

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2225	Press	<i>Enger</i>
B.P. No.		Mis.	
Dated	2 . 8 .	195	18/5

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
2nd August 1875.*

No. 11. Read the following letter from Captain J. L. L. MORANT, R.E., District Engineer, Nilgiris, to Lieutenant-Colonel J. MULLINS, R.E., Officiating Chief Engineer, Public Works Department, dated Ootacamund, 27th July 1875, No. 219:—

I HAVE the honor to forward, for sanction, a plan and estimate for constructing a latrine for the use of the Commissariat Office at Wellington and for adding a door to the existing latrine.

2. It has received the approval of His Excellency the Commander-in-Chief.

IMPERIAL—MILITARY—MINOR NEW WORKS.

ABSTRACT ESTIMATE No. 27 of 1875-76.

Nilgiri District.

WORK.—Cost of constructing a Latrine for the use of the Assistant Commissary-General at Wellington, and for fixing a door and white-washing the existing latrine for the use of the Non-Commissioned Officers at the Commissariat Stores at Wellington.

Quantity.	Particulars.	Rate.	Per	Amount.	Total.
		RS. A. P.		RS. A. P.	RS. A. P.
192½	Cubic feet of brick in chunam.	40 0 0	100 C. ft.	76 14 4	
4	Squares of plastering ...	10 0 0	Square.	40 0 0	
4	Do. of whitewashing ...	0 14 0	"	3 8 0	
3	Cubic feet of teakwood wrought and put up ...	4 0 0	C. feet.	12 0 0	
16½	Square feet of batten door ...	1 8 0	Sq. "	24 6 0	
5½	Cubic yards of earthwork ...	0 4 0	C. yards.	1 5 4	
16	Squares of whitewashing existing latrine ...	0 14 0	Square.	14 0 0	
13½	Square feet of door, &c., for do.	1 8 0	Sq. feet.	20 4 0	
4	8 feet sheets corrugated iron for proposed latrine ...	5 0 0	Each.	20 0 0	
6	2½ feet long iron bolts, &c. ...	0 12 0	"	4 8 0	
12	6 inches long iron bolts, &c. ...	0 4 0	"	3 0 0	
	Sundries ...	...	...	219 13 8	
				20 2 4	
	Total Estimate ...	...	...		240 0 0

(Signed) J. L. L. MORANT, Captain, R.E.,
District Engineer.

(") C. H. COOKES, Lieutenant-Colonel,
Commandant, Depot Wellington.

No. 12. ORDER THEREON, 2nd August 1875, No. 2,225.

MILITARY WORKS, No. 1.

SANCTIONED from funds at the District Engineer's disposal under Minor New Works, Military.

(True Extract.)

Major, R.E.,

Offg. Joint Secretary to Government.

To the District Engineer, Nilgiris. ✓

" Controller of Public Works Accounts. ✓

" Military Department. ✓

Exd. S. T. Austin.

Spare Copies

*Proceedings of the Madras Government, Public Works Department,
2nd August 1875.*

15. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Lieutenant-Colonel J. MULLINS, R.E., Officiating Secretary to Government, Public Works Department, dated Madras, 29th July 1875, No. 423 :—

1870, I have
ia, a review
Madras and
vised Form
A. G. R., of

Indian Railways with the Budget

te by Rupees
 per cent. In
 enue Account.
 expenses tends
 ate of transfer
 d occurred in
 at months by

29.

1,829

2,876

705

of the Budget
Rupees 14,693
by explanation.
establishments,

034.

RS.

10,121

...
06644

44,531

22,000.
...

Total ...	10,38,892	13,06,000	...	2,67,108
-----------	-----------	-----------	-----	----------

P. M. 1895 Sept.
From. No: 5049
The District Engineer
Tellicherry

The Chief Engineer
of the Navy
P. O. Dept.
No. 219

Dated 27th & 29 July 1875
 Received of
 Need
 Subject

Towards a Plan &
 Estimate for Con-
 structing a Latrine
 at the Commisariat
 Office & for adding
 a door to the existing
 Latrine, at Wellington,
 for sanction.
 With order

No. 2225.

Index No. 110

50-

W. L. Ladd may now be
 furnished from guest at the
 District Engineer's Hospital, under his
 New York Military.

22 Aug 75



154-12

658. Philodromus 4000-4200 ft. 7/1
 Centi: 4000-4200 ft.
 659. Philodromus 4000-4200 ft. 7/1

1. Polina S
24-8-74

Cii-80.7.78 W
Lent 30 July

Proceedings of the Madras Government, Public Works Department,
2nd August 1875.

No. 15. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Lieutenant-Colonel J. MULLINS, R.E., Officiating Secretary to Government, Public Works Department, dated Madras, 29th July 1875, No. 423 :—

As directed in the Order of Government, No. 66, of the 7th January 1870, I have the honor to enclose, herewith, for transmission to the Government of India, a review by the Examiner of Railway Accounts of the financial operations of the Madras and South Indian Railways during the official years 1874-75, together with revised Form XXII. prescribed in Resolution (Public Works Department), No. 194-200 A. G. R., of the 10th April 1874.

Report upon the Statements of the Indian Transactions of the Madras and South Indian Railways with the Government Treasury, during the official year 1874-75, as compared with the Budget and Regular Estimates.

MADRAS RAILWAY.

CAPITAL ACCOUNT.

Payments into Treasury.—The “actuals” have exceeded the Budget Estimate by Rupees 2,55,184, or 17.01 per cent., and the Regular Estimate by Rupees 1,60,184, or 10.04 per cent. In both cases the divergence is due to the increased consumption of stores upon Revenue Account. All stores are purchased from Capital moneys, and an increase in the working expenses tends directly to augment the refunds to Treasury on Capital Account. The Regular Estimate of transfer credits was based on eight months’ actuals. The following special items of refund occurred in the last quarter, and the ordinary refunds exceeded the average of the first eight months by Rupees 30,000 per mensem.

