatore	600	500	500	1500	"	3000
Malabar	500	"	500	2000	"	3000
South Canara	"	"	"	2000	"	2000
Madura	"	750	1800	700	"	3250
Tinnevelly	"	750	1800	700	"	3250
	11,550	9000	67,400	12050	"	100000

8 The grant of Rupees 24 lacs for Repairs has been appropriated as follows

Civil Salary — Rs 133,000
Civil Building — 132,471
Agricultural — 963,467
Communications — 1144,330
Misc. Pub. Imps. — 26,745

* Rs 1841,714 (1835,850)

9 The allotment for Establishments includes the cost of Extra Temporary Establishments which were provided for up to the End of 1863/64 in the Estimates for works, and of such of the Conservancy Establishments as Elsewhere

Carried 6

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order of the Public Works Department, but it is exclusive of the amount which will be debited to Local Funds on account of works which are proposed to be carried out from that source during the ensuing year through the agency of Public Works Officers.

* Rupees 10,536 ~~13,020~~ —

Rs 36936 against Rs 36,360 the estimated outlay from Local Funds for Bridges,

and

Rs 3620. against Rs 36,200 which is the fresh provision from Education Building Funds, the balance of the assignment being the amount which is not likely to be expended from the Budget allotment for the current year.

10 The Budget of Establishments exceeds the allotment for 1865/66 by Rupees 2,25,850 ~~2,18,714~~ This Excess is chiefly attributable to the inclusion in the contingency Budget of a sum of Rupees 82,196 on account

* Rupees 16,13,000

Allowances of Conservancy Establishment which were not provided for in the Estimates for the current years to the transfer of Rupees 68,832 from Part III to Part II on account of Extra Establishments which were here before provided for in the maintenance Grants for Roads, but have now to be separately entered in the Budget of Establishments, but are proved a charge which is liable to the subvention under the orders of the Government of India in as much as a daily travelling or mileage allowance for the system of fixed travelling

travelling allowances which was in operation until the 31st August 1865, and lastly to the enhanced cost of Executive Establishments consequent upon the numbers in the higher grades in each class having been increased in accordance with the orders of the Government of India which were communicated in their Circular No. 80 dated 23rd August 1865 to the foreign-ment under the head "Roads and Plant" has been allotted to the Districts and Departments concerned as shewn below.

New Supplies

District or Department	Surveying Establishments	Roads	Bridges	Public Buildings	Canals & Irrigation	Light Houses	Total	Repairs & Contingencies from Revenue	Grand Total
Ganjam	"	"	"	"	"	"	"	1000	1000
Vizagapatam	"	"	"	"	"	"	"	1000	1000
Godavery	"	"	"	"	"	"	"	2700	2700
Kistnah	"	"	"	3000	500	200	3700	3000	6700
Nellore	"	"	500	1500	300	500	2800	600	3400
Cuddapah	"	"	200	150	100	200	650	200	850
Kurnool	"	"	250	"	100	"	350	200	550
Bellary	"	"	250	"	100	"	350	300	650
Residency	"	"	200	150	150	"	600	400	1000
Madras	"	"	543	"	300	"	843	500	1343
North Arcot	"	"	200	"	150	"	350	200	550
South Arcot	"	"	500	150	100	"	750	150	900
Salem	"	"	600	"	200	200	900	450	1350
Bangalore	"	"	"	"	"	"	"	"	"
Tanjore	"	"	300	"	100	200	600	1567	2167
Trichinopoly	"	"	500	"	200	"	700	"	700
Combaconum	"	"	2800	"	100	450	3660	1100	4750
Madura	"	"	2300	"	300	200	2800	800	3600
South Canara	"	"	1000	"	"	"	1000	490	1490
Malabar	"	"	600	"	270	300	1170	1800	2970
Tinnevelly	"	"	500	300	150	460	1910	420	2330
Total	"	"	11243	5250	3120	2710	23123	16877	40000
Grand Sept Pr Stone Office Purchases Rs 10000 Contingencies Rs 10000 Repairs 10000	"	"	"	"	"	"	"	"	30000
Supplies from England	"	"	"	"	"	"	"	"	80000
Grand Total	"	"	"	"	"	"	"	"	150000

12. The Expenditure which is proposed from ~~District Boards~~ Educational Building Funds by Public Works Officers

Officers Rupees 79,366, Viz Rs 72,221 for New Works, Rs 3525 for Repairs, and Rs 3620 for Establishments. The District Road Fund Budget ~~which reaches the Govt only on the 1st January will be referred to the Board of Revenue who will again be requested to expedite its submission~~

13. In preparing Part II of the Budget the Government have adhered strictly to the principle of providing, in the first instance, for the continuance of operations on works which are in progress and which are not likely to be completed during the current year. The sum which has been allotted

allotted from Imperial Funds for unfinished works is Rupees 1506709 and for works which it is proposed to commence on the 1st May next Rupees 302925 distributed as follows.

Salt Works	Rupees	17,000
Sebundy Kothies Gulleries appertaining to the Revenue Department	"	32769
Salt Works	"	8910
Court Houses	"	5761
Jails	"	113679
~~Encumbered Buildings~~		
Police Buildings	"	36863
Police Buildings	"	22954
Irrigation Works	"	302122
Communications including Salt Roads & Canals for the Conveyance of Salt	"	554636
Works objected under Rule Pub. Impt.	"	14950

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*By the Inspector Genl. of Police

11 0 11 the amount which
11 0 11 has been applied for as
11 0 11 allotted on account of
11 0 11 Police Buildings is Rupees
11 0 11 36,760 3/4 in 31,500 for New Works
11 0 11 Rupees 3960 for
11 0 11 ——— ———
11 0 11 Repairs ——— the whole
6 0 11 of this Grant will be ex-
6 0 11 pended by Officers of the
Public Works Department.

