

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 448

Press
~~Mis.~~

361.362

Dated

19 - 2 - 1866.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
19th February 1866.*

No. 361. Read the following Proceedings of the Madras Government in the
Public Works Department:—

Passing orders on the Budget Estimates of the } (Here enter 1st February 1866, No. 405.)
Public Works Department for 1866-67.

No. 362. ORDER THEREON, 19th February 1866, No. 448.

Miscellaneous.

Ordered to be recorded.

(True Extract.)

(Signed) J. GROSE,
Acting Under Secretary to Government.

Exd. S. T. Augustin.

*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. 7,723.)
- No. 47. Proceedings of the Board of Revenue.
Do. do. do. | (Here enter 9th December 1865, No. 7,825.)
- 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. do. | (Here enter 25th October 1865.)
- No. 51. From the Superintending Engineer, 3rd Division.
Do. do. do. | (Here enter 22nd November 1865.)
- No. 52. From the Superintending Engineer, 4th Division.
Do. 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. 36.)
- 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. do. | (Here enter 22nd November 1865.)
- No. 57. From the Superintending Engineer, 8th Division.
Do. 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.)

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No. 63. From the Municipal Commissioners.

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

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:—

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.:—

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

† 1860-61 ...	RS.
1861-62 ...	7,71,636
1862-63 ...	4,88,379
1863-64 ...	4,67,275
1864-65 ...	6,10,584
1865-66 ...	8,65,518

† New Works ...	RS.
Reserve ...	7,17,000
Repairs ...	1,50,000
	1,33,000

Total... 10,00,000

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

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

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Works and Repairs under all heads is Rupees 48,93,634. 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
Tinnevely	...	750	1,800	700	...	3,250
Total ...	11,550	9,000	67,400	12,050	...	1,00,000

8 The grant of Rupees 24 lacs for

	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.

ary Establishments which were provided estimates for works, and of such of

* 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.

† Rupees 16,13,000.

Rs. 2,25,850. This excess is chiefly at Budget of a sum of Rupees 82,196 on account of works which were not provided for in the estimate of Rupees 68,835 from Part III. to Part IV. were heretofore provided for in the Main Budget, but have now to be separately entered in the Budget of Establishments. This has resulted in the substitution, under a daily travelling or mileage allowance which was in operation until the 31st August 1865, and lastly to the enhanced cost 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.

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

Repairs has been appropriated as follows :—

9. The allotment* for establishments includes the cost of Extra Temporarily provided for up to the end of 1863-64 in 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.

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 account of Conservancy Establishments which are for the current year; to the transfer of on account of Extra Establishments which are heretofore provided for in the Main Budget, but have now to be separately entered in the Budget of Establishments. This has resulted in the substitution, under a daily travelling or mileage allowance which was in operation until the 31st August 1865, and lastly to the enhanced cost 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.

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

District or Department.	NEW SUPPLIES.					District.			Repairs and carriage from place to place.	Grand Total.
	Surveying and Mathematical Instruments.	Machinery.	Tools.	Plant.	Office furniture.	Number required.	Camp equipage.	Live stock.		
Ganjam	...	...	...	...	...	...	...	...	1,000	1,000
Vizagapatam	...	...	...	...	...	...	...	...	1,000	1,000
Godavery	...	...	...	...	...	...	200	...	2,700	2,700
Kistna	...	...	...	3,000	500	...	500	...	3,000	6,700
Nellore	...	...	500	1,500	300	...	200	...	600	3,400
Cuddapah	...	...	200	150	100	...	...	...	200	850
Kurnool	...	...	250	...	100	...	...	...	350	550
Bellary	...	...	250	...	100	...	...	...	300	650
Presidency	...	...	300	150	150	...	...	...	600	1,000
Madras	...	...	543	...	300	...	...	...	843	500
North Arcot	...	...	200	...	150	...	...	...	350	200
South Arcot	...	...	500	150	100	...	200	...	750	150
Salem	...	...	500	...	200	...	...	...	900	450
Bangalore	...	...	...	...	...	...	200	...	...	...
Tanjore	...	...	300	...	100	...	...	...	600	1,567
Trichinopoly	...	...	500	...	200	...	...	...	700	2,167
Coimbatore	...	...	2,800	...	100	...	450	300	3,650	1,100
Malabar	...	...	2,300	...	300	...	200	...	2,800	4,750
South Canara	...	...	1,000	...	...	...	...	...	1,000	800
Madura	...	...	600	...	270	...	...	...	490	1,490
Tinnevely	...	...	500	300	150	...	300	...	1,170	1,800
Total	...	...	11,243	5,250	3,120	...	2,710	800	23,123	16,877
General Superintendent Public Works Store Department	...	...	...	...	...	will be disposed of.	...	...	...	...
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 for Rupees 72,221 for New Works, Rupees 79,366, viz., Public Works Officers is Rupees 3,525 for Repairs, and Rupees 3,620 for Establishments. The District Road Fund on the 18th January, will be separately Budget, which reached the Government only 2 days ago.