	RS.
Received from Government on account of Miscellaneous Surveys, Public Works Department, No. 114 A. G. R., dated 15th April 1875, G. O., No. 1,177, dated 29th April 1875	29,629
Received from Revenue Account on account of payment in England of leave allowances to certain officers	12,876
Total	42,705

2. *Withdrawals from Treasury.*—The withdrawals from Treasury fell short of the Budget Estimate by Rupees 2,50,693, or 19.19 per cent., and of the Regular Estimate by Rupees 14,693 or 1.37 per cent. The discrepancy in the latter case does not appear to call for any explanation. The following table exhibits in abstract the expenditure of the year on works, establishments, and stores in comparison with the Budget Estimate :—

Departments.	Outlay.	Budget Grant.	Mora.	Less.
	RS.	RS.	RS.	RS.
Engineer's Department...	2,11,313	5,21,434	...	3,10,121
Locomotive do. ...	21,827	10,500	14,327	...
Carriage and Wagon Department ...	17,422	1,14,066	...	96,644
Establishments ...	40,469	85,000	...	44,531
Stores ...	7,44,861	5,75,000	1,69,861	...
Total ...	10,38,892	13,06,000	...	2,67,108

Code 1875/ Madras.
PUBLIC WORKS.

J. H. M. Shaw-Stewart
J. Mullins

2 Aug 1875

No. 11-12

Latrine for the use of the
Commissionariat Office at
Killington & for adding
a door to the existing
Latrine. The Estimate
amounting to Rs 210 for
Constructing a - Sanitary
pan. found at the 8th Regt
Hospital under bond.

New Fort, Military.

*Proceedings of the Madras Government, Public Works Department,
2nd August 1875.*

3. *Engineer's Department.*—The short outlay in the Engineering Department is explained below. The following works for which provision was made in the Budget Estimate were not undertaken during the year:—

Name of Work.	Budget Allotment. RS.
New Smithy at Perambore	36,000
Brass and Iron Foundry and Tank at Perambore	30,000
Making up ground for above two works	5,500
Loading gauges for stations	9,679
Thirty houses for Native Firemen at Jollariett	5,612
Refreshment-room at Tirupatty	6,363
Do. at Cuddayah	5,557
Do. at Ghooty	5,557
Total ...	1,04,268

The provision in the Budget Estimate for the under-noted works was in excess of the outlay to the extent shown against each:—

Name of Work.	Excess Provision. RS.
Neilgherry branch Line	17,027
Protective works at the Palar, Poiney, Gooriatum, and Naggery Bridges	1,57,193
Huggry Bridge... ..	9,918
Doubling line between Veysaurpandy Junction and Perambore	1,840
Shed over goods platform at Vellore	910
Additional Guards' Barracks at Salem	3,731
Sidings at Jollari et	1,122
Total ...	1,91,741

On the other hand the following works were undertaken for which provision was not specially made in the Budget Estimate, but for which funds were provided from the allotment of Rupees 37,004 for unforeseen requirements and by re-appropriations of credits:—

Name of Work.	Expenditure. RS.
Bridge at 105th mile, South-West Line	5,898
Do. 123rd do. do.	9,900
New Cheyaur Bridge (portion chargeable to capital)	2,044
Doubling line between Salt Cotaurs and New Central Station, Madras	693
New drain at Royapooram	2,449
Horse platform and carriage dock at Mettapollium	1,199
Resident Engineer's Bungalow at Ghooty	2,361
Signaller's Office at Royapooram	669
Third-class waiting-room and front verandah at Erode	2,513
Upper story at Erode	5,338
Lay-bye at Caramady	1,003
Additional water-supply at Adoni	773
Addition to third-class waiting-room at Coimbatore... ..	1,947
Alterations and additions to Permanent-way at New Central Station, Madras	708

*Proceedings of the Madras Government, Public Works Department,
2nd August 1875.*

Name of Work.	Expenditure. RS.
Extension of passenger platform and alterations and additions to Permanent-way at Arcenium	1,364
Five-ton crane at Gooriatum	401
Fuel-keeper's Bungalow at Coodoor	552
Porters' huts at Avenashy	1,863
Station Master's Bungalow at Bellary	2,539
Diversion Channel at 239th mile, North-West Line... ..	2,748
Total ...	46,972

The expenditure of the year exceeded the provision in one instance. *

	RS.
Madras Central Station	426

There was a saving on the minor works grant of Rupees 24,506.

4. *Locomotive Department.*—The excess over the Budget grant is due to the purchase of two locomotives in this country instead of their being obtained from England; the outlay upon which in the year was Rupees 23,616. The balance, Rupees 1,211, was expended upon cow-catchers.

5. *Carriage and Wagon Department.*—The following works entered in the Budget Estimate were not undertaken:—

Name of Work.	Budget Allotment. RS.
Six iron goods brake-vans	7,200
Conversion of 20 open-sided into covered goods wagons	11,043
Total ...	18,243

The outlay fell short of the provision for the following works:—

Name of Work.	Excess Provision. RS.
Fitting sun-shades to 290 second-class composite and third-class carriages	2,138
Fitting 2,890 wagons with axle box oil-keeps	6,778
Erecting four double Saloon first-class night carriages... ..	8,079
Minor works	67,263
Less— Excess over provision for certain works	5,862
Total ...	78,401

6. *Establishments.*—The decrease in the charge for establishments is consequent upon the diminution of the expenditure upon works. The charge for establishments is made at the percentage rates sanctioned in G. O., No. 2,609, dated 6th November 1872.

7. *Stores.*—Although the purchase of stores exceeded the Budget Estimate by Rs. 1,60,861, the balance of the stores (suspense) account has been reduced during the year from Rs. 36,36,350 to Rupees 34,10,231.

REVENUE ACCOUNT.

8. The net payments into Treasury in the year are Rupees 6,79,509, or 26.13 per cent. less than the Budget, and Rupees 79,509, or 3.97 per cent. less than the Regular Estimate.

9. *Payments into Treasury.*—The payments into Treasury have fallen short of the Budget Estimate by Rupees 4,12,388, or 6.25 per cent., and have exceeded the Regular Estimate by Rupees 58,612, or 0.95 per cent.