15. The Government of India having restricted the outlay from Imperial Funds on Travellers Bungalows in this Presidency to Rupees 11,230. that Amount has been distributed over the several Divisions

* Part III

Divisions in the following

[illegible] Rupees 11404-

1st Division — Do. 11404-

2nd Do — Do. 11404-

3rd Do — Do. 11404-

4th Do — Do. 11404-

5th Do — Do. 11404-

6th Do — Do. 11404-

7th Do — Do. 11403

8th Do — Do. 11403

16 Any further sums that may be required for expenditure on Public Bungalows must be met from Local Funds.

17 The Board of Revenue estimate the requirements for the repair of agricultural works during 1866/67 at Rupees 2,96,723 but Government regret that it has been found impossible, with due regard to the demands under other heads, to allot a larger grant than Rupees 9,63,454 the sum which has been applied for and assigned to each District for irrigation repairs is noted in the following statements.

* Exclusive of Vizagapatam Godavery & Kistna Canals which do not form part of this estimate.

Districts	Total number of Irrigation tanks	Number requiring repair	Amounts applied for by Collectors	Amounts allotted	Remarks.
Ganjam	2780	401	30795	14600	
Vizagapatam	"	"	"	6000	
Godavery	290	192	193079	134000	
Kistnah	1477	234	38336	113000	
Nellore	982	447	200000	40800	
Cuddapah	2311	242	85609	32500	
Kurnool	1008	123	35000	20500	
Bellary	857	234	134748	64700	
Chingleput	"	"	"	2600	
Madras	2161	1040	263676	89136	
North Arcot	3677	789	65000	60240	
South Arcot	4999	727	288823	60000	
Salem	2744	1067	183172	20500	
Coimbatore	"	"	"	"	
Tanjore	8901	1295	206773	114000	
Trichinopoly	1477	313	51541	65289	
Madura	384	169	122118	36060	
Tinnevelly	2	2	2509	1850	
South Canara	"	"	"	"	
Malabar	2507	188	42760	34294	
Nilgherry	2477	437	123400	58145	
Total	35123	8305	2961725	963454	

18. The Superintending Engineer will be careful to submit early in 1866/67 the Statements of incomplete New Works (Imperial) in their respective Divisions as well as the Returns required under paras 19 and 22 of the Budget Orders for 1865/66

G. One 361. 27th February 1865

Part II Original Works.

To The Executive Engineer Vizagapatam

Sir

I am directed by the Superintending Engineer Circle to inform you that the following Estimate for the sum of Rs. 60,324 and that Rs. 30,000 be allotted in the Budget for 1865/66 for protecting the Town and Fort of Vizagapatam from the encroachments of the Sea.

2. The Estimate was submitted with your letter No. 3722, dated 9th December 1864.

Ashmah

Secretary

Vizagapatam Jail. The proposed Estimate for the sum of Rs. 60,324 and that Rs. 30,000 be allotted in the Budget for 1865/66 for protecting the Town and Fort of Vizagapatam from the encroachments of the Sea.

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2. The Estimate was submitted with your letter No. 3722, dated 9th December 1864.

Ashmah

Secretary

Nellore. The Estimate for 1862/63 of the Head Sub-Overseer of Nellore, for the repair of the Nellore Anicut, and for the construction of a new Sluice in the Grand Anicut Canal.

Dated 3rd May 1865

Colonel Boileau's attention will be drawn to the order, under date the 5th July 1865, No. 1875, which reduces the Estimate from Rupees 53,780 to Rs. 51800.

2nd Saying on water supply to the Bathrooms of the Bombaymen in the Fort G.O. No. 678, dated 10th March 1865, is quoted in support of this Estimate, but on a reference to the order in question, it is observed that the Estimate to which sanction was accorded therein provides for the construction of Bathrooms in the Lunettes of the Fort, Saint George, and

Col Boileau will also consider whether, with reference to the orders of the 11 October and 3rd November Nos 3015 & 3315 respectively, it would be advisable now to carry out this work -

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Public Works Department

Office of the Fort & Pier Engineer

Estimate for the Service work was submitted to Government with the Superintending Engineer's letter No. 5292, dated 20th February 1865, which on its being referred to the Barrack Master, that Officer brought to notice "the inexpediency of a water supply by pipes, as the future arrangements for the Band would probably remove the men from their present location". Colonel Boileau will now be requested to submit the plan and Estimate, and on their receipt, it will be finally determined

in the Military Deptt
whether the work should
be carried out.

2b- The Barracks and
Mill House at Wallajahbad
are being proceeded with
from funds provisionally
here allotted for the
work vide G.O. No. 3583,
dated 28th Nov. 65 -

The Superintending Engr
will be careful to see
that the estimate which
was ordered to be sub-
mitted after verification
is laid before
Government at an
early date.

27. The Superintending
Engineer ~~prefers~~ proposals of the
in connection with
the construction or repair of
works which are to be
undertaken from Local
Funds

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Funds of the 4th Div.
should not have been
brought forward in
the Financial Budget.

North Arcot 28 Improving
the road from the Town
of Tirupathy to the Royal
Station and from
thence to Palacode -
The Superintending Engr
applies for the full
amount of the estimates
for the expenditure during the
ensuing years. The
estimate Rs. 1,660, which
has been already exc-
pended on the works
should have been en-
tered in the Column
headed "Computed Exc
penditure to 30th April
1866."

Banga[lore]

Bangalore

Rate Principal Bdgs.

Rs. The estimated cost of the work Rs. entered at Rs. 1200.000 or more than a lakh of Rupees which is entered in the Current Year's Budget. On the plans and estimates requiring the sanction of the Government of India, the Superintending Engineer will despatch their presentation, with his advice thereon, and see that they are laid before Govt. in due compliance as soon as possible

The

30- The Estimate for the Water Supply Project, exceeds the Estimate by Rs. 12.736. added to the allotment for 1886/87 up to the 30th April 88

The revised estimate, which has been for a very long time under preparation, should be submitted to Government without further delay, accompanied by a full and clear explanation of the causes which have led to the large excess over the sanctioned amount.

