Form No. 1-A

PUBLIC WORKS [illegible]

RAILWAY BRANCH.

Papers to be read in Proceedings:—

ER's current No 3542 & 12-7-99 from AM

B/

ORDER. No 781 Ry dated 17/7/99

Approved and ordered
be forwarded to the Govt
India.

H. E. No 782 Rly of 17th July 1899

To

The Secretary to the Govt of Ind
to the Govt of Ind
Rly

Sir

In forwarding herewith
the Establishment Rolls co
covering estimates of the 19
for the half year ending 31
Dec 1899, I am directed to
state that they have been
approved by the Govt.

I have the honor to be
Sir
Your most obedient
Servant

with 10 Spare Copies

2 AM's
CR's
ER's

Registered on 26/7/99

Ry
17/7/99

(No. I.)
No. 11551
593

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 26th May 1899.

2708
29-5-99

From

The *Agent and Manager.*
Madras Railway.

To

The *Consulting Engineer for Railways.*
Madras.

Sir,

I have the honor to forward herewith a proof copy of the Establishment Rolls and Working Estimates for the ensuing half year for discussion at the official meeting to be held on the 30th instant.

The Examiner of Railway Accounts has been furnished with a copy by the Chief Auditor.

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

Agent and Manager.

Enclosure.

2708 9
593 26.5-99
Acc

Madras Railway Company.

ESTABLISHMENT ROLLS & WORKING ESTIMATES

FOR THE

Half-year ending 31st December, 1899.

Printed by H. Plumbe, at the Lawrence Asylum Press, Mount Road, Madras—1899.

MADRAS RAILWAY.

Length 839 Miles, 17 Chains, 65 Feet Mean Length.

Abstract of the Cost of working and maintaining the Open Line, together with the estimated earnings for the Half-year, 31st December 1899.

EXPENDITURE.

Actuals for Half-year, December 1898.	Per cent. on gross earnings.		Abstract.	Page.	Sanctions for Half-year, June 1899.	Per cent. on gross earnings.	Estimate.	Per cent. on gross earnings.
Rs.					Rs.		Rs.	
7,03,741	13·84	To Maintenance of Way, Works and Stations	A	19—21	6,89,004	12·19	6,81,691	12·77
10,55,342	20·75	,, Locomotive Expenses ...	B	32—41	10,72,476	18·98	10,63,242	19·91
2,35,058	4·62	,, Carriage and Wagon Expenses	C	32—42 44—46	2,43,245	4·31	2,42,910	4·55
4,.. 14	8·45	,, Traffic Expenses	D	48—55	4,61,827	8·17	4,57,632	8·57
2,72,281	5·36	,, General Charges	E	56—71	3,03,916	5·38	3 02,596	5·67
...	...	,, Steam-boat Service ...	F	...	...	...	...	...
44,395	0·87	,, Special and Miscellaneous Expenditure	G	72—75	61,753	1·10	62,916	1·18
27,40,731	53·89				28,32,221	50·13	28,10,987	52·65
23,45,016	46·11	,, Balance net earnings ...	...	...	28,17,779	49·87	25,28,013	47·35
50,85,747	100·00	Total ...	...	...	56,50,000	100·00	53,39,000	100·00
Miles.					Miles.		Miles.	
1270.964		Train Mileage ...	...	...	1,250,000	...	1,250,000	...

EARNINGS.

Actuals for Half-year, December 1898.		Abstract.	Sanctions for Half-year, June 1899.	Estimate.
Rs.			Rs.	Rs.
17,67,075	By Coaching Traffic	H	22,46,000	20,00,000
32,18,808	,, Goods Traffic	I	33,00,000	32,50,000
8,587	,, Electric Telegraph Earnings.	...	9,000	9,000
...	,, Steam-boat Earnings ...	J	...	...
91,277	,, Sundries	K	95,000	80,000
50,85,747	Total ...	...	56,50,000	53,39,000
233	,, Gross earnings per mean mile per week	...	259	245

Agent and Manager.

Consulting Engineer for Railways.

MADRAS-ENNUR RAILWAY.

Length 8 Miles, 36 Chains, 8 Feet Mean Length.

Abstract of the Cost of working and maintaining the Open Line, together with the estimated earnings for the Half-year, 31st December 1899.

EXPENDITURE.									EARNINGS.				
Actuals for Half-year, December 1898.	Per cent. on gross earnings.		Abstract.	Page.	Sanctions for Half-year, June 1899	Per cent. on gross earnings	Estimate.	Per cent. on gross earnings	Actuals for Half-year, December 1898		Abstract.	Sanctions for Half-year, June 1899.	Estimate.
Rs.					Rs.		Rs.		Rs.			Rs.	Rs.
4,223	23·65	To Maintenance of Way, Works and Stations	A	22—25	5,072	19·51	5,156	20.52	15,310	By Coaching Traffic	H	17,500	20,000
37,68	21·10	,, Locomotive Expenses ...	B	32—41	5,022	19·32	5,118	20·35	2,461	,, Goods Traffic	I	8,400	5,000
829	4·65	,, Carriage and Wagon Expenses	C	32—42 44—46	1,139	4·38	1,168	4·65					
1,518	8·50	,, Traffic Expenses	D	48—55	2,162	8·31	2,201	8·76	24	,, Electric Telegraph Earnings...	...	50	50
978	5·48	,, General Charges	E	56—71	1,437	5·53	1,476	5·85					
...	...	,, Steam-boat Service ...	F	...	...	...	...	...	...	,, Steam-boat Earnings ...	J	...	...
157	0·87	,, Special and Miscellaneous Expenditure	G	72—75	294	1,13	307	1·22					
893	5·00	,, Hire of Rolling-stock ...	...	...	1,300	5·00	1,256	5·00	62	,, Sundries	K	60	75
12,366	69·25				16,426	63·18	16,671	66·35					
5,491	30·75	,, Balance net earnings ...	...	...	9,574	36·82	8,454	33·65					
17,857	100·00	Total ...	...	...	26,000	100·00	25,125	100·00	17,857	Total ...	...	26,000	25,125
Miles. 12064		Train Mileage ...	...	...	Miles. 12,000	...	Miles. 15,000	...	81	,, Gross earnings per mean mile per week	...	118	113

Agent and Manager.