10. The decrease, as compared with the Budget Estimate, is attributable to the breaks in the line consequent upon the excessive floods of last year. The actual earnings from passengers, goods, &c., during 1874-75, compare as follows with the Budget Estimate:—

*Proceedings of the Madras Government, Public Works Department,
2nd August 1875.*

Heads.	Actuals.	Budget Estimate.	More.	Less.
Coaching	Rs. 24,25,135	Rs. 25,00,000	Rs. ...	Rs. 74,865
Goods	32,93,343	37,00,000	...	4,06,657
Telegraph	23,017	16,000	7,017	...
Sundries	1,78,056	2,30,000	...	51,944
Total	59,19,551	64,46,000	...	5,26,449

11. The increase, as compared with the Regular Estimate, is due to the payments into Treasury, exclusive of credits, in March having exceeded the estimate by Rupees 65,495, and to the transfer credits of December to March having fallen short of the estimate by Rupees 7,883. An improvement in March in the payments into Treasury of Rupees 34,500 over the average for the previous eleven months and of Rupees 19,500 over the average for the previous three months was calculated upon, but the result proved more favorable.

12. *Withdrawals from Treasury.*—The actuals exceed the Budget Estimate by Rs. 2,67,121, or 6.68 per cent., and the Regular Estimate by Rupees 1,38,121, or 3.35 per cent.

13. The actual expenditure of the year compares as follows with the amount passed in the Budget orders:—

Heads of Service.	Expenditure.	Budget Grant.	More.	Less.
Maintenance of way, works, and stations	Rs. 13,29,724	Rs. 10,46,467	Rs. 2,83,257	Rs. ...
Locomotive expenses	13,28,386	12,81,540	46,846	...
Carriage and wagon expenses	2,52,037	2,98,860	...	46,823
Traffic expenses	5,98,840	5,75,000	23,840	...
General charges	3,93,929	4,28,942	...	35,013
Special and Miscellaneous	69,762	1,04,191	...	34,429
Total	39,72,678	37,35,000	2,37,678	...

The large increase in the expenditure on way and works is owing to the extensive repairs and renewals of bridges, &c., in progress, and the rise in locomotive expenses is due to increased cost of repairs and of fuel. The estimate of traffic expenses appears to have been low.

14. The "actuals" exceed the Regular Estimate by Rupees 1,38,121, owing to the transfer debits from December to March having exceeded the estimate by this sum.

SPECIAL FUNDS ACCOUNT.

15. *Special Funds.*—No estimate was framed of the receipts and payments on account of Special Funds. The Company only commenced depositing the assets of these funds in the Government Treasury in March last.

SOUTH INDIAN RAILWAY.

CAPITAL ACCOUNT.

16. *Payments into Treasury.*—The "actuals" show an increase compared with the Budget Estimate of Rupees 65,310, or 19.91 per cent., which is due to receipts for spare material sold to the Nizam's State Railway, and a deficiency compared with the Regular Estimate of Rupees 6,690 which is owing to the stores consumed by Revenue having been less in the closing months of the year than was expected.

17. *Withdrawals from Treasury.*—The "actuals" fell short of the Budget Estimate by Rupees 22,77,000, or 52.03 per cent., and of the Regular Estimate by Rs 49,900, or 2.32 per cent.

*Proceedings of the Madras Government, Public Works Department,
2nd August 1875.*

18. Under the Engineering Department, the Locomotive Department, and Establishments the expenditure was Rupees 24,08,500, Rupees 1,67,888, and Rupees 1,68,575 respectively less than the estimate; but the expenditure in the purchase of stores exceeded the provision by Rupees 2,56,213.

19. Of the short outlay in the Engineering Department, Rupees 13,05,994 was on the Southern and Rupees 11,02,506 on the Northern Extension. Special causes account to some extent for this, but a large portion is doubtless to be attributed to too sanguine a view of the year's operations having been taken when the Budget Estimate was framed.

On the Southern Extension the provision contemplated the completion of the line in the year. In the case of earthwork this work was practically finished. It would seem probable that there will be a saving under "tools and plant" and earthwork.

On the Northern Extension the heavy rains and floods during the year retarded the progress of work on the line from Madras to Cuddalore. For the line from Cuddalore to Tanjore sanction was not obtained until February 1875, and, though a preliminary sanction of Rupees 1,00,000 was accorded for the collection of material, much was not done in this way, and up to the end of the year only Rupees 25,050 had been spent against a grant of Rupees 4,50,000.

20. The short outlay in the Locomotive Department is ascribed to the late arrival of the rolling stock in India.

21. A saving in the Engineering Department constitutes the greater part of the difference under "establishments," and is attributable in a large measure to the construction work not having been so extensive as was anticipated.

22. A quantity of material, such as timber, &c., purchased by the Engineering Department for use on construction, which is included in the estimates under Indian expenditure, is passed through the store accounts, and the excess on the provision for the purchase of stores may, in a measure, be regarded as a reduction of the short outlay on works.

23. The following statement exhibits the expenditure under the principal heads, as recorded during the year compared with the Budget Estimate:—

Heads of Account.	Expenditure.	Budget Allotment.	More.	Less.	Remarks.
ENGINEERING DEPT.	RS.	RS.	RS.	RS.	
SOUTHERN EXTENSION.					
SCHEDULE A.					
<i>Construction of Line.</i>					
Earthwork	1,20,462	2,28,773	...	1,08,311	
Minor bridges	67,518	1,97,597	...	1,30,079	
Large do.	80,706	2,66,034	...	1,85,328	
Level-crossings, &c.	17,434	78,188	...	60,754	
Fencing	44,710	8,199	36,511	...	
<i>Ballast and Permanent-way.</i>					
Ballasting	46,475	1,68,989	...	1,22,514	} Due to delay in completion of line.
Permanent-way	1,05,277	3,70,133	...	2,64,856	
<i>Station and Buildings.</i>					
Stations	96,751	4,05,902	...	2,55,999	} Works not put in hand till late.
Workshops	30,612				
Staff quarters	8,135				
Station machinery	14,405				
Telegraph	501	...	501	...	
<i>Plant.</i>					
Tools and Plant	3,200	64,033	...	60,833	} Owing to non-completion of the line.
Station and Office furniture.	5	68,337	...	68,332	
Maintenance	...	86,000	...	86,000	
	6,36,191	19,42,185	...	13,05,994	