31- Buildings required for the introduction of Doctor Duff's Cooking ranges for the use of the European Troops. It having been determined that these buildings should be defined pending the receipt of

of a pendulum apparatus
for ascertaining the
Length of a simple
Pendulum vibrating Seconds
in the Latitude of
Edgehill and of a new
Standard Scale of Length
to which all future
Measurements may be referred
with the Authority
and Sanction of the Board
of Ordnance

32 Alterations in Barracks
at the New Dragoon
Barracks to adapt
them to the Use of
Cavalry

Governor's Quarters

See C W Proc No 3165
" 23 Octr 65

was decided in the
Military Department,
that orders thereon should
be deferred, pending the
receipt of the Reports on
the earth-defence appa-
ratus, which the decision
of the Government with
regard to the adoption
of the earth-defence
Scheme generally

~~The Amount of Estimate~~
~~for the Dispensary~~
~~will be allowed towards~~
~~the Expenses of the~~
~~Establishment~~
~~Department~~

333 Additions to the Dragoon
Barracks to fit
them for accommodation
by a Troop of Horse

The

The Superintending Engineer states that the probable cost of this work will be Rs. 400,000 in lieu of which an estimate has been submitted by the Director General on the 5th Decr last, the Govt. sanctioned an outlay of Rs. 105,200, that amount has been entered in the outgoing Budget with a contributive expenditure of Rs. 25000 up to the 30th April 1866.

+ G.O. No 3800 - 19 Decr/65

@ Rs. 20,000 already allotted
" 5000 promised later in the year

To Jakpore - June 37

Forwarded to the Secretary to the Govt of Bengal Public Works Department at Fort William.

The Superintending Engineer gives the estimated cost of this work at Rs. 5,720. In the Pro ceedings of Govt. No. 12606, dated 7th Septr 1865, Rs. 2000 were allotted for the commencement, and on the supposition that the additional grant of Rs. 2000 which was applied for in his letter No. 1501, dated 1st Decr 1865 would be made during the present year, Captain Davies enters Rs. 1720 (the balance of the Estimate) for expenditure in 1866/67.

In reference to the order above quoted ~~under date the 7th Septr 65 No. 12606~~, the Govt of Bengal observe that the Estimate which was submitted with

with the Proceedings of the Board of Revenue No 5067, dated 19th August 1865, annexed (as No 5910) and that it has been returned to the Superintending Engineer for revision. The revised Estimate not having yet been laid before Govt. the amount of the original Estimate has been entered in the original Budget, and on the Superintending Engineer's recommendation that the additional grant of Rs. 2000 above mentioned should be placed at his disposal during the current year, Rs. 3910 have been provided for expenditure on the work in

† See G.O. No. 3799 of 19th Decr/65

in 1866/67. 18

36- Reconstructing the lower Coleroon Anicut. This work has been ordered to be proceeded with in anticipation of an allotment of funds later in the year. Captain Dickie will submit the revised Estimate at an early date.

36. Coimbatore. Rs. 50,000 ~~15,000~~ 9000 and Rs. 15,000 respectively have been provided in the ordinary Budget for the Central Jail & the new Taluq Cutcherry at Coimbatore, and for the Lunatic Prison at Vellington. The Superintendent is requested to expedite the submission of the revised Estimate

Estimates which were called for in the orders noted in the margin. The revised Estimate for the Central Jail will exceed Rs. 2,20,000, it will be necessary, under the rules, to submit it for the sanction of the Government of India

No. 2824 - 23rd Sept/65
" 3332. 6th Nov.
" 3762. 13th Dec.

37. Laurence Royhun Buildings. The Estimate for this work is entered by the Superintendent at Rs. 9,62,770. This has been altered to Rs. 9,61,067, which is the amount of the estimate submitted with Roll Wacher's letter recorded in G. O. No. 3852, dated 22nd Dec/65.

14 573

38. The estimated cost of the New Goodalore and Beyhore Ghats is entered at Rs. 90,000, these have been altered to Rs. 81,400 with reference to the orders noted in the margin. dated 20th January 1866 - No. 234 / 12th January 66 No. 162.

Malabar. 39. Port Officer at Tellicherry and Mahe toddy. The estimate is mentioned for each of these works in Rs. 3731, dated 8th Dec 1865 amounts to Rs. 3,200 and not Rs. 3,006 as entered in the Superintendent's Budget.

40. South Canara. The Estimate for the Bridge work on the road to connect Mangalore and Cannanore by Vittla and

Part III Repairs.

24. In preparing this part of the Budget, the Government have reduced the maintenance grants for roads which are entered in the Current Year's Estimate by Rs. 68,83,515, being the amount chargeable to each of Establishments in Part IV of the Budget. Should however in some cases the grants for the maintenance of roads are larger in the outgoing budget than those which were available during the Current Year, and that in other maintenance grants have been provided for

See G.O. No. 83. dtd 7th Jany 1866.

for the first time, in the Budget for the ensuing year. The Controller of P.W. Accounts will be requested to place himself in communication with the Superintending Engineers, so as to report to Govt. whether existing and future applications can be made in these cases to cover the cost of such establishments.

Vizagapatam £20
Maintaining a portion of Seashore road, viz Serigavarapoocottah and Kaleshwaram from Vizagapatam Rs. 2500 are entered against Rs. 1500 in the Current years Budget. The sanction of Government should be obtained, in due course, to the proposed increase.

43 Nellore Rs. 600 and 1600 are entered for the first time, to maintain Venkatagiri Road for the undermentioned periods. These amounts will be allowed to stand but the Superintending Engineer will be informed that they will not be available for establishment without the Special sanction of Government

Salt road from Venkatagiri to Chinnajoor
Road from Gudur to Sangamnellore

Guddapah

Madras

44 The maintenance grant which was sanctioned in G.O. No. 2336 dated 11th August 1865 for the road from Royapuram Choki over the Pulicat Ghaut to the Ethapaud River 3000, being at the rate of Rs. 150 per mile for 20 miles. The Superintending Engineer will report when this road is entered in Budget, 30 miles long and maintained with an allowance of Rs. 100 per mile.