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.

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pleted during the current year. The sum which has been allotted from *Imperial* Funds for unfinished works is Rupees 1,5,06,709, 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
Taluq 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	22,951
Irrigation Works	3,02,122
Communications including Canals for the conveyance of Salt	5,54,636
Works classed under Miscellaneous Public Improvement	14,950

*By the Inspector General of Police.

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.

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:—

	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 9,63,451. The sum which

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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 requiring repair.	Amount applied for by Board of Revenue.	Amount allotted.	Remarks.
			RS.	RS.	
Ganjam ...	2,780	401	30,795	14,600	
Vizagapatam ...	290	192	1,93,079	1,30,000	
Godavery ...	1,477	234	38,326	1,13,000	
Kistna ...	982	449	2,07,000	40,800	
Nellore ...	2,814	242	85,609	32,500	
Cuddapah ...	403	123	35,000	20,500	
Kurnool ...	2,237	234	1,34,748	64,700	
Bellary ...	...	...	...	2,000	
Presidency ...	2,161	1,040	2,63,676	89,136	
Madras ...	3,677	789	65,000	60,210	
North Arcot...	4,999	1,277	2,88,823	60,000	
South Arcot...	2,744	1,067	1,83,172	20,500	
Salem ...	...	...	...	...	
Bangalore ...	3,901	1,293	2,06,773	1,14,000	
Tanjore ...	1,477	313	51,541	65,389	
Trichinopoly	384	169	1,22,111	36,000	
Coimbatore...	2	2	2,500	1,350	
Malabar ...	...	...	...	...	
South Canara	2,507	188	72,160	34,291	
Madura ...	2,477	437	1,23,400	58,445	
Tinnevely ...	...	...	...	...	
Total ...	35,312	8,455	20,96,723	9,63,451	

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.

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.

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

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

23. CUDDAPAIL.—*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.

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 Ravclins 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. 3,583, 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 Calastray.*—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.*—

28th August 1865, No. 2,492.

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.

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."

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

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

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

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.

34. TANJORE.—*Improvements 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

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.

52. *Maintenance of road from Pallipat 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.

55. SOUTH ARCOT.—The Superintending Engineer of the 5th Division applies for Rupees 7,100 for the road from *Tindivanam to the Salem frontier via Thannamallay* 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. 3,482, 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. TINNIVELLY.—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.

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 Taluq 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 Work.	Minor works estimated to cost less than 500 Rupees.	Repairs.	Tools and Plant.	Total.
	RS.	RS.	RS.	RS.	RS.
Ganjam ...	65,48	4,000	67,287	1,000	1,37,719
Vizagapatam ...	58,57	3,000	59,827	1,000	1,22,406
Godavery ...	1,89,53	5,000	1,83,011	2,700	3,82,298
Kistna... ..	1,49,43	6,000	1,52,651	6,700	3,14,802
Nellore ...	67,49	6,500	93,630	3,400	1,71,021
Cuddapah ...	1,00	3,000	1,11,732	850	1,16,582
Kurnool ...	62,98	3,000	60,089	550	63,630
Bellary ...	1,30,48	4,000	1,60,213	650	2,28,873
Presidency ...	21,63	7,500	63,314	1,000	2,07,804
Madras... ..	32,10	6,500	2,21,621	1,313	2,52,149
North Arcot ...	12,00	7,000	1,36,470	550	1,75,630
South Arcot ...	4,20	3,000	1,30,466	900	1,50,366
Salem ...	2,76,60	4,000	87,968	1,350	96,538
Bangalore ...	53,90	10,000	21,500	.....	3,05,150
Tanjore ...	26,60	8,000	2,06,827	2,167	2,72,904
Trichinopoly ...	3,18,50	3,000	1,30,210	700	1,65,540
Coimbatore ...	3,17,00	3,000	1,28,328	4,750	4,51,468
Malabar ...	25,00	2,000	96,589	3,600	4,20,209
South Canara ...	34,20	3,250	45,370	1,490	74,810
Madura... ..	25,00	3,250	1,01,216	2,970	1,41,696
Tinnevely ...	25,00	3,250	1,30,929	2,330	1,61,509
Municipal Commissioners	.....	.....	9,246	.....	9,246
General Superintendent, Public Works Stores and Workshops.	.....	.....	.....	30,000	30,000
Total ...	18,81,865	1,00,000	24,03,523	70,000	44,55,380

65. The Superintending Engineer 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, 20, 21, 22, 23, 25, 28, 32, 33, 36, 50, 51, 54, 55, 56, 57, 59 and 60, of Part II. of Budget and Maintenance Grants to which marginally noted until the estimates shall have received the sanction of Government.