Consulting Engineer for Railways.

NILGIRI RAILWAY COMPANY, LD.

Length 16 Miles, 64 Chains, 53 Feet Mean Length.

Abstract of the Cost of working and maintaining the Open Line, together with the estimated earnings for the Half-year, 31st December 1899.

EXPENDITURE.										EARNINGS.				
Actuals for Half-year, December 1898.	Per cent. on gross earnings.		Abstract.	Page.	Sanctions for Half-year, June 1899.	Per cent. on gross earnings	Estimate.	Per cent. on gross earnings.	Actuals for Half-year, December 1898.		Abstract.	Sanctions for Half-year, June 1899.	Estimate.
Rs.					Rs.		Rs.		Rs.			Rs.	Rs.
...	...	To Maintenance of Way, Works and Stations	A	26—31	14,932	14·93	28,634	28·63	...	By Coaching Traffic	H	40,000	60,000
...	...	„ Locomotive Expenses ...	B	32—41	17,481	17·48	17,444	17·44	...	„ Goods Traffic	I	59,000	40,000
...	...	„ Carriage and Wagon Expenses	C	32—42 44—46	3,965	3·97	3,985	3·99	...				
...	...	„ Traffic Expenses	D	48—55	7,528	7·53	7,508	7·51	...	„ Electric Telegraph Earnings.	...	200	...
...	...	„ General Charges	E	56—71	5,003	5·00	5,014	5·01	...	„ Steam-boat Earnings ...	J	...	...
...	...	„ Steam-boat Service ...	F	...	...	...	...	...	...	„ Sundries	K	800	...
...	...	„ Special and Miscellaneous Expenditure	G	72—75	1,023	1·02	1,049	1·05	...				
...	...	„ Hire of Rolling-Stock ...	...	...	...	...	...	...	...				
...	...				49,932	49·93	61,634	61·63	...				
...	...	„ Balance net earnings ...	...	...	50,068	50·07	38,366	38·37	...				
...	...	Total ...	...	...	1,00,000	100·00	1,00,000	100·00	...	Total ...	...	1,00,000	1,00,000
Miles.					Miles.	...	Miles.	...	...				
...		Train Mileage ...	...	...	12,376	...	18,000	..	...	„ Gross earnings per mean mile per week	...	229	229

Agent and Manager.

Consulting Engineer for Railways.

EXPLANATORY NOTE.

(1). *Comparison with Sanction for previous Half-year* :—Abstract A.—Maintenance of Way and Works.—Decrease Rs. 3,485. Due to reduced provision under "Repairs of Bridges, &c.," owing to no provision being made for strengthening girder bridges and under "Loss by Exchange" due to a smaller issue of rails and other English materials. Increases under "Engineer's Salaries" chiefly due to the return of Mr. J. B. Duncan from the Telegraph Department, under "Maintenance and Renewal of Permanent Way" due to extra provision made for Night Watchmen during the North-East and South-West monsoons and to additional provision for covering sand ballast with broken stones.

Abstract B.—Decrease Rs. 3,071. The decreases are principally under "Running Expenses" and "Oil, Tallow, &c.," to accord ~~closely~~ with actuals and under "Fuel" owing to a more extended use of coal at a lower rate in lieu of wood. There are increases under "General Superintendence" owing to increased rate of salary provided for the Deputy and Assistants to Locomotive Superintendent, as per revised scale, under "Maintenance of Engines" due to anticipated heavier renewals and under "Unclassified Expenditure."

Abstract C.—Increase Rs. 1,142. The provision under "Repairs and Renewals of Vehicles" has been slightly increased with a reduction under "Stores, including Oil, Grease, &.," to accord with actuals.

Abstract D.—Decrease Rs. ~~1,550.~~ 1621 There is a decrease under "District Office Establishment" owing to provision not having been made for Acting Office Assistants with an increase under "Wagon Covers and Ropes" due to anticipated larger renewals of tarpaulins.

Abstract E.—Increase Rs. 505. There are increases under "Audit Department" due to increased rate of salary provided for the Chief Auditor, Deputy and Assistant Auditors and under "Police" due to provision now made under this head for Watch and Ward Staff to be transferred from the Locomotive Department. Decreases under "Electric Telegraph" owing to return of Mr. J. B. Duncan to Engineering Department consequent upon the return of Mr. R. E. Pigott from furlough and under "Loss by Exchange" to accord with actuals.

Abstract G.—Increase Rs. 1,600. Chiefly under "Railway Schools" owing to anticipated less recoveries on account of "School-fees, Government Grants," &c.

(2). *Comparison with Actuals* :—The net increase over the actuals for December 1898 Half-year is Rs. 94,~~578~~ 627 as per following particulars :—

Increases.

	Rs.	
Locomotive Expenses	15,301	Due to Sanctions under all heads but "Fuel" and "Maintenance of Locomotive Engines" not being fully worked up to; there is an increase under "Carriage of Revenue Stores" to meet expenses on account of Nilgiri Railway. Decrease under "Fuel" the actuals for December 1898 Half-year having been abnormally high.
Carriage and Wagon Expenses ...	12,599	Due to increased provision under "Coaching Vehicles" for renewals of 3rd Class carriages partly covered by a decrease under "Goods Vehicles" owing to smaller renewals under this head. Increases under all other heads due to Sanctions not having been fully expended.
Traffic Expenses	36,~~878~~ 627	The actuals for December 1898 Half-year practically under all heads were below the sanctioned estimates. There is a decrease under "Traffic Manager and Assistants" chiefly due to a gratuity paid to Mr. G. R. Byron on retirement in the second half of 1898.
Carried over	Rs. 64,~~778~~ 727	

	Rs.	
Brought forword	64,~~778~~ 727	
General Charges	30,724	Due to Sanctions not having been fully expended under the following heads :—"Home Expenditure," "Agent and Manager's," "Audit" and "Medical Departments." "Rents of Buildings," "Medicines," "Signallers," "Telegraph Maintenance" and "Loss by Exchange," as well as to increased rate of salary provided for the Chief Auditor, Deputy and Assistant Auditors and under "Police" due to provision now made for the Watch and Ward Staff to be transferred from Locomotive Department.
Special and Miscellaneous Expenditure	21,212	Chiefly due to increased provision under "Contribution to Provident Institution" in accordance with the revised rules.
Total Increase ...	1,16,~~714~~ 6763	
Decrease.		
Maintenance of Way and Works	22,136	Decrease under "Maintenance and Renewal of Permanent Way, Materials" owing to smaller renewals accounting for a reduced provision under "Loss by Exchange" and "Carriage of Revenue Stores." There are increases under all other heads due to Sanctions for December 1898 not having been fully worked up to.
Net Increase ...	94,~~578~~ 627	

(3). *Comparison with Budget Estimate as under* :—

Madras Railway.