Presidency

522 519

Presidency - The Municipal Commissioners for the Town of Madras having been authorized to levy tolls on carriages and other vehicles under Sections 24 to 42 of Act IX of 1865 from the 1st January 1866, the Government of India having called upon this Government to take measures for changing the funds derived from local sources the cost of maintaining many, if not all, of the roads within Municipal limits at Madras for which an annual grant of Rs. 35,897 has heretofore been provided from Imperial Funds, His Excellency in Council resolves to omit

omit from the outgoing Budget the items mentioned, and to request the Municipal Commissioners to provide the necessary funds for these roads in their Estimates for the ensuing year. The outstanding Estimates for the Presidency for which maintenance grants will continue to be entered in the Extraordinary Budget are those for Government Bridges and within the limits of Government Compounds.

Madras

Ponnamallee Road Powder Mills Road Santa Veach Road Esplanade Road Mount Road	12007 8000
Extra Establt & Contingencies	2040
Road from St. Marshall's road to St. Andrews Church	600
Road from Marshall's road to the Commissariat	250
Road along the East face of the Fortress	2500
Road along the east and north wall of the Railway Terminus	2000
Road from the Mount Road to the Normal School &c	149

× Rs 9246

46-c Madras. Rs. 2550 as proposed for metalling the "Guindy road." Although having been quoted in support of this entry the Superintending Engineer will be requested to explain when and by whom the Estimate was sanctioned, and whether the road appertains to the Madras District or to the Presidency.

47- Rs. 1650 for metalling and filling in pits &c in the Ennore road - An Estimate should be submitted for this work in due course.

48- The funds required for the repairs of Public Buildings at Saidapett and Guindy are entered in the Extraordinary Budget for the Presidency instead of in that for the

the Madras Dist.
The necessary transfer
has been made in the
Government Office.

49. Maintenance
of Road from
Coonoor to Coimbatore - Rs 2500 -
see para 43 above.

North Circle -
50. Rupees 150 are pro-
vided for the maintenance
of the road from the
Travellers Bungalow sta-
tion to Gudalur No 10
The estimate amounted
in Fy 1869-70 to Rs 3490 vide 13
Nov 63 but Rs 3000
51. The Superintending
Engineer has included,

under the Head Miscellaneous
repairs, Rupees 3000 on account of Trunk Road
No 10 from the 71st to 75th
Mile including all roads forming
a portion of the Calicut
of Rs 12800 which is
hereby ordered it has
been struck out of the
Budget.

52. Maintenance of
Road from Pallipatti to
Kotagherry - Rs 700 -
see para 43 above.

53. The Superintending
Engineer provides Rs 45000
for the maintenance of
the roads from Trichy
to Calambur & Dindigul
construction of the road
have not yet progressively
advanced & the Govt
consider it unnecessary
to allot funds for the

1 Trunk road No 10 from
Kaveripatti to the Mysore
frontier beyond Palmanair

maintenance during
the next year.

54- Road from Arol
to Omee - Rs. 7900 are
entered for the maintenance
of this road. The sum
sanctioned by Govt. is
Rs. 3800, which has
accordingly been provided

G.O. No. 1436 of 29th May 1865.

55- The Superintending
Engineer of the 5th Circle
applies for Rs. 7100 for
the road from Tindivanam
to the Salem frontier, via
Tirumalai, being Rs.
300 above the sanctioned
amount. Coll. Toogood will
be informed that the excess
will not be available until
the estimate and Traffic
Return which were called
for in G.O. No. 3482, dated
18th Nov. 1865, shall have
been

been received and orders
passed thereon.

Salem -

56- Repair of the road
from Salem to Mettoor
- 1000 Rs. 600 or Rs. 100
in excess of the sanc-
tioned amount are en-
tered in the Supplemen-
tary Budget under the head
"Minor Repairs" - The
remarks in para 42
above applies to this item.

Tinnevelly —

Road No. 5 from Sheevally
station to Tuticorin.
Road from Shereelpully
to Ettiapooram -

57- The Superintending
Engineer's remarks applicable to the
items noted in the mar-
gin not being sufficient-
ly intelligible, the details
have been entered as sanc-
tioned by Govt. leav-
ing the provision for each
establishment -

Road

Road leading from Palamoillah to Tuticorin Rs 2850 are proposed for the maintenance of the road, being Rs 450 in excess of the current year's allotment on account of the additional 3 miles of which have recently been completed. The excess has been allowed to stand, but the Superintendent will submit an Estimate for the proposed increase as well as for the work detailed in the margin which will be included under the head "Minor Works".

Maintaining

Beach road at Tuticorin Rs 300.

527

59. Maintaining Pearl Oyster Nursery at Tuticorin. Rs 2,000.

This amount has been struck out of the budget, with reference to the orders of Govt. No 58, dated 6th January 1866.

60. The Govt request that in preparing this part of the Budget for future years the Superintending Engineers will be careful to enter in Columns 4 and 5 the Budget allotments under each head, instead of the grant which is available at the time of the submission of the Budget.