PART VI.—BUDGET OF STATE GUARANTEED 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 Company are as follows. The outlay in addition to the grant of Rupees 69 lakhs for Public Works:—

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 ...	28,072	20,000	58,072	
Total ...	88,626	1,23,700	2,12,326	

67. Under the explanations which are afforded by the Consulting Engineers, these entries will be allowed to stand. The Budget of Establishments for the Company is the same as that which was conditionally passed in November 1865, No. 3,557, a copy of which will now be placed before the 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.	Imperial.	Imperial.	Imperial.	Imperial.	RS.	RS.	RS.
Part II.—New Works.	7,17,000	2,20,926	3,02,122	5,54,636	14,950	18,09,634	72,321	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	9,03,454	11,44,330	26,745	24,00,000	3,523	24,03,523
Total for New Works and Repairs...	10,00,000	4,82,397	14,80,576	18,38,966	91,695	48,93,634	75,746	49,69,380
Part IV.—Establishments	.....	.....	.....	.....	.....	.....	.....	.....
Part V.—Tools and Plant	.....	.....	.....	.....	.....	.....	.....	.....
Part VI.—State Expenditure on Railways ...	.....	.....	.....	.....	.....	.....	.....	.....
Do. on works of Madras Irrigation and Canal Company ...	.....	.....	.....	.....	.....	.....	.....	.....
Grand Total ...	.....	.....	.....	.....	.....	17,98,291	3,620	18,01,914
	.....	.....	.....	.....	.....	.....	.....	1,50,000
	.....	.....	.....	.....	.....	.....	.....	1,54,254
	.....	.....	.....	.....	.....	.....	.....	58,072
	.....	.....	.....	.....	.....	.....	.....	71,33,620

* Exclusive of the sum of Rupees 26,000 proposed to be charged to District Road Funds.

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

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

Madras, North-West and South-West Railway and the Bangalore branch	RS. 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
	<u>82,32,000</u>

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.)

Colonel R. E.

Colonel, R. E.,
Secretary to Government.

To the Superintending Engineers.

- .. Controller of Public Works Accounts, with G. O. No. 3,557 of 1865.
- .. 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.

With letter to the Govt of India.

Exd. J. Wright.

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

Works.	Amount allotted.
NEW WORKS.	Rs.
<i>Ganjam.</i>	
Zillah School, Berhampore	4,000
Anglo Vernacular School, Chicacole	\$3,129
<i>Vizagapatam.</i>	
Petta Ghât road	5,000
Construction of roads and the clearing of jungle in the Jeypore country	10,000
Anglo Vernacular School, Bimlipatam	\$2,126
<i>Bellary.</i>	
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 Swimming 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
<i>Presidency.</i>	
Laying on water supply to the Bath-rooms of the Bandmen 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
<i>Madras.</i>	
Constructing Wash-houses, Urinary and separate Lavatories	\$10,585
Do. a Bath room and Lavatory	\$2,800
Anglo Vernacular School, Mylapoor	\$500
<i>North Arcot.</i>	
Zillah School, Chittoor	\$5,000
<i>South Arcot.</i>	
Zillah School, Cuddalore	\$5,000
<i>Salem.</i>	
Anglo Vernacular School, Tripattour	\$1,000
<i>Bangalore.</i>	
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
<i>Tanjore.</i>	
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.	30,000

Works.	Amount allotted.
NEW WORKS.—(Concluded.)	Rs.
<i>Trichinopoly.</i>	
Removing the Artillery and Cockaye Tope Patches	\$4,600
Normal School, Trichinopoly	\$5,000
<i>Coimbatore.</i>	
Constructing Military Prison. Revised estimate	\$15,000
Lawrence Asylum	1,47,740
Taluk Cutcherry. Revised estimate	9,000
Central Jail. Revised estimate	50,000
<i>Malabar.</i>	
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 via 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
<i>South Canara.</i>	
Bridge work on the road to connect Mangalore and Cannanore by Vitla and Hoss Droog	10,000
Provincial School, Mangalore	\$8,000
REPAIRS.	
<i>Vizagapatam.</i>	
Maintaining a portion of Jeypore road via Sroongavarapocotta and Kassipoor from Vizagapatam 25 miles. Extra provision	\$1,000
<i>Kistna.</i>	
Keeping in good order the Salt road from Inkoale to Chinnaganjam	\$800
Do. do. from Gudivada to Bantomilly	\$1,600
<i>Nellore.</i>	
Road from Goodoor to Doogarazpatam	\$1,600
<i>Madras.</i>	
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
<i>North Arcot.</i>	
Road from Pallipett to Kotarlapally	\$700
<i>South Arcot.</i>	
Road from Tindivanam to Salem frontier via Trinomalay. Extra provision	\$300
<i>Salem.</i>	
Road from Salem to Senkeridroog. Extra provision	\$100
<i>Tinnevelly.</i>	
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.