1. June quarter 1899. Proportion of June Rolls ...	Rs. 15,29,022
2. December Rolls	„ 28,10,9~~85~~ 45
3. Balance of Budget provision available for March quarter 1900	„ 6~~0,057~~ 60,057 9,~~59,991~~
Total Rs.	53,00,000
Budget Estimate sanctioned	Rs. 53,00,000

MADRAS-ENNUR RAILWAY.

(1). *Comparison with Sanction for previous Half-year* :—Abstract A.—Maintenance of Way and Works.—Increase Rs. 84 under "Maintenance and Renewal of Permanent Way Wages" owing to provision made for Night Watchmen for the North-East monsoon.

(2). *Comparison with Actuals* :—

Maintenance of Way and Works ... Increase Rs. 933. Due to Sanctions under various heads not having been fully expended.

(3). *Comparison with Budget Estimate as under* :—

1. Sanctions for June 1899 Half-year	Rs. 16,426
2. Estimate for December 1899	„ 16,671
Total Rs.	33,097
Budget Estimate sanctioned	Rs. 38,000

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department.

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31*st December* 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
1st—General Superintendence—									
1. *Engineers' Salaries—*									
Chief Engineer	...	1,600—1,800	1	1,600	9,600	1	1,600	*a* 9,894	...
Personal Assistant to the Chief Engineer.	1st Class, 2nd Grade.	750—900	1	950	5,700	1	950	*b* 5,600	...
Special Allowance	...	200							
District Engineers	1st Class	750—900	2	1,650	9,900	4	2,025	*c* 11,925	...
Assistant Engineers ...	2nd Class	550—700	5	2,125	12,897	3	2,078	*d* 12,618	...
Do. ...	3rd Class	350—500	0	1,200	7,200	1	350	*e* 2,100	...
Temporary Asst. Engineers ...	3rd Class	...	3			2	1,100	*f* 6,600	
Engineering Assistants ...	...	200	3	450	2,700	3	450	2,700	...
Exchange Compensation Allowance	...	...	...	...	2,721	...	...	*g* 3,032	...
Total I—(1) ...	...	...	15	...	50,718	15	...	54,469	48,477
2. *Allowances of Engineers including Travelling*	...	...	...	...	6,300	...	...	6,300	3,972
3. *Subordinate Superintendents—*									
Permanent-Way Inspectors ...	1st Class, 1st Grade.	101—200	20	3,140	18,840	20	3,140	18,840	...
Do. ...	1st Class, 2nd Grade.								
Do. ...	2nd Class.								
Do. ...	3rd Class.	100	7	700	4,200	7	700	4,200	...
Carried over ...	...	...	27	...	23,040	27	...	23,040	...
	...	...	15	...	57,018	15	...	60,769	52,449

EXPLANATORY NOTE.

a. Mr. E. W. Stoney, from 1st July to 2nd October 1899 at Rs. 1,600 4,903
" from 3rd October to 31st December 1899, at Rs. 1,700 *vide* M. G. O. No. 814, dated 15th June 1898, ... 4,991
9,894

b. Mr. J. M. Ewing, from 1st July to 31st October 1899, Rs. 750 3,000
" A. B. Strange, from 1st November to 31st December 1899, at Rs. 700 1,400
4,400
Special Allowance at Rs. 200 (*vide* M. O. M. No. 8 of 1894, and Board's letter No. 981, dated 7th October 1898) 1,200
5,600

c. Mr. G. A. F. French transferred as Engineer-in-Chief, Calicut-Cannanore Extension (*vide* M. O. M. of 25th February 1898).
" H. J. Thompson, Rs. 900 5,400
" Ross Chisholm $\left(\frac{\text{Rs. } 900+700}{2} = \text{Rs. } 800\right)$, Rs. 750; acts for Mr. G. A. F. French on other duty 4,500
" J. M. Ewing from 1st to 15th November 1899 at Rs. 750 375
" from 16th November 1899, probable date of proceeding on Furlough, to 31st December 1899 at Rs. 375 563
938
" F. A. Pawley (acts for Mr J. M. Ewing on Furlough) from 16th November to 31st December 1899 $\left(\frac{750+700}{2}\right) = \text{Rs. } 725$ 1,087
11,925

d. Mr. F. A. Pawley, from 1st July to 15th November 1899 at Rs. 700 3,150
" A. B. Strange (on Furlough), from 1st July to 31st October 1899 at Rs. 350 1,400
" J. B. Duncan, proceeds on Furlough from 1st July 1899 at Rs 275 1,650
" A. C. Gale $\left(\frac{\text{Rs. } 700+400}{2} = \text{Rs. } 550\right)$ from 1st July to 26th September 1899 and $\left(\frac{\text{Rs. } 700+500}{2} = 600\right)$ Rs. 550 from 27th September to 31st December 1899, entitled to promotion to the higher grade of 3rd class after two years' service, acts for Mr. Chisholm (M. O. M. of 25th March 1898) 3,300
" E. C. Evans $\left(\frac{\text{Rs. } 700+350}{2} = \text{Rs. } 525\right)$ acts for Mr. A. B. Strange, on furlough from 1st July to 31st October 1899 2,100
" from 1st to 4th November 1899 at Rs. 350 47
" from 5th to 15th November 1899 at Rs. 400 entitled to promotion to the higher grade of 3rd class after 2 years' service 146
" and from 16th November to 31st December 1899, $\left(\frac{\text{Rs. } 700+400}{2}\right) = \text{Rs. } 550$, acts for Mr. F. A. Pawley 825
3,118
12,618

e. Mr. A. R. Stuart, Rs. 350 2,100

Temporary Engineers—
f. Mr. G. T. Bridges ... ... " 400=2,400
Additional Engineer *vide* G. O. No. 814 R. dated 6th May 1893 ... ... " 700=4,200
6,600

g. Calculated at Exchange of 1*s.* 3¼*d.* per rupee.