Part IV

61- The Budget of Establishments, as submitted by the Controller of Public Works Accounts, amounts to Rupees 18,98,552, of which Rs. 2,84,388 are on account of Travelling Allowance and Batta for Office Establishments. The Controller's estimate under this head appears to be unnecessarily high, and the Government are of opinion that it may be safely reduced to 224,686 Rupees, ~~2,00,000~~, as

the

the Members of
the Executive Establish-
ment are not likely
to draw full Tra-
velling allowances at
the present daily —
rates for the entire
three years and as much
of the Salary Overseers, it is believed,
will draw Horse allow-
ance in lieu of Tra-
velling allowance,
under the operation
of the orders of Go-
vernment which are
contained in para 6

of

of their Proceedings
No. 3820, dated 20 Decr
1865-
62- - - - By the al-
terations, the Budg-
et of Establishments
is reduced to Rs. 18,38,850
~~Rs. 19,11,944~~,
of which Rs. 36,936
are chargeable to Dis-
trict Road, and
Rupees 3,620 to Edu-
cational Build-
ing Funds - should
the details charges
on account of
Travelling allowance

and

Part V

63. The Estimates of the Superintending Engineers under the head Tools and Plant Establishment in the aggregate by Rs. 79,355. This has been reduced by Government to Rupees 40,000, which is the largest sum that can be spared for the Provincial Service. The allotment for each District under the several sub-heads

is

is noted in para
11 of these Proceed:
ings - The assign:
ment of Rs. 30,000
to the Presidency More
Assistants be cancelled
& available for exp:
ses will still be
sanctioned under the
following heads, in
the proportions noted opposite
to each.

Cuddapah ——— 10,000

Kurnool ——— 10,000

Bellary ——— 10,000

10

535

30

64- The following Statement exhibits the Amount which will be available in Each District from Imperial and Educational Building Funds on the 1st May 1866 —

Districts	Original Works	Minor works estimates not exceeding Rs 500 each	Repairs	Tools and Plant	Total	Remarks
Ganjam	65482	4,000	67,237	1,000	137719	
Vizagapatam	68579	3,000	59,827	1,000	122406	
Godavery	189557	5,000	185041	2,700	382298	
Kistnah	149457	6,000	152657	6,700	314802	
Nellore	67491	6,500	93630	3,400	171021	
Cuddapah	1,000	3,000	111732	850	116582	
Kurnool	"	3,000	60,080	550	63630	
Bellary	62980	5,000	160243	650	228873	
Presidency	139490	4,000	63314	1,000	207804	
Chatoor	21685	7,500	221621	1343	252149	
North Arcot	32110	6,500	136470	550	175630	
South Arcot	12000	7,000	130466	900	150366	
Salem	14220	3,000	87968	1350	96538	
Banjalore	276650	4,000	24500	"	305150	
Tanjore	53910	10,000	206827	2167	272904	
Trichinopoly	26600	8,000	130240	700	165540	
Combatore	318390	3,000	128328	4750	454468	
Malabar	317020	3,000	96589	3600	420209	
South Canara	25980	2,000	45370	1490	74840	
Madura	34260	3250	101216	2970	141696	
Tinnevelly	25000	3,250	130929	2330	161509	
Municipal Comtt	"	"	9246	"	9246	
Local Superintendence & Revenue Establishment	"	"	"	30000	30,000	
Total	1881855	100000	2403525	70000	4455380	

65. The Superintending Engineers will be requested to expedite the submission of Estimates for the works which are entered in the accompanying Statements and they will be careful to see that no expenditure is incurred on the items marginally noted until the Estimates shall have received the sanction of Government.

Nos 1, 2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 15, 22, 32, 35
114, 20, 21, 22, 23, 25, 36
50, 51, 53, 54, 55, 56, 57, 59 and 60
of Part III of the Budget and maintenance grants to which formal sanction has not yet been awarded.

Part VI. Budget of State Expenditure on account of Guaranteed Companies.

66. The items which are provided for expenditure from State Funds on Railways in this Presidency and on the works of the Madras Irrigation and Canal Company are as follows. The outlay on Railways will be irrespective of, and in addition to the grant of Rs. 69 Lacs for Public Works.

Guaranteed Companies	For Establishments	For Lands	Total	Remarks
Railway Company	50,554	103,700	154,254	
Madras Irrigation & C. Co.	38072	21,000	58072	
Total	88626	124700	212326	

67. Under the explanations afforded by the Consulting Engineers, these entries will be allowed to stand. The Budget of Establishments for the Consulting Engineers for

for Railways is the same as that which was conditionally passed in the order of the 23 Nov. last No. 3557, a copy of which will now be furnished to the Controller of Public Works Accounts.

~~67~~ 68 The following is a Statement of the entire expenditure which is proposed from Imperial ~~Educational Building~~ & Funds during the ensuing year.

Items	Military	Educl Funds	Agricultural	Educl Funds	Commerce	Educl Funds	Misc. Public	Educl Funds	Total Imperial	Total Educl Funds	Grand Total
Part III New Works	717000	–	22926	17221	302122	–	50486	– 14952	1809634	72221	1881855
Grant for Minor Works	150000	–	12900	–	215000	–	140000	– 50000	684000	–	684000
Part III Repairs	123000	–	3525	–	[illegible]	–	[illegible]	– 26745	2400000	3525	2403525
Total for New Works & Repairs	1000000	–	39351	17221	1183576	9483	180000	– 91695	4893634	75746	4969380
Part IV Establishments									1798794	3620	1801914
Part V Tools & Plant									150000	–	150000
Part VI State Expenditure									1512254	–	1512254
do on works of Madras Ry Co									68072	–	68072
Grand Total											7123620

x Exclusive of the sum of Rs 36936 / provided to be charged to Parliament Road Fund

~~84~~ 89 The Budget of Expenditure from Guaranteed Capital is as follows –

Madras, Nath. West and South-West Railway and the Bangalore branch	60,00,000
Great Southern of India Railway	2,92,000
— do — Extension to Erode	15,40,000
Madras Irrigation & Canal Company	4,00,000
	82,32,000
Deduct receipts, as estimated by the Railway Authorities from sale of stores, &c. to be credited to Capital — 10,03,000	
— do — by Irrigation and Canal Company's Authorities from — do — 80,000	10,83,000
	71,49,000

~~69~~ 70 The sums which are proposed for expenditure on Railways are

are those which were approved in the orders of Government ct. 3557 dated 23 Nov. 65 - The Estimate of the Consulting Engineer for the Madras Irrigation and Canal Company may be allowed to stand under the explanations which are afforded in Captain Mullins's letter of the 20th Nov. last, recorded at the head of these Proceedings -

11 to S. E. with letter to Govt of India
11 to Centl Circle with GO 3557 with letter to Govt of India
3 to A/Sl
11 to Pub Wks Dept with letter to Govt of India
11 to Educl Dept
8 to Rev Dept
7 to Jud Dept
12 to Mem wich & stores &c
8 to Spl Exp Engrs
3 to Cons Engr for Rlys
4 to Cons Engr for Mic M. 416
4 to Manager do do
6 to Insp Genl of Police with letter to Govt of India
30 to Board of Rev
2 to Genl Supt P W Stores
3 to Mem Comm with refce
5 to Mr Secy to Govt Pub Wks Dept

Dated 7th February

Copy in a Letter to England
of 11th April No 18 of 1866

2 5 0
1 3 7
— 8 5
— 5 0.