*Proceedings of the Madras Government, Public Works Department,
2nd August 1875.*

Heads of Account.	Expenditure.	Budget Allotment.	More.	Less.	Remarks.
NORTHERN EXTENSION.	RS.	RS.	RS.	RS.	
<i>Construction of Line.</i>					
Earthwork	1,36,555	2,25,000	...	88,445	
Minor Bridges	58,239	84,860	...	26,621	
Large do.	40,127	2,44,300	...	2,04,173	
Level-crossings, &c. ...	2,339	36,520	...	34,181	
Fencing	8,720	12,000	...	3,280	
<i>Ballast & Permanent-way.</i>					
Ballasting	7,103	20,000	...	12,897	
Permanent-way	14,239	1,00,000	...	85,761	
<i>Stations and Buildings.</i>					
Stations	20,378	1,99,300	...	1,78,922	Due partly to delay in determining design for passenger station at Madras.
Work-shops	7	14,250	...	5,668	
Staff quarters	8,575	...	...	...	
Telegraph	3,218	...	3,218	...	
<i>Plant.</i>					
Engineering	2,402	13,333	...	10,931	
Station & Office furniture ...	105	...	105	...	
Contingencies	...	30,000	...	30,000	
	3,02,007	9,79,563	...	6,77,556	
<i>Works to be sanctioned.</i>					
Cuddalore to Tanjore ...	25,050	4,50,000	...	4,24,950	Sanction for this section not received till Feb. 1875.
Total Engineering Department ...	9,63,248	33,71,748	...	24,08,500	
LOCOMOTIVE DEPT.					
<i>Rolling Stock.</i>					
Southern Extension	32,112	1,00,000	...	1,67,888	Late arrival of Rolling Stock in India.
Northern do.	32,112	1,00,000	...	1,67,888	
	32,112	2,00,000	...	1,67,888	
<i>Establishments.</i>					
Agent	25,176	...	...	...	
Audit and Accounts	18,655	61,380	...	5,085	
Stores	12,464	...	...	...	
Engineering	3,93,387	5,30,102	...	1,36,715	
Locomotive	3,171	26,966	...	23,795	
Medical	15,680	18,660	...	2,980	
	4,68,533	6,37,108	...	1,68,575	
<i>Stores.</i>					
Timber	...	1,50,000	...	...	Insufficient provision; a large quantity of material purchased by engineering for construction and included in estimate as Indian expenditure has passed through the Store Accounts.
Fuel	...	90,000	...	...	
Oil	...	8,000	...	...	
Landing Charges & Freight ...	6,43,213	12,000	2,56,213	...	
Stationery	...	8,000	...	...	
Miscellaneous	...	1,19,000	...	...	
	6,43,213	3,87,000	2,56,213	...	
Grand Total ...	21,07,106	45,95,856	...	24,88,750	

*Proceedings of the Madras Government, Public Works Department,
2nd August 1875.*

24. The divergence, as compared with the Regular Estimate, is due to the amount of cheques cashed at District Treasuries during March having fallen short of the estimate.

REVENUE ACCOUNT.

25. The net payments into Treasury during the year amount to Rupees 40,984, or 11.31 per cent. in excess of the Budget Estimate, and to Rupees 3,384, or 0.84 per cent. in excess of the Regular Estimate.

26. *Payments into Treasury.*—The "actuals" are Rupees 1,01,770, or 10.36 per cent. more than the Budget Estimate, and Rupees 16,231, or 1.47 per cent. less than the Regular Estimate. The large discrepancy, compared with the Budget Estimate, is explained by transactions in connection with foreign traffic. The transactions with Treasury on Revenue Account include the recovery and adjustment of proportions of freight due to foreign Companies. These were allowed for in the estimates as submitted by the local Government, but the Financial Estimates passed in the Budget orders were almost identical with the Administrative Estimates.

27. The earnings for the year compare below favorably with the Administrative Budget, having amounted to Rupees 9,74,009 against an estimate of Rupees 9,79,000. The difference being only Rupees 4,991, or 0.5 per cent. :—

Heads.	Actuals.	Budget Estimate.	More.	Less.
	RS.	RS.	RS.	RS.
Coaching	5,38,024	5,11,000	27,024	...
Goods	4,09,364	4,25,200	...	15,836
Telegraph	6,133	6,100	35	...
Sundries	20,486	36,700	...	16,214
	9,74,009	9,79,000	...	4,991

28. *Withdrawals from Treasury.*—The result is an excess of Rupees 60,785, or 9.81 per cent. compared with the Budget Estimate, and a decrease of Rupees 19,615, or 2.8 per cent. compared with the Regular Estimate.

29. Allowing for the adjustments of through traffic which, as explained above, were not provided for in the estimate, the withdrawals are less than the Budget Estimate, there having been a saving on the estimate of working expenses as shown below by the comparison of the expenditure with the Administrative Budget Estimate :—

Heads of Service.	Expenditure.	Budget Allotment.	More.	Less.
	RS.	RS.	RS.	RS.
Maintenance of way and works ..	1,09,205	1,53,900	...	44,695
Locomotive expenses	2,50,167	2,45,600	4,567	...
Carriage and wagon expenses ...	50,336	50,750	...	414
Traffic expenses	87,176	97,060	...	9,884
General charges	56,426	55,790	636	...
Special and Miscellaneous Expenditure ...	7,703	15,200	...	7,497
Total ...	5,61,013	6,18,300	...	57,287

Of the difference under maintenance of way and works, Rupees 39,743 occurs under the head of renewal of permanent-way, and is owing to its having been found on taking up portions of the line that the renewals necessary were not so extensive as estimated.