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department—(*continued*).

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	95,994	...	...	99,810	87,784
	...	...	...	...	13,230	...	...	13,230	11,906
6. *Office Expenses—(contd.)*									
District Engineer's Office—									
1ST DISTRICT.									
Clerks, Accountant, Inspectors' Writers, Timekeeper and Store Writer	...	100 & below.	20	457	2,742	20	457	2,742	...
Draftsman	...	...	1	30	180	1	30	180	...
Storekeeper	...	50	1	50	300	1	50	300	...
Peons	...	...	4	28	168	4	28	168	...
			26	...	3,390	26	...	3,390	3,355
2ND DISTRICT.									
Clerks, Accountant, Inspectors' Writers, Timekeeper and Store Writer	...	100 & below.	17	375	2,250	17	375	2,250	...
Draftsman	...	...	1	30	180	1	30	180	...
Storekeeper	...	50	1	50	300	1	50	300	...
Peons	...	...	4	28	168	4	28	168	...
			23	...	2,898	23	...	2,898	*a* 3,267
3RD DISTRICT.									
Clerks, Accountant, Inspectors' Writers, Timekeeper and Store Writer	...	100 & below.	18	411	2,466	18	411	2,466	...
Draftsman	...	...	1	30	180	1	30	180	...
Storekeeper	...	50	1	50	300	1	50	300	...
Peons	...	...	5	35	210	5	35	210	...
			25	...	3,156	25	...	3,156	3,107
Carried over ...	...	...	...	...	22,674	...	...	22,674	21,635
	...	...	...	...	95,994	...	...	99,810	87,784

EXPLANATORY NOTE.

a. Includes Rs. 360 Gratuity paid to Head Writer Mahomed Cassim Saib.

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department—(*continued*).

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for the Half-year, 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	95,994	...	...	99,810	87,784
	...	...	...	...	22,674	...	...	22,674	21,635
6. *Office Expenses*—(concld.)									
District Engineer's Office—(concluded).									
Terminal Works.									
Clerks, Timekeepers and Inspectors' Writers ...	...	100 & below.	4	80	480	4	80	480	
Peons and Lascars ...	...	...	3	20	120	3	20	120	
			7	...	600	7	...	600	579
Engineering Workshops.									
Book-keeper	...	120	1	120	720	1	120	720	
Clerks, Timekeepers and Loading Clerks, &c. ...	...	100 & below.	17	288	1,728	17	288	1,728	
European Watchman ...	...	...	1	25	150	1	25	150	
Native Watchman	...	...	4	28	168	4	28	168	
Peons	...	...	2	14	84	2	14	84	
			25	...	2,850	25	...	2,850	2,775
General.									
Travelling Allowance of other Subordinates	...	...	...	...	400	...	...	400	236
Contingencies...	...	...	...	...	5,000	...	...	5,000	4,152
Stationery	...	...	...	...	4,000	...	...	4,000	3,609
Total I (6)...	...	...	...	...	35,524	...	...	35,524	32,986
Total, General Superintendence ...	...	...	...	...	1,31,518	...	...	1,35,334	1,20,770

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department—(*concluded*).

Maintenance of Way, Works and Stations for the Half-year ending 31st Dec. 1899.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for the Half-year, 30th Dec. 1898.	
	Amount.	Total.	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	...	1,31,518	...	1,35,334	...	1,20,770
2nd—Maintenance and Renewal of Permanent Way—						
(1.) Wages	1,48,359		*a* 1,57,988		1,47,176	
(2.) Materials	1,32,173		*b* 1,37,393		1,81,259	
		2,80,532		2,95,381		3,28,435
3rd—Repairs of Bridges, &c., Wages and Materials—						
(1.) Bridges and Tunnels	33,250		*c* 23,150		7,547	
(2.) Miscellaneous, including Earthwork, Roads, Fencing, &c.	48,248		*d* 49,500		26,008	
		81,498		72,650		33,555
4th—Repairs of Stations and Buildings, &c, Wages and Materials—						
(1.) Repairs of buildings of every description, including station yards and signals, but excepting quarters for the Staff	60,160		*e* 60,560		42,558	
(2.) Repairs of Staff Quarters	19,731		19,731		16,491	
		79,891		80,291		59,049
5th—Maintenance by contract—						
(1.) Amount paid by Contractors ...	..		...		...	
(2.) Materials supplied by the Company.	...	...	...	...	...	...
6th—New Minor Works	11,235		11,235		9,421	
		11,235		11,235		9,421
7th—Unclassified Expenditure—						
(1.) Plantations	1,545		1,545		1,370	
(2.) Tools and Plant	3,950		3,950		4,278	
(3.) Loss on Stores	20,350		*f* 20,350		...	
(4.) Loss by Exchange	61,713		*g* 48,011		1,08,734	
(5.) Carriage of Revenue Stores ...	28,982		28,982		54,253	
		1,16,540		1,02,838		1,68,635
Total Abstract A—Maintenance of Way, Works and Stations	...	7,01,214	...	*h* 6,97,729	...	7,19,865
Deduct—Cost of working the Kolar Gold Fields Railway	...	12,210	...	16,038	...	16,124
Total ...	...	6,89,004	...	6,81,691	...	7,03,741
Cost of maintaining a mile of track including sidings	...	677	...	670	...	695

EXPLANATORY NOTE.

(*a*) Increase owing to provision for Night Watchmen to meet the requirements of the north-east Monsoon Rs. 7,038.
Includes provision for 1 Maty at Rs. 8 per month Rs. 48.
Includes provision on account of Revenue portion of the estimates for sanctioned works, Rs. 4,100.
Includes increased provision for extra labor for laying 30 feet Bull-headed Steel Rails Rs. 968.
Includes additional povision for 4 extra Gangs and 2 Line Watchmen for Arcot-Ranipet Branch, Rs. 1575.