To P.W. 1866 & Depts
To P.W. of Govt for Feby
No 405
To P.W. of the Bl Govt
Do of 1st Feby 1866

Page 23 of Index
above the 1st
entries

Budget Lists for 1866-67

Casting orders on certain
Correspondence from the
Supt Engr Wks, submitting
their —

2-3/7/66

No 89 @ 64

Calcutta 18th

No 406

65- Do

The Secretary to the
Government of India
D. P. W.

Sir

Under the orders
of His Excellency the Governor
in Council, I have the —
honor to forward the accom
Budget of Public Works for
the year 1866/67.

2. The allotment for
this Presidency for the en-
suing year is Rupees 69 lacs
which, under the circular of
the Government of India No 107
dated

Enclosures 4-
Budget-
100 Maps.
Copy of Indent.
Copy of Letter from Con.r Engr
& Sd.r.- with letter from the
Manager.

Funds	Part II New Works — Military		Civil Buildings		Communications		Irrigation		Total		Part III Repairs — Military	Civil Buildings	Capitalised	Commercial	Irrigation	Total	Part IV Establishments	Part V Tools and Plant	Part VI State Expenditure on works of Miscellaneous	Part VII State Expenditure on Railways	Total
	No. of Works	Allotment	No. of Works	Allotment	No. of Works	Allotment	No. of Works	Allotment	No. of Works	Allotment											
Imperial — Ordinary Reserve	37	717,000	28	220,926	24	302,122	53	554,636	3	14,960	145	1809,634 / 684,000	133,000	132,471	963,654	1144,330	26,745	24,00,000	17,98,294	1,50,000	58,072	154,254	62,70,254 / 6,84,000
Educational —	"	"	12	72,221	"	"	"	"	"	"	12	72,221	"	3525	"	"	"	3525	3,620	"	"	"	79,366
Total —	37	717,000	40	293,147	24	302,122	53	554,636	3	14,960	157	2565,855	133,000	135,996	963,654	1144,330	26,745	2403525	18,01,914	1,50,000	58,072	154,254	71,33,620

4- The Budget of Works to be undertaken from Dt Road Funds thro' the agency of the Dept has not yet been received by us for incorporation in the Imperial Budget, but will be separately transmitted.

5 In their Circular already quoted, the Government of India have fixed the grant for Military works at Rupees 1,00,000, which is the amount that was applied for by this Government and which will be found distributed in the outgoing Budget under the following heads-

New Works —	Rupees	7,17,000
Repairs —	do —	1,33,000
Minor Works (Reserve) -	do —	1,50,000

Copy of Letter No. 2461 dated 15 October 1915 from the Secretary to the Government of India, Public Works Department, to the Chief Commissioner, Andaman and Nicobar Islands.

Subject: Allotment of Grant for Military Works.

I am directed to refer to your letter No. 1 dated the 1st October 1915 and to say that the Government of India have decided that the grant for Military Works for the year 1915-16 shall be fixed at Rupees 1,00,000, which is the amount that was applied for by your Government.

2. I am to add that the Government of India have also decided that the grant for Civil Buildings and Communications for the year 1915-16 shall be fixed at Rupees 1,57,257-

Rupees 1506709 have
been provided for
in the Imperial + Budget for
the undertaken from the Imperial Grant
projects, of which 3
as shewn in the
Margin, require the
Sanction of the Govern-
-ment of India, the
remainder being
within the com-
-petence of this Govern
-ment to Sanction.
It will be seen
from the following
Statement that
Rupees

Race Course Barracks - Bangalore
Lawrence Asylum Buildings - Coimbatore
Central Jail ——— do ———

Continuing operations
on the works detailed
are in actual
progress and
Rupees 302925 for
works which it
is proposed to
commence on the
1st May next.

Allotments	Military			Civil Buildings			Agricultural			Communications			Misc. Pub. Improvements			Total			Grand Total
	Incomplete Works	Works ad yet Commenced	Total	Incomplete Works	Works ad yet Commenced	Total	Incomplete Works	Works ad yet Commenced	Total	Incomplete Works	Works ad yet Commenced	Total	Incomplete Works	Works ad yet Commenced	Total	Incomplete Works	Works ad yet Commenced	Total	
	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Number / Amount	Amount
Imperial	9 / 49750	28 / 24600	37 / 74350	14 / 77000	14 / 1000	28 / 78000	24 / 24722	- / -	24 / 24722	53 / 53686	- / -	53 / 53686	3 / 1910	- / -	3 / 1910	103 / 156988	42 / 27771	145 / 184759	184759
Educational Buildg	- / -	- / -	- / -	3 / 2000	9 / 1771	12 / 3771	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 2000	9 / 1771	12 / 3771	3771
Total	9 / 49750	28 / 24600	37 / 74350	17 / 79000	23 / 2771	40 / 81771	24 / 24722	- / -	24 / 24722	53 / 53686	- / -	53 / 53686	3 / 1910	- / -	3 / 1910	106 / 158988	51 / 29542	157 / 188530	188530