*Proceedings of the Madras Government, Public Works Department,
2nd August 1875.*

In the locomotive expenses an increase during the year in the cost of coal produced an excess of Rupees 16,838 in the item of fuel, which, absorbing small savings under other heads, leaves a slight excess on the total grant for the department of Rupees 4,567, or 1·8 per cent.

A saving of Rupees 5,000 on "mileage of foreign stock," an item in which there is much uncertainty, forms the chief part of the difference under traffic expenses. The provision for "fires, lights, and general stores" was somewhat in excess of requirement.

The discontinuance from the second half of 1874 of the contribution to the Fire Insurance Fund reduced the special and miscellaneous expenditure by Rupees 5,000. The remaining difference under this head of service arises principally from a saving in the provision for rates and taxes which would seem to have been over-estimated.

30. The difference between the actual withdrawals and the Regular Estimate is owing to the refunds to Capital for stores having been less in the closing months of the year than was estimated.

MADRAS,
8th July 1875.

(Signed) R. G. MACDONALD,
Examiner of Railway Accounts.

FORM No. XXII.

Statement of the Indian Transactions of the Madras Railway for the official year 1874-75.

	ACTUALS FOR 1874-75.			Budget Estimate as passed in Bud. get Orders.	Regular Estimate as passed in Bud. get Orders.	Final Regular Estimate as adopted by the Government of India.
	Cash.	Transfers.	Total.			
CAPITAL.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs.	Rs.
Payments into Treasury and Credits	1,04,218 2 9	16,50,966 4 2	17,55,184 6 11	15,00,000	15,95,000	15,95,000
Withdrawals from Treasury and Debits	10,35,000 0 0	20,306 11 10	10,55,306 11 10	18,06,000	10,70,000	10,70,000
NET WITHDRAWALS FROM TREASURY	9,30,781 13 8	16,08,054 8 4	10,70,377 11 1	18,06,000	10,70,000	10,70,000
REVENUE.						
Payments into Treasury and Credits	59,74,494 10 6	2,09,117 1 2	61,83,611 11 8	65,96,000	61,25,000	61,25,000
Withdrawals from Treasury and Debits	24,80,000 0 0	18,32,121 7 11	43,12,121 7 11	39,96,000	41,25,000	41,25,000
NET PAYMENTS INTO TREASURY	35,44,494 10 6	1,90,796 14 2	19,20,490 2 9	23,00,000	20,00,000	20,00,000
SPECIAL FUNDS.						
Credits	36,723 13 9	---	36,723 13 9	Nil.	Nil.	Nil.
Debits	4,405 13 4	---	4,405 13 4	Nil.	Nil.	Nil.
NET PAYMENTS INTO TREASURY	32,318 0 5	---	32,318 0 5	Nil.	Nil.	Nil.
GUARANTEED INTEREST.						
Withdrawals from Treasury.	---	---	Nil.	---	---	---

MADRAS,
8th July 1875.

(Signed) R. G. MACDONALD,
Examiner of Railway Accounts.

*Proceedings of the Madras Government, Public Works Department,
2nd August 1875.*

FORM No. XXII.

Statement of the Indian Transactions of the South Indian Railway for the official year 1874-75.

	ACTUALS FOR 1874-75.			Budget Estimate as passed in Bud. get Orders.	Regular Estimate as passed in Bud. get Orders.	Final Regular Estimate as adopted by the Government of India.
	Cash.	Transfers.	Total.			
CAPITAL.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs.	Rs.
Payments into Treasury and Credits	1,36,863 7 8	2,56,426 15 3	3,93,310 6 6	3,28,000	4,00,000	4,00,000
Withdrawals from Treasury and Debits	20,82,517 13 11	11,582 0 7	21,00,099 14 6	41,78,000	21,50,000	21,50,000
NET WITHDRAWALS FROM TREASURY	19,51,634 6 8	11,582 0 7	17,06,729 8 0	40,50,000	17,50,000	17,50,000
REVENUE.						
Payments into Treasury and Credits	10,77,277 0 10	6,492 7 2	10,83,769 8 0	9,82,000	11,00,000	11,00,000
Withdrawals from Treasury and Debits	2,75,773 0 6	4,04,611 11 9	6,80,384 12 8	6,19,600	7,00,000	7,00,000
NET PAYMENTS INTO TREASURY	8,01,504 0 4	2,44,544 14 8	4,03,384 11 9	3,62,400	4,00,000	4,00,000
SPECIAL FUNDS.						
Credits	---	---	---	---	---	---
Debits	---	---	---	---	---	---
GUARANTEED INTEREST.						
Withdrawals from Treasury.	---	---	---	---	---	---

MADRAS,
8th July 1875.

(Signed) R. G. MACDONALD,
Examiner of Railway Accounts.

No. 16. ORDER THEREON, 2nd August 1875, No. 2,227.

RAILWAY, No. 2.

ORDERED that this review be forwarded to the Government of India.

(True Extract.)

(Signed) J. O. HASTED, Major, R.E.,
Offg. Joint Secretary to Government.

No. 17. (Docket No. 2,228, dated 2nd August 1875.)
Copy of the above forwarded to the Government of India.

(True Extract.)

(Signed) J. O. HASTED, Major, R.E.,
Offg. Joint Secretary to Government.

Exd. A. Grubert.
Spare Copies

Report upon the statement of the Indian transactions of the Madras and South Indian Railways with the Government Treasury during the official year 1874-75, as compared with the Budget and Regular Estimates.

Madras Railway

Capital Account

Payments into Treasury. The Actuals have exceeded the Budget estimate by Rs 2,55,184 or 17.01 per cent; and the Regular estimate by Rs 1,60,184 or 10.04 per cent. In both cases the divergence is due to the increased consumption of stores upon Revenue account. All stores are purchased from Capital moneys, and an increase in the working expenses tends directly to augment the refunds to Treasury on Capital account. The Regular estimate of transfer credits was based on eight months' actuals. The following special items of refund occurred in the last quarter, and the ordinary refunds exceeded the average of the first

eight

On the other hand the following works were undertaken for which provision was not specially made in the Budget-estimate, but for which funds were provided from the allotment of Rs 37,004 for unforeseen requirements and by re-appropriations of credits.