(*b*) Provision for covering sand ballast with broken stones (includes the cost of reserved stone ballast), Rs. 30,000.
General Stores handling charges, Rs. 4,250.
Provision for Revenue portion of the estimates for sanctioned works, Rs. 2,450.
Decrease owing to less provision for Rails, Rs. 3,801.
Additional provision for renewals of pot sleepers owing to higher percentage of breakages in consequence of the heavier class of engines at accelerated speed, Rs. 4,021.

(*c*) Provision for Revenue portion of the estimates for sanctioned works, Rs. 10,250.
Decrease owing to no provision having been made for strengthening Girder Bridges, 14,516.

d. Provision for Revenue portion of the estimates for sanctioned works, Rs. 2,650 as against Rs. 2,898 in the Rolls for June 1899 half-year.
Provision for 10 miles of fencing materials on three Districts, Rs. 15,700.
Prevision for General repairs to roads in compounds, Rs. 1,500.

e. Provision for Revenue portion of the estimates for sanctioned works, Rs. 22,120, as against Rs. 21,720, in the Rolls for June 1899 half-year.

f. Anticipated loss on sale of stores in stock on 30th June 1899, Rs. 20,000.

g. Loss by Exchange calculated at 39·68 per cent. on estimated expenditure of English Stores.
Decrease owing to less provision for new rails.

h. The proposed estimate figures are net.

MADRAS RAILWAY.

APPENDIX **A.** *to Maintenance Estimates (not for Audit purposes) for the Half-year ending 31st December 1899.*

Miles maintained.	Departmentally.	By Contract.	Total.
	Ms. Chs. Ft.		Ms. Chs. Ft.
Railway Lines { Double	42 32 34½ × 2	...	84 65 3
Railway Lines { Single (including K. G. F. Ry. and Arcot-Ranipet Branch)... ...	810 39 4	...	810 39 4
Sidings (including K. G. F. Ry. and Arcot-Ranipet Br.)...	146 13 39½	...	146 13 39½
Total single track including sidings ...	...	...	1,041 37 46½

Description of Works.	Amount.	Total.	Remarks.
	Rs.	Rs.	
II.—MAINTENANCE AND RENEWAL OF PERMANENT WAY—			*Ordinary Gangs consisting of—*
			333 Gang Maistries, aggregate monthly pay... Rs. 3,765
			2,359 Gang Coolies, do. ... 12,589
			16,354 × 6 = 98,124 (1)
1. *Wages* —			
(1) 333 Gangs	98,124		*Extra Gangs consisting of—*
(2) 10 Extra Gangs ...	*a* 3,960		10 Gang Maistries, aggregate monthly pay... 100
(3) Establishments	42,399		88 Gang Coolies, do. ... 560
			660 × 6 = 3,960 (2)
Do. 263 Temporary Night Watchmen ...	*c* 7,437		*Establishments.*
Labor for laying 30 feet steel rails ...	*d* 1,968		Rs. A.
			25 Section Maistries 480 0
			31 Carpenters 555 8
			30 Blacksmiths 545 8
			29 Hammermen 210 0
			31 Bellows Boys 144 0
			6 Tinkers 112 8
			6 Painters 110 8
			12 Engineers' Lascars ... 84 0
			9 Store Lascars 63 0
			40 Store Watchmen 273 0
			17 Store Coolies 96 0
			503 Line Watchmen ... ... 3,175 0 } *b*
			20 Bridge do. ... ... 138 0 }
			2 Patrolling do. 40 0
			7 Staff Bungalow Peons and Watchmen 54 0
			5 Do. Servants ... 39 0
			Proportionate amount of wages of Arkonam Depôt Staff 121 0
			Repairs to turn-tables, weigh bridges, &c. 650 0
			Acting allowance for extra men in case of sickness ... 70 0
			Loading and unloading materials 50 0
			5 Extra Watchmen for K. G. F. Railway 37 8
			3 Night Watchmen 18 0
			7,066 8 × 6 = 42,399 (3)
2. *Materials*—			
(4) Ballast	47,500		Sand Ballast 17,500
Rails	32,874		Covering sand ballast with broken stones ... ... *e* 30,000
Sleepers	50,319		47,500 (4)
Proportion of General Stores Working Expenses	4,250		
Revenue portion of the Estimates for sanctioned works	2,450	1,37,393	
Revenue portion of the Estimates for the sanctioned works ...	4,100	1,57,988	
Total Head II, Abstract A ...		2,95,381	

EXPLANATORY NOTE.

a. Includes 4 Extra Gangs for Arcot-Ranipet Branch, Rs. 1,440.

b. Includes 2 additional Line Watchmen for Arcot-Ranipet Branch, Rs. 72.

c. Increase owing to provision made for labor for temporary Night Watchmen to meet the requirements of the north-east Monsoon, Rs. 7,101.

d. Extra Provision made for labor for laying 30 feet Bull-headed Rails, Rs. 968.

e. Includes cost of reserve Stone Ballast, Rs. 5,000.

MADRAS-ENNUR RAILWAY.

ABSTRACT **A.**

Engineering Department.

Estimate of the actual expenditure anticipated in maintaining the Madras-Ennur Section of the Bezwada-Madras Railway for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, 31st Dec. 1898.
1st—General Superintendence—		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
(3) *Subordinate Superintendents—*									
Permanent-Way Inspector ...	3rd class	100	1	100	600	1	100	600	440
(6) *Office Expenses—*									
Inspector's Writer	...	100 and below.	1	15	90	1	15	90	88
General.									
Contingencies	...	...	...	...	40	...	...	40	...
Stationery	...	...	...	...	60	...	...	60	9
Total I (6) ...	...	...	...	...	190	...	...	190	97
Total I ...	...	...	...	...	790	...	...	790	537