The Reserve has been fixed as usual at 10 per cent of the entire assignment, minus the State Expenditure in connection with the works of the Ahmednagar Irrigation and Canal Company. In para 3 of Statn Resolution No 967 A, dated 28th Oct 65, the Government of India observed that it seems worthy

of consideration whether a smaller proportion than the above might not in future, be allotted for Minor Works which are not specially provided for in the Budget. I am to observe, in reply, that in the opinion of this Government, such a reduction would be most undesirable. As

Forward

prequisite, when funds
are required for the
commencement of works
exceeding Rupees 2500
each, the necessity for
which is not foreseen
at the time of the
preparation of the
Annual Estimates or
when supplemental
Grants are applied
for on account of
Budget works upon
which it is found
that a larger sum
than has been allotted
can be profitably
Expended

Expended, the appro-
priations are made
from the Reserve fund,
and much difficulty &
unnecessary delay are
thereby obviated. It
may, however, be urged
that unexpected demands
like these should be
met by transfers from
other allotments; but
I am to state that it is
absolutely impossible, in
most cases, to estimate
at the early part of
the year, with any degree
of

prequisite, when funds
are required for the
commencement of works
exceeding Rupees 2500
each, the necessity for
which is not foreseen
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Grants are applied
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priations are made
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are required for the
commencement of works
exceeding Rupees 2500
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unnecessary delay are
thereby obviated. It
may, however, be urged
that unexpected demands
like these should be
met by transfers from
other allotments; but
I am to state that it is
absolutely impossible, in
most cases, to estimate
at the early part of
the year, with any degree
of

of accuracy the probable outlay upon any Budget work, and that, in most of the Districts of this Presidency, the best work-ing season does not commence before the latter half of the Offi-cial year.

¶ 8 The assignment for Repairs has been fixed at Rupees 24 Lacs or Rupees one Lac & a half the Estimate for the Current year. The re-duction is owing 1st to the sums which were provided in the Estimates for

for the maintenance of roads on account of Extra Establishments having been transferred, under existing Rules, from Part III to Part IV of the Budget, and 2d to the Grants which were heretofore allotted from Imperial funds for the main-tenance of some of the roads at the Presidency having been transferred to the debit of Municipal Funds, in accordance with the wishes of the Government of India, as expressed in

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your letter No 433A dated
12 May 1865

Ref. Adverting to para 5
of the Resolution of the
Government of India of the
28 October last, already
quoted, wherein they ob-
-serve that as the actual
outlay on Repairs in
this Presidency during
1862/63 and the two
following years fell
short of the Budget
allotments, the Grants
under that head might
in future be reduced,
I am to observe that
~~[illegible]~~
~~[illegible]~~
the

5552

the works, and especially
those of irrigation on
which a large proportion of the sums set
aside for the execution
of repairs is required
to be laid out, are so
numerous in this Presidency
and are so scattered as
to make it impossible
for any Officer so to
arrange his operations
as to bring his expendi-
-ture exactly up to the
limits of his assignment
and I am to say that
if the grants were reduced
as proposed by the
Govt of India, to the actual
average outlay on repairs
during the past three
years, the result would
simply be that a large
unexpended balance
of the smaller appropri
-ation would still re-
-main at the end
of the year, and that
even less would be
done to keep the sources
from whence much

of the Revenues of the country is derived in moderately efficient order than can now be effected with the already insufficient allowance for the purpose - It was last year shown how unanimously the Revenue Officers were of opinion that the outlay now annually made on the maintenance and repair of irrigation works throughout this Presidency is utterly inadequate to their requirements, and that a far more liberal treatment of them was essential for their proper conservancy, and the preservation of the handsome returns derived from them - From the very limited assignments which are made from

from year to year to this Presidency the Government can not set aside a larger sum than that which they now propose to allot for irrigation repairs, but they are confident that it is the smallest amount that can be made to suffice, and they are satisfied that could it be increased without too largely trenching on the funds required for absolutely necessary works of Public Improvement, the result would be advantageous to the State and beneficial to the people, whose prosperity

is

is dependent, in a great degree, on the good condition of their tanks and channels.

13-10. Part IV of the Budget amounts to Rupees 18,38,850, of which Rupees 40,556 will be charged to Local Funds. The Establishment is, with but one or two exceptions numerically the same as that which is provided in the estimates for the current year, but its cost exceeds the latter by Rupees 225,850. This excess is attributable to the inclusion in the outgoing

× Rs 36,986 against Rs 3,430, the estimated outlay from Rd Funds & P.W. Office and Rs 3620 against Rs 36200 which is the French provision from Educl. Building Funds, the balance of the assignment being the amount which is not likely to be expended from the Budget allotment for the current year.

5

outgoing Budget of the charges on account of Conservancy Establishments which were not provided for in the Estimates for 1864/65; to the transfer of a large amount from Part III to Part IV on account of Extra Establishments which were heretofore included in the maintenance Grants for roads, but have now to be separately entered in the Budget of Establishments; to the increased outlay which has resulted in the substitution,

substitutions, under the orders of the Government of India, of a daily travelling or mileage allowance for the system of fixed travelling allowances which was in operation until the 31st Augt 1865, and partly to the enhanced cost of the Establishments consequent upon the numbers in the higher grades in each class having been increased in accordance with the orders of the Government of India which were

Communicated

b Crewe

10 561

Communicated in their Circular No 60, dated 23 August last

¶ 11 By these additions and alterations, the outlay on establishments is nominally largely increased, and appears to be at a high proportion to the proposed expenditure under other heads but the Government are satisfied that it cannot be curtailed otherwise than by the exclusion of charges which have hitherto been separately provided for, because the