Name of work	Expenditure
Bridge at 105 th mile S.W. Line	5,898
Do 125 th do	9,900
New Chayaur bridge (portion chargeable to Capital)	2,044
Doubling line between Sulligaturs and New Central Station Madras	695
New drain at Royapuram	2,449
Horse platform & carriage dock at Mettupalayam	1,199
Resident Engineer's bungalow at Ghooty	2,561
Signaller's Office at Royapuram	669
Third Class waiting Room & front Veranda at Erode	2,573
Upper story at Erode	5,558
Lightage at Karaikal	1,008
Additional water supply at Adoni	273
Addition to 3 rd class waiting room at Bangalore	1,947
Alterations & additions to Permanent Way at New Central Station, Madras	708
Extension of Passenger platform and alterations and additions to Permanent Way at Beamanur	1,364
Five-ton crane at Gootattur	401
Fuel-keeper's bungalow at Goodoor	552
Porters' huts at Srirangapatna	1,866
Station Master's bungalow at Bellary	2,539
Deviation Channel at 209 th mile N.W. Line	2,748
Total	46,972

The

The expenditure of the year exceeded the provision in one instance.

Madras Central Station — Rs 426

There was a saving on the minor works grant of Rs 24,506.

4. Locomotive department. The excess over the Budget grant is due to the purchase of two locomotives in this country instead of their being obtained from England, the outlay upon which in the year was Rs 25,616. The balance, Rs 1211, was expended upon cow-catchers.

5. Carriage & Wagon department. The following works entered in the Budget-estimate were not undertaken:—

Name of Work	Budget Allotment Rs
6 Iron goods brake vans	7,200
Conversion of 30 open-sided into covered goods Wagons	11,043
Total	18,243

The outlay fell short of the provision for the following works:—

Name of work	Excess provision
Fitting sun shades to 290 second class composite & 3 rd class carriages	2,138
Fitting 290 Wagons with axle box oil-keeps	6,778
Erecting 4 double saloon 1 st class night carriages	8,079
Minor Works	67,268

Carried over Rs 84,268

6 Brought forward Rs 84,263
 Less Excess over provision for certain works 5,862
78,401

6. Establishments The decrease in the charge for establishments is consequent upon the diminution of the expenditure upon works. The charge for establishments is made at the percentage rates sanctioned in G.O. No. 2609 dated 6th November 72.

7. Stores Although the purchase of stores exceeded the Budget-estimate by Rs 1,69,861, the balance of the stores (Suspense) account has been reduced during the year from Rs 36,36,350 to Rs 34,10,231.

Revenue Account

8. The Net payments into Treasury in the year are Rs 679,509 or 26.13 percent less than the Budget and Rs 79,509 or 3.97 percent less than the Regular estimate.

9. Payments into Treasury The payments into Treasury have fallen short of the Budget-estimate by Rs 4,12,588 or 6.25 percent, and have exceeded the Regular estimate by Rs 58,612 or 0.95 percent.

10. The decrease as compared with the Budget-estimate is attributable to the breaks in the line

consequent

consequent upon the excessive floods of last year. The actual earnings from Passengers, goods, &c., during 1874-75 compare as follows with the Budget-estimate.

Heads	Actuals Rs	Budget estimate Rs	More Rs	Less Rs
Coaching	24,25,135	25,00,000		74,865
Goods	32,93,343	37,00,000		4,06,657
Telegraph	23,817	16,000	7,817	
Land Revs	1,78,056	2,30,000		51,944
	59,19,551	64,46,000		5,26,449

The increase as compared with the Regular-estimate is due to the payments into Treasury, exclusive of credits in March having exceeded the estimate by Rs 66,495, and to the transfer credits of December to March having fallen short of the estimate by Rs 7,888. An improvement in March viz the payments into Treasury of Rs 34,500 over the average for the previous 11 months and of Rs 19,500 over the average for the previous three months, was calculated upon, but the result proved more favorable.

Withdrawals

17. Withdrawals from Treasury. The actuals fell short of the Budget estimate by Rs 22,77,900 or 52.03 per cent, and of the Regular estimate by Rs 49,900 or 2.32 per cent.

18. Under the Engineering Department, the Locomotive Department and Establishments the expenditure was Rs 24,08,500, Rs 16,888 and Rs 168,575 respectively less than the estimate, but the expenditure in the purchase of stores exceeded the provision by Rs 2,56,218.

19. Of the short outlay in the Engineering department Rs 13,05,994 was on the Southern and Rs 11,02,506 on the Northern Extension. Special causes account to some extent for this, but a large portion is doubtless to be attributed to too sanguine a view of the year's operations having been taken when the Budget estimate was framed.

On the Southern Extension the provision contemplated the completion of the line in the year. In the case of Earthwork this work was practically finished. It would seem probable that there will be a saving under "Tools and

and Plant" and Earthwork.

On the Northern Extension the heavy rains and floods during the year retarded the progress of work on the line from Madras to Cuddalore. For the line from Cuddalore to Bangalore sanction was not obtained until February 1895 and though a preliminary sanction of Rs 1,00,000 was accorded for the collection of material much was not done in this way and up to the end of the year only Rs 25,050 had been spent against a grant of Rs 4,50,000.

20. The short outlay in the Locomotive department is ascribed to the late arrival of the Rolling stock in India.

21. A saving in the Engineering department constitutes the greater part of the difference under "Establishments" and is attributable in a large measure to the construction work not having been so extensive as was anticipated.

22. A quantity of material such as timber, etc. purchased

purchased by the Engineering department for use on construction, which is included in the estimates under Indian expenditure, is passed through the store accounts, and the excess on the provision for the purchase of stores may in a measure be regarded as a reduction of the short outlay on works.