	Amount.	Total.	Amount.	Total.	Amount.	Total.
Total I. General Superintendence as above ...	...	790	...	790	...	537
2nd—Maintenance and Renewal of Permanent-Way—						
(1) Wages	1,962		a 2,046		2,376	
(2) Materials	1,250		1,250		600	
		3,212		3,296		2,976
3rd—Repairs of Bridges, &c., Wages and Materials—						
(1) Bridges and Tunnels	100		100		28	
(2) Miscellaneous, including Earthwork, Roads, Fencing, &c.	300		300		286	
		400		400		314
4th—Repairs of Stations and Buildings, Wages and Materials—						
(1) Repairs of buildings of every description, including Station yards and Signals, but excepting quarters for the Staff...	50		50		b 194	
(2) Repairs of Staff Quarters	100		100		93	
		150		150		287
5th—Maintenance by Contract—						
(1) Amount paid to Contractors	...		...		...	
(2) Materials supplied by the Company	...		...		...	
6th—New Minor Works	120		120		12	
		120		120		12
7th—Unclassified Expenditure—						
(1) Plantations	...		...		...	
(2) Tools and Plant	50		50		45	
(3) Loss on Stores	...		...		...	
(4) Loss by Exchange	...		...		16	
(5) Carriage of Revenue Stores	350		350		36	
		400		400		97
Total Abstract A—Maintenance of Way, Works and Stations ...	...	5,072	...	5,156	...	4,223
Cost of maintaining a mile of track including sidings ...	...	472	...	480	...	394

* This estimate is subject to continuance of agreement for working the Branch.

EXPLANATORY NOTE.

a. Increase owing to provision made for Night Watchmen Rs. 84.

b Includes expenditure on Scheduled Works.

MADRAS-ENNUR RAILWAY.

APPENDIX **A**. *to Maintenance Estimate (not for Audit purposes) for the Half-year ending 31st December 1899.*

Miles maintained.	Departmentally.	By Contract.	Total.
	Miles.		Miles.
Railway Line, single	8½	...	8½
Sidings	2¼	...	2¼
Total single track including sidings...	...	...	10¾

Description of work.	Amount.	Total.	Remarks.
	Rs.	Rs.	
II. Maintenance and Renewal of Permanent way.			
1. *Wages*—			
(1) 4 Gangs	1,080		Ordinary Gangs consisting of—
(2) Establishment ...	*a* 966		4 Gang Maistries, aggregate monthly pay ... Rs. 40
		2,046	20 Gang coolies, do. ... ,, 140
			,, 180 × 6 = Rs. 1,080 (1)
2. *Materials*—			
(3) Ballast (sand) ...	1,250	1,250	
			Establishment.
			1 Section Maistry ... Rs. 15
			1 Blacksmith ... ... ,, 17
			1 Hammerman ... ... ,, 8
			1 Bellows Boy ... ... ,, 5
			1 Store Watchman ... ,, 7
			1 Staff Quarters, do. ... ,, 7
			1 Butler and Cook ... ,, 10
			1 Waterwoman ... ... ,, 4
			1 Dhoby ... ... ,, 1
			1 Bricklayer ... ... ,, 15
			2 Coolies at Rs. 7 each ... ,, 14
			1 Station Watchman ... ,, 7
			4 Line do. at Rs 8 each ,, 32
			Repairs to turn-table and weigh bridge, &c. ... ,, 5
			,, 147 × 6 = Rs. 882
			4 Night Whatchmen at Rs. 7 each for 3 months. ... 84
Total Head II. Abstract A.	...	3,296	,, 966 (2)

EXPLANATORY NOTE.

(*a*) Includes provision for 4 Night Watchmen at Rs. 7 each for 3 months.

NILGIRI RAILWAY COMPANY, LD.

ABSTRACT **A**.

Engineering Department.

Authorizations for the half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Amount.	Total for the Half-year.	Estimate. No.	Amount.	Total for the Half-year.	Actuals for the Half-year 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
1st—General Superintendence—									
1. *Engineers' Salaries—*									
Senior Executive Engineer ...	...	~~750~~	...	...	...	~~1~~	700	~~1,200~~	...
Junior Do. ...	...	...	...	...	...	...	...	...	...
Exchange Compensation Allowance	...	...	...	...	...	...	...	300	...
Total (1 ...	...	...	...	...	...	...	...	~~1,500~~	...
2. *Allowances of Engineers including Travelling*	...	...	...	...	...	...	...	~~900~~	...
3. *Subordinate Superintendents—* Inspector	...	350	-	-	-	1	350	2 100	
Sub-Inspectors	...	100 & below.	2	125	750	2	125	750	...
Workshop's Foreman ...	...	Do.	1	60	360	1	60	360	...
Total I - (3) ...	...	...	3	...	1,110	~~4~~ 3	...	~~1,110~~ 3210	...
4. *Allowances of Subordinate Superintendents including Travelling*	...	...	...	...	...	...	...	...	...
6. *Office Expenses—*									
Clerks, Storekeeper, Timekeeper and Inspector's Writer	...	100 & below.	4	125	750	4	125	750	...
Peons	...	...	4	36	162	2	18	a 108	...
Total I—(6) ...	...	...	8	...	912	6	...	858	...
General—									
Contingencies	...	...	...	...	363	...	...	367	...
Stationery	...	...	...	...	200	...	...	b 300	...
Total, General Superintendence ...	...	...	...	...	2,585	...	...	~~2,705~~ 4735	...

EXPLANATORY NOTE.

This does not require the Sanction of the Secretary of State for Secretary's Signature

a. Decrease owing to provision for 2 peons instead of 4.

b. Increase due to actual requirments foreseen.

NILGIRI RAILWAY COMPANY, LD.

ABSTRACT **A.**

Engineering Department.