Executive

executive Establishment as now constituted is not stronger than it is required to be to enable it to undertake the supervision of the numerous and widely dispersed works which are entrusted to its charge - The peculiar circumstances of this Presidency render a larger establishment necessary for the supervision of its public works than would suffice to overlook an equal amount of outlay in other parts of India where the public works expenditure is more concentrated than in Madras; and for this reason the cost of supervision must always be comparatively heavier

heavier here than elsewhere. This cannot be avoided till a larger grant is made to Madras, or till the principle is recognized that the maintenance of works so directly contributing to the Revenue as Tanks and channels should be provided out of their revenues just as the cost of collecting those revenues is met, instead of being charged, as now, to an assignment which, specially intended for the prosecution of works of public improvement from the surplus income of the Country, is utterly inadequate for the purpose when diminished by the withdrawal from it of the cost of repairing

irrigation works, which ought to be treated as self maintaining. If the ten lacs of Rupees which are required to be spent annually in barely keeping these remunerative works in order were charged, as they ought to be, against the Revenue derived from them, or, if the general assignment were increased by that amount, the present yearly grants for this Presidency might then be somewhat commensurate with its real requirements; and, without any addition to the existing establishment, much progress might be made with the numerous new works of all descriptions that are

are urgently called for in all directions & would relieve the Government from much embarrassment in having to turn a deaf ear to the greater number of the representations which are made to them of the pressing wants of the Country, and in having to abstain from undertaking works, which, without fail, would return many fold to the State, and greatly add to the contentment and prosperity of the people. After a few years of enhanced expenditure, the numerous highly promising works of irrigation in this Presidency, which are languishing from

from want of funds
wherewith to carry them
on with reasonable ra-
pidity, as well as such
emergently needed build-
ings as Jails & would
be completed, and the
present rate of year-
ly outlay might
then be reverted to —
without bringing with
it the discouraging
financial difficulties
under which the Public
Works Depart. now la-
bours, and without en-
tailing disappoint-
ment to all ~~[illegible]~~
interested in the
welfare of the Country —

12. So utterly inadequate
are the aggregates of the pre-
sent yearly assignments to
the purpose for which they
are ostensibly made as to
render it quite impossible
for the Government now to
propose a larger appro-
priation out of next years
grant of Rs. 69,00,000 than
the comparatively meagre
sum of Rs. 10,92,634 for
new works of Public Im-
provement of all descriptions
other than Railways, all the
the demands for money to
carry on only the most
useful works of that kind,
during the year for which
provision has now to be
made, are so urgent as
to amount to Rs. 50,43,910
in the requisitions of the
Supdg Engrs, and all the
Government knows in rea-
son to doubt that the
greater

greater part of this large sum could be spent with much advantage, and with every prospect of profit to the State under the management of the Department as at present constituted.

13 The sum which has been allotted for Tools and Plant is Rs. 150,000/- of which Rs. 80,000 are on account of stores not included in the estimates for works which are expected from England as per accompanying Indent, and Rs. 70,000 for Tools and Stores to be purchased in India and for Charges

charges connected with landing, shipping and repairing Machinery, &c.

14- The Budget of State expenditure on Guaranteed Companies amounts to Rs. 2,12,326, as shewn below.

Guaranteed Companies	For Establishments	For Lands	Total	Remarks
Railway Company—	50,554	103,700	154,254	
Mad. Irr: & Canal Comp[y]—	38,072	20,000	58,072	
Total	88,626	123,700	212,326	

15 The Budget of the Consulting Engineer for Railways is the same as that which was submitted with my letter of

of the 23 Nov. last. No. 3558

but fuller details will hereafter be given

of the lands which are pro-

-posed to be taken up for

the several lines of Railway-

The establishment of the

Consulting Engineer for

Railways is subject to such

reductions and modifications

as may be found to be

necessary on the arrival of

Mr. Fulton.

16. The following is a

Statement of the entire Ex-

penditure which is proposed

from Imperial and Educational Building

Funds during the ensuing

Year

Items	Military Civil Wks Imperial	Military Civil Wks Educational Funds	Agricultural Commerce Imperial	Agricultural Commerce Educational Funds	Misc. Pub. Imps. Imperial	Misc. Pub. Imps. Educational Funds	Total Imperial	Total Educational Funds	Grand Total
Part III New Works	717,000	220926 72221	302122	534636	149.50		1809634	72,221	1881855
Grant for minor works	150,000	129,000	215,000	140,000	50,000		684,000		684,000
Part III Repairs	133,000	132471 3525	963454	1144330	267445		2400,000	3525	2403525
Total for new Works & Repairs	1000000	482397 75746	1490576	1838966	91695		4893,634	75,746	4969,380
Part IV Establishments	"	"	"	"	"	"	1798294	3620	1801914
Part V Tools & Plant	"	"	"	"	"	"			150,000
Part VI State Expenditure on Railways	"	"	"	"	"	"			154,254
-do- on works of Madras S.W. Co.	"	"	"	"	"	"			58072
Grand Total									7133,620

* Exclusive of the sum of Rs 36,936 proposed to be charged to District Road Funds

17. The sums which are provided in Appendix C for expenditure from Guaranteed Capital, to the amounts specified 71,49,000 as shown below

Madras, North-East & South-West Railway and the Bangalore branch		60,00,000
Great Southern of India Railway		2,92,000
do - extension to Erode		15,40,000
Madras Irrigation & Canal Company		4,00,000
		82,82,000
Deduct receipts, as returned by the Railway Authorities from sale of Stores, &c. the credited to Capital	10,83,000	
-do Irrigation & Canal Company authorities from - do	80,000	10,83,000
		7149,000

18. A copy of the letter from the Consulting Engineer for the Cauvery Irrigation and Canal Company giving cover this Budget for the ensuing year is herewith forwarded for the information of the Government of India.

by Captain Galton
Mr. Secretary

Stuart St Leger
1st Feby/66

20 Copies of Letter
11 Copies of Budget
31

Dated 1st February/66.
Witth 4 Enclos:

Copy in a letter to England
of 11th April No 18 of 1866.

574

P. W. 1866 Despatch
Pleo. of the Inlgovt
for Feby 1866

No 406

To The Secy to the
Govt of India
Dep 1 Feby 1866

Budget of Public Works
for 1866/67, forwarded to the
Government of India.

No 65

2.177 Jan 1 1866.