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,

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 1,51,251.

ACCOUNT, No. 65.

PART II.—NEW WORKS.										PART III.—REPAIRS.														
Type.	Military.		Civil Build-ings.		Agricultural.		Communica-tions.		Miscellaneous Public Im-provements.		Total.	Military.	Civil Build-ings.	Agricultural.	Communica-tions.	Miscellaneous Public Im-provements.	Total.	Estab-lish-ments.	Feckland, Plant.	PART VI.		Total.		
	No. of Works.	Allo-tment.	No. of Works.	Allo-tment.	No. of Works.	Allo-tment.	No. of Works.	Allo-tment.	No. of Works.	Allo-tment.										State ex-pendi-ture on M. I. and Railways.	State ex-pendi-ture on M. I. and Railways.			
Imperial	37	7,17,000	23	2,20,926	21	3,02,122	53	5,31,635	3	14,950	143	18,02,631	1,33,000	1,32,471	9,63,451	11,44,329	20,742	21,00,809	17,98,291	1,30,000	23,072	1,51,231	63,70,251	
Do. Re-serve	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6,81,000
Educational	—	—	12	72,221	—	—	—	—	—	—	12	72,221	—	—	—	—	—	—	—	—	—	—	—	79,362
Total	37	7,17,000	40	2,93,147	21	3,02,122	53	5,31,635	3	14,950	157	23,65,853	1,33,000	1,33,926	9,63,451	11,44,329	20,742	21,03,525	18,91,911	1,30,000	23,072	1,51,231	71,33,625	

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 out-going 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 15,06,709 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.

Allocation	Military				Civil Buildings				Agricultural				Communications				Miscellaneous Public Improvements				Total				Grand Total	
	Incomplete works	Works not yet commenced	Total	Number	Incomplete works	Works not yet commenced	Total	Number	Incomplete works	Works not yet commenced	Total	Number	Incomplete works	Works not yet commenced	Total	Number	Incomplete works	Works not yet commenced	Total	Number	Incomplete works	Works not yet commenced	Total	Number	Amount	Rs.
Imperial	9,434,173	1,82,415	9,616,588	11	40,100	40,100	40,100	1	21,302,122	21,302,122	21,302,122	3	3,51,630	3,51,630	3,51,630	3	11,920	11,920	11,920	3	15,000	15,000	15,000	103	15,06,700	15,06,700
Municipal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	9,434,173	1,82,415	9,616,588	11	40,100	40,100	40,100	1	21,302,122	21,302,122	21,302,122	3	3,51,630	3,51,630	3,51,630	3	11,920	11,920	11,920	3	15,000	15,000	15,000	103	15,06,700	15,06,700
Total	9,434,173	1,82,415	9,616,588	11	40,100	40,100	40,100	1	21,302,122	21,302,122	21,302,122	3	3,51,630	3,51,630	3,51,630	3	11,920	11,920	11,920	3	15,000	15,000	15,000	103	15,06,700	15,06,700
Imperial	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Municipal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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 21 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

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.

* Rupees 35,936 against Rupees 3,62,360, the estimated outlay from District Road Funds by Public Works Officers, and Rupees 3,620 against Rupees 34,200 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. 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.

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.	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.		
Part II. New Works	7,17,000	...	...	...	...	...	...	18,00,000	72,221	18,81,855
Grant for Minor Works	1,50,000	...	...	...	...	...	...	6,84,000	...	6,84,000
Part III. Repairs	1,33,000	...	...	...	...	...	...	24,00,000	3,525	24,03,525
Total for New Works and Repairs	10,00,000	...	...	...	...	...	91,695	48,93,031	75,746	49,68,380
Part IV. Establishments.	...	...	...	...	...	...	...	17,58,224	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...	...	...	...	...	...	...	...	...	...	71,83,620

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

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 Erode ...	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.

Erd. S. T. Augustin.

Handwritten notes and signatures:
 18/10/1904
 S. T. Augustin
 18/10/1904
 S. T. Augustin
 18/10/1904
 S. T. Augustin

14 March/65 No. 2045

1900 = 1866.
Proc. of Govt. Secy

No. 437.

Proceedings of the
Madras Govt. in the
P. W. Department.

(Noted 1st July/66.
Received 9th July/66.

No. 405.

14/3/67
90
Laying orders on
the Budget Estimates of
the P. W. Department for
1866/67.

No. 408.

RECEIVED.

J. D. S.

19th July

No. 361 & 362.