Maintenance of Way, Works and Stations for the Half-year ending 31st December 1899.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for the Half-year, 31st December 1898.	
	Amount.	Total.	Amount.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	...	2,585	...	~~7,735~~ 4735	...	...
2nd—Maintenance and Renewal of Permanent Way—						
(1.) Wages	7,847	...	*a* 7,499	...	...	...
(2.) Materials	2,150		*b* 4,000		...	...
		9,997		11,499		
3rd—Repairs of Bridges, &c., Wages and Materials—						
(1.) Bridges and Tunnels	450	...	450	...	...	...
(2.) Miscellaneous, including Earthwork, Roads, Fencing, &c.	350		*c* 5,400		...	...
		800		5,850		
4th—Repairs of Stations and Buildings, &c., Wages and Materials—						
(1.) Repairs of buildings of every description, including station yards and signals, but excepting quarters for the Staff	250	...	250	...	...	...
(2.) Repairs of Staff quarters	800		800		...	...
		1,050		*d* 1,050		
5th—Maintenance by contract—						
(1.) Amount paid to Contractors ...	...	...	...	...	...	...
(2.) Materials supplied to the Company.	...	...	...	..	...	
6th—New Minor Works	...	...	...	...	...	...
7th—Unclassified Expenditure—						
(1.) Plantations	...	...	...	...	...	...
(2.) Tools and Plant	300	...	300	...	...	...
(3.) Loss on Stores	...	...	...	...	...	...
(4.) Loss by Exchange	...	...	...	...	...	...
(5.) Carriage of Revenue Stores ...	200		200		...	...
		500		500		
Total Abstract A—Maintenance of Way, Works and Stations	...	14,932	...	~~21,634~~ 26,634	...	...
Cost of maintaining a mile of track including sidings	...	824	...	~~1,304~~ 1,460	...	...

EXPLANATORY NOTE.

a. Decrease owing to provison made for 2 Engineer's peons instead of 4 men at Rs. 9 each., Rs. 108.
Do. owing to less provision made for Lorrymen, Rs. 240.

b. Increase owing to provison for sleepers.

c. Provision for removing slips during North-East Monsoon Rs. 5,000.
Includes increased provision for level crossing Rs. 50.

d. Includes Rs. 360 for rent of office building for six months at Rs. 60.

NILGIRI RAILWAY COMPANY, LD.

Appendix A. to Maintenance Estimates (not for Audit purposes) for the Half-year ending 31st December 1899.

Miles maintained.	Departmentally.	By Contract.	Total.
	Miles.		Miles.
Railway Line, Single	16¾	...	16¾
Sidings	1¾	...	1¾
Total single track including sidings ...	...	...	18½

Description of Works.	Amount.	Total.	Remarks.
	Rs.	Rs.	
II.—Maintenance and Renewal of Permanent Way—			*Ordinary Gangs consisting of*— Rs. Rs.
1. *Wages*—			10 Gang Maistries aggregate monthly pay. 150
(1) 10 Gangs	4,500		60 Gang coolies do. 600
(2) ~~6~~ 4 Lorrymen	*a* 240		750 × 6 = 4,500 (1)
(3) Establishment	2,759		4 Lorrymen do. 40 × 6 = 240 (2)
		7,499	
2. *Materials*—			
(4) Ballast	2,000		
(5) Sleepers &c.	2,000		
		4,000	
Total Head II, Abstract A. ...		11,499	

Establishments.

	Rs.	A.	P.	Rs.	A.	P.
1 Masonry Maistry ...	30	0	0			
2 Bricklayers ...	40	0	0			
1 Carpenter Maistry...	35	0	0			
3 Carpenters ...	60	0	0			
1 Blacksmith Maistry.	35	0	0			
2 Blacksmiths ...	40	0	0			
3 Hammermen ...	33	12	0			
3 Bellows Boys ...	18	0	0			
2 Engineer's Lascars...	18	0	0			
4 Coolies	40	0	0			
11 Line Watchmen ...	110	0	0			
	459	12	0	× 6 = 2,758	8	0 (3)

EXPLANATORY NOTE.

a. Provision made for 4 Lorrymen instead of 8 Lorrymen in the Rolls for previous half-year.

b. Provision made for 2 Engineers' Lascars instead of 4 in the Rools for previous half-year.

MADRAS RAILWAY.

ABSTRACTS B AND C.

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
I.—General Superintendence—									
(1) *Salaries of Superintendents and Assistants—*									
Locomotive and Carriage Supt. ...	...	1,000-1,636	1	1,636	9,816	1	1,636	*a* 9,816	...
Deputy do. do. do. ...	...	850-1,000	1	900	5,400	1	950	*b* 5,700	...
1st Asst. do. do. do. ...	2nd Class.	550—650	1	275	1,650	1	325	*c* 1,950	...
Ag. do. do. do. do. ...	...	...	1	475	2,850	1	550	*d* 3,300	...
2nd do. do. do. do. ...	3rd Class.	350—450	...	...	...	...	...	...	...
Exchange Compensation Allowance.	...	...	...	...	1,526	...	...	*e* 1,623	...
			4	...	21,242	4	...	22,389	21,696
Deduct chargeable to Capital ...	...	...	...	...	...	...	...	...	...
Total I—(1) ...	...	...	4	...	21,242	4	...	22,389	21,696
(2) *Allowances of Superintendents and Assistants, including Travelling*	...	...	...	...	950	...	...	*f* 950	890
(3) *Subordinate Superintendents—*									
PERAMBUR WORKS.									
Foreman, Erecting Shop ...	...	350	1	350	2,400	1	350	2,400	...
Personal Allowance ...	...	50		50			50		
Erector and Fitter ...	...	300	1	237	1,422	1	237	1,422	...
Foreman, Machine Shop...	...	350	1	325	2,025	1	350	*g* 2,100	...
Turner	...	200	1	200	1,200	1	200	1,200	...
Foreman, Boiler Shop ...	...	350	1	350	2,100	1	350	2,100	...
Boilersmith	...	300	1	237	1,422	1	237	1,422	...
Foreman, Carriage Shop ...	...	350	1	350	2,400	1	350	2,400	...
Personal Allowance ...	...	50		50			50		
Carried over ...	...	...	7	...	12,969	7	...	13,044	...
	...	...	4	...	22,192	4	...	23,339	22,586

EXPLANATORY NOTE.

a. Mr. C. E. Phipps, Rs. 1,636.

b. Mr. A. Pilkington, Rs. 950. Increased rate of salary provided, G. I. No. 700 R. E., dated 18th April 1899 and M. G. O. No. 520 Ry. dated 3rd May 1899.

c. Mr. H. J. Stanley, Rs. 325, do. do. do. do.
On furlough from 1st November 1898. (*Vide* M. O. M. of 18th October 1898).

d. Mr. P. G. Porteous $\left(\text{Rs. } \frac{450+650}{2}\right)$ = Rs. 550. Increased rate of salary provided, G. I. No. 700 R. E., dated 18th April 1899, and M. G. O. No. ~~250~~ 520 Ry., dated 3rd May 1899.

e. Calculated at Exchange of 1*s.* 3¾*d.* per rupee.

f. Includes Rs. 100 for periodical inspection of Nilgiri Railway.

g. Increase of pay from 1st April 1899.