23. The following statement exhibits the expenditure under the principal heads, as recorded during the year compared with the Budget-estimate.

Engineering Department.

Head of Account	Expenditure	Budget	More	Less	Remarks
No.	No.	No.	No.	No.	
<u>Schedule A.</u>					
<u>Construction of Line.</u>					
Earthwork	120,482	2,28,770		108,288	
Minor Bridges	67,518	1,97,597		1,30,079	
Large Bridges	80,706	2,66,034		1,85,328	
Level Crossings	17,434	78,188		60,754	
Fencing	44,710	8,199	36,511		
<u>Ballast & Permanent Way.</u>					
Ballasting	46,475	1,68,989		1,22,514	Due to delay in
Permanent Way	1,08,277	3,70,133		2,61,856	completion of line
<u>Station & Buildings.</u>					
Stations	96,751				
Workshops	30,612				
Staff Quarters	8,135	4,05,902		2,58,999	Works not put
Station Machinery	14,405				in hand till
Telegraph	501		501		late
<u>Plant.</u>					
Tools & Plant	3,200	64,033		60,833	
Station & Office Furniture	5	68,337		68,332	owing to mem. acc.
Maintenance		86,000		86,000	completion of the line
	6,36,191	19,42,185		13,05,994	

Northern Extension

Head of Account	Expenditure	Budget	More	Less	Remarks
No.	No.	No.	No.	No.	
<u>Construction of Line.</u>					
Earthwork	1,36,555	2,25,000		88,445	
Minor Bridges	58,239	84,860		26,621	
Large Bridges	40,127	2,44,300		2,04,173	
Level Crossings	2,339	36,520		34,181	
Fencing	8,720	12,000		3,280	
<u>Ballast & Permanent Way.</u>					
Ballasting	7,103	20,000		12,897	
Permanent Way	14,239	2,00,000		85,761	
<u>Stations and Buildings.</u>					
Stations	20,328	1,99,300		1,78,972	Disputedly to be
Workshops		14,250		5,668	in determining
Staff Quarters	8,575				design for building
Telegraph	3,218			218	station & buildings
Plant	501				
Engineering	2,402	3,333		10,931	
Station Office Furniture	105		105		
Contingencies				38,000	
	302,007	9,79,563		6,77,556	

<u>Works to be sanctioned.</u>					
Land & labor for Sanjore	25,050	4,50,000		4,24,950	Sanction for this
					section not
					received till
					February 75
Total Engineering Dept.	9,63,248	33,71,748		24,08,500	

Locomotive Department

<u>Rolling Stock.</u>					
Northern Extension	32,112	1,00,000		1,67,888	Late arrival
Northern do		1,00,000			of Rolling Stock
					in India
	32,112	2,00,000		1,67,888	

Establishments

Head of Account	Expenditure	Budget	Actual	More	Less	Remarks
Agent	25.176					
Audit & Accounts	18.655					
Stores	12.464					
Engineering	3.93.387	5.30.102			1.36.715	
Locomotive	3.171	26.966			23.795	
Medical	15.680	18.660			2.980	
	4.68.533	6.37.108			1.68.575	

Stores

Timber	1.50.000					
Fuel	90.000					
Oil	8.000					
Landing charges & freight	6.43.213	2.56.213				
Stationery	12.000					
Miscellaneous	8.000					
	1.19.000					
	6.43.213	3.87.000	2.56.213			

Insufficient provision a large quantity of material purchased by Engineering for construction is included in estimate as the main expenditure is passed through the Stores.

Grand Total 21.07.106 45.95.856 24.88.750

The divergence as compared with the Regular estimate is due to the amount of cheques cashed at district Treasuries during March having fallen short of the estimate.

Revenue Account

25. The net payments into Treasury during the year amount to Rs 40.984 or 11.31 percent in

in excess of the Budget-estimate, and to Rs 3.384 or 0.84 percent in excess of the Regular-estimate.

26. Payments into Treasury. The "Actuals" are Rs 1.01.770 or 10.36 percent more than the Budget-estimate, and Rs 16.231 or 1.47 percent less than the Regular-estimate. The large discrepancy compared with the Budget-estimate is explained by transactions in connection with foreign traffic. The transactions with Treasury on Revenue Account include the recovery and adjustment of proportions of freight due to foreign companies. These were allowed for in the estimates as submitted by the local Government, but the Financial estimates passed in the Budget orders were almost identical with the Administrative-estimates.

27. The earnings for the year compare below favorably with the Administrative-Budget, having amounted to Rs 9.74.009 against an estimate.

estimate of Rs 9,79,000. The difference being only Rs 4,991 or 0.5 percent.

Heads	Actuals Rs	Budget estimate Rs	More Rs	Less Rs
Coaching	5,38,024	5,11,000	27,024	
Goods	4,09,364	4,25,200		15,836
Telegraph	6,135	6,100	35	
Lunatics	20,486	36,700		16,214
	9,74,009	9,79,000		4,991

28. Withdrawals from Treasury. The result is an excess of Rs 60,785 or 9.81 percent compared with the Budget-estimate and a decrease of Rs 19,615 or 2.8 percent compared with the Regular-estimate.

29. Allowing for the adjustments of through traffic which as explained above, were not provided for in the estimate, the withdrawals are less than the Budget-estimate, there having been a saving on the estimate of working expenses as shown below by the comparison of the expenditure with the Administrative Budget-estimate.

Heads of Service	Expenditure Rs	Budget estimate Rs	More Rs	Less Rs
Maintenance of Way & Works	1,09,205	1,53,900		44,695
Locomotive Expenses	2,50,167	2,45,600	4,567	
Carriage & Wagon — do —	50,336	50,750		414
Traffic — do —	87,176	97,060		9,884
General Charges	56,426	55,790	636	
Special & misc. expenditure	7,703	15,200		7,497
Total	5,61,013	6,18,300		57,287

Of the difference under Maintenance of Way and Works Rs 39,748 occurs under the head of Renewal of Permanent Way and is owing to its having been found on taking up portions of the line that the renewals necessary were not so extensive as estimated.

In the Locomotive expenses an increase during the year in the cost of coal produced an excess of Rs 16,838 in the item of fuel, which absorbing small savings under other heads, leaves a slight excess on the total grant for the department of Rs 4,567 or 1.8 percent.

Saving of Rs 5000 on "Sale of foreign stock"

1874.]

CIAL

regular
te as
by the
ment
dia.

S.

000
000

000

000

6
 6
 6

S.
188-189

FORM No. XXII.

STATEMENT OF THE INDIAN TRANSACTIONS OF the Madras RAILWAY FOR THE OFFICIAL YEAR 1874-75.

	ACTUALS FOR 1874-75.						Budget Estimate as passed in Budget Orders.	Regular Estimate as passed in Budget Orders.	Final Regular Estimate as adopted by the Government of India.
	Cash.		Transfers.		TOTAL.		Rs.	Rs.	Rs.
	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.			
CAPITAL.									
Payments into Treasury and Credits ...	104 218	2 9	16 50 966	4 2	17 55 184	6 11	15 00 000	15 95 000	15 95 000
Withdrawals from Treasury and Debits ...	10 35 000	0 0	20 306	11 10	10 55 306	11 10	13 06 000	10 70 000	10 70 000
NET WITHDRAWALS FROM TREASURY ...	9 30 781	13 3							
REVENUE.									
Payments into Treasury and Credits ...	59 74 494	10 6	209 117	1 2	61 83 611	11 8	65 96 000	61 25 000	61 25 000
Withdrawals from Treasury and Debits ...	24 30 000	0 0	18 33 121	7 11	42 63 121	7 11	39 96 000	41 25 000	41 25 000
NET PAYMENTS INTO TREASURY ...	35 44 494	10 6			19 20 490	3 9	26 00 000	20 00 000	20 00 000
SPECIAL FUNDS.									
Credits ...	36 723	13 9	"	0 0	36 723	13 9	Nil	Nil	Nil
Debits ...	4 405	13 4	"	0 0	4 405	13 4	Nil	Nil	Nil
Net payments into Treasury	32 318	0 5	"	0 0	32 318	0 5	Nil	Nil	Nil
GUARANTEED INTEREST.									
Withdrawals from Treasury ...					Nil				

96-2 August 1875
with Rs. 15
11114952/75
1/1/75

FORM No. XXII.

STATEMENT OF THE INDIAN TRANSACTIONS OF *the South Indian* RAILWAY FOR THE OFFICIAL YEAR 1874-75.

YEAR 1874-75.										Budget Estimate as passed in Budget Orders.	Regular Estimate as passed in Budget Orders.	Final Regular Estimate as adopted by the Government of India.						
ACTUALS FOR 1874-75.																		
										Cash.	Transfers.		TOTAL.					
										Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	Rs.	Rs.
CAPITAL.																		
Payments into Treasury and Credits ...										136 883	7 3	256.426	15 3	393 310	6 6	328.000	4.00 000	4.00.000
Withdrawals from Treasury and Debits ...										2088 517	13 11	11 582	7	21.00 099	14 6	4378 000	21.50 000	21.50.000
NET WITHDRAWALS FROM TREASURY ...										19.57.634	6 8			17.06789	8	4050.000	17.50 000	17.50.000
REVENUE.																		
Payments into Treasury and Credits ...										1077 277	10	6492	7 2	1083769	8	982.000	11.00 000	11.00.000
Withdrawals from Treasury and Debits ...										275.775	6	404.611	11 9	680.384	12 3	619.600	7.00.000	7.00.000
NET PAYMENTS INTO TREASURY ...										8.01 504	4			4.00.384	11 9	362.400	4.00.000	4.00.000
SPECIAL FUNDS.																		
Credits ...																		
Debits ...																		
GUARANTEED INTEREST.																		
Withdrawals from Treasury ...																		

Dated 8th July 1875.
O. S. G. P. No. 74. 12-5-74.-50.

R. G. Macdonald
Inspector of Railway Accounts

177.4952
2/75
Ct. 2 Aug 1875
1875-76-18

Railway Department.

CONSULTING ENGINEER'S OFFICE.

No. 123 Madras 29 July 1875.

From

LIEUT.-COLONEL J. H. M. SHAW STEWART, R.E.,

Consulting Engineer for Railways,

To

Lt. Col. J. Mullins R.E.

~~Colonel C. W. Walker, R.E.,~~

Offg. Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

As directed in the Order
of Government, No 66, of the 7th January
1870, I have the honour to enclose, —
herewith, for transmission to the Govern-
ment of India, a review by the Examiner
of Railway Accounts of the financial
operations of the Madras and South
Indian Railways during the official
years 1874-75, together with revised Form
XXII prescribed in Resolution / Public
Works Department / No 194-200 A.C.R.

[Signature]

11/4352/1
2/75
20-2 August 75
W.B.M.S.

of the 10th April 1844.

I have the honor to be

Sir

Your obedient servant

W. Croker L.R.C.

Forwards: Engines for
Railway.

Yours

P. M. 1895 Def. 1

RAHWAY DEPARTMENT.

Ms. A. 9. 2

From
The Consulting Engineer,
for Railways,

To

The Secretary to Government,
P. W. Department,

P. W. Department,

Dated

Fort Saint George.
1875-
July

23/423

Col. 1875. 2130113.
PUBLIC WORKS.
Chas. H. 52
Melrose Park
J. H. H. H.
2130113.
2130113.

Industry

J. A. J. Jones
J. A. J. Jones
227
228

3205

Review of the business

Variations of the In and
the day during the year.

Nov 1894/95 - Order

Put the — in front of
the writing book.

Lebenszeitung für

Dearest friend

Found by Lucie, a French

by the Director of 19

Dear Mr. P. I have

For drawing the Plan

Year 1845

Richard

No 2227

Ordered that
-List of Indes

20/12
C. J. J. J. J.

Ms. No. 2228. d/2 Aug 1875

Roofing of the above
inment of another

11

44-15-160

March 16, 1907-75