MADRAS RAILWAY.

ABSTRACTS **B** AND **C**—*(continued)*.

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	4	...	22,192	4	...	23,339	22,586
	...	...	7	...	12,969	7	...	13,044	...
I.—General Superintendence—*(continued)*.									
(3) *Subordinate Superintendents*—(concluded).									
PERAMBUR WORKS—*(concluded)*.									
Assistant Carriage Foreman ...	...	300	1	300	1,800	1	300	1,800	...
Carriage Painter	...	237	1	237	1,422	1	237	1,422	...
Foreman, Smith Shop	...	350	1	325	1,950	1	325	*a* 2,019	...
Spring Smith	...	300	1	250	1,500	1	250	1,500	...
Foreman, Foundry	...	350	1	350	2,100	1	350	2,100	...
Weigh Bridge and Weighing Machine Inspector	...	325–375	1	350	2,076	1	325	*b* 1,950	...
RUNNING SHED.									
Foreman, Madras	...	350	1	350	2,100	1	350	2,100	...
Do. Jalarpet	...	350	1	350	2,100	1	350	2,100	...
Do. Podanur	...	350	1	350	2,100	1	350	2,100	...
Do. Nundalur	...	350	1	325	1,950	1	350	*c* 2,100	...
Do. Gooty	...	350	1	350	2,100	1	350	2,100	...
Do. Mettupoliyam	...	350	1	350	2,100	1	350	*d* 2,100	...
Do. Bangalore	...	350	...	...	...	...	...	*e* ...	...
Fuel Inspector...	..	300	1	300	1,800	1	300	1,800	...
Exchange Compensation Allowance.	...	...	...	...	1,744	...	...	*f* 1,606	...
			20	...	39,811	20	...	39,841	38,550
Deduct chargeable to Capital ...	...	...	...	...	...	...	...	...	...
Total I—(3) ...	...	...	20	...	39,811	20	...	39,841	38,550
(4) *Allowances of Subordinate Superintendents, including Travelling*	...	...	...	...	2,250	...	...	*g* 2,200	2,163
(5) *Overtime*	...	...	...	...	...	...	...	...	...
Carried over ...	...	...	24	...	64,253	24	...	65,380	63,299

EXPLANATORY NOTE.

a. Increase of pay under agreement from 8th October 1899. *Vide* Consulting Engineer's letter No. 2000 dated 16th June 1897 and Board's letter No. 961 dated 8th October 1897.

b. Provision is made for a new Inspector in place of Mr. G. W. Hanks. (*Vide* G. I, No. 516 R.E., dated 20th March 1899, and M. G. O. No. 365 Ry., dated 1st April 1899.)

c. Increase of Rs. 25 provided for Mr. A. Loader from 1st July 1899.

d. Extra appointment in connection with Nilgiri Railway.

e. It is not proposed at present to fill this appointment.

f. Calculated at Exchange of 1s. 3¼*d.* per rupee.

g. Includes provision of Rs. 300 for batta of Foreman, Nilgiri Railway.

MADRAS RAILWAY.

ABSTRACTS **B** AND **C**—(*continued*).

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	24	...	64,253	24	...	65,380	63,299
I.—General Superintendence —(*continued*).									
(6) *Office Expenses*—									
LOCOMOTIVE AND CARRIAGE SUPERINTENDENT'S OFFICE.									
Chief Draftsman	...	350	1	350	2,100	1	350	2,100	...
Draftsman	...	237	1	237	1,422	1	237	1,422	...
Exchange Compensation Allowance.	...	...	...	...	252	...	...	a 252	...
Accountant	...	300	1	300	1,800	1	300	1,800	...
Clerks	...	b 101—150	2	260	1,560	2	285	b 1,710	...
Do.	...	100 & below.	95	2,355	14,130	95	2,355	14,130	...
Menials*	...	...	17	139	834	17	139	834	...
			117	...	22,098	117	...	22,248	...
LOCOMOTIVE STORES, PERAMBUR.									
Storekeeper	...	200	1	200	1,200	1	200	1,200	...
Travelling Allowance	...	...	...	...	50	...	...	c 100	...
Contingencies, Stationery and Printing, Hot-weather Establishment and Stores	...	...	...	...	3,850	...	...	d 3,850	...
Total I—(6) ...	...	...	118	...	27,198	118	...	e 27,398	26,545
Total I, General Superintendence ...	...	...	142	...	91,451	142	...	e 92,778	89,844
Chargeable to Carriage and Wagon Expenses, carried over to page 42	...	...	...	...	18,290	...	...	18,556	17,969
Chargeable to Locomotive Expenses Carried over ...	...	...	...	...	73,161	...	...	74,222	71,875

a. Calculated at Exchange of 1s. 3¼*d.* per rupee.

b. Increase of Rs. 25 provided for one Clerk. It is considered that the maximum salary of these two clerks should be assimilated.

* 2 Moochees, 1 Duffadar, 3 Naigues and 11 Peons.

c. To accord closer with actuals.

d. Rs. 100 provided for Nilgiri Railway.

~~e. Includes provision for 6 extra Clerks. Rs. 600 over actuals for previous half-year.~~

e. The charges under this head have been apportioned as under:—
Locomotive Expenses 80 per cent.
Carriage and Wagon 20 per cent.
As against 80 and 20 per cent. in June 1899 and December 1898 half-years.

MADRAS RAILWAY.

ABSTRACT **B.**

Locomotive Expenses—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ..	...	...	...	...	73,161	...	...	74,222	71,875
II.—Running Expenses (Wages connected with the working of Locomotive Engines)—									
(1) *Wages of Drivers and Firemen.*									
Drivers, Covenanted (in charge) ...	...	250	1	250	1,500	1	250	1,500	...
Do. do.	...	250	2	250	3,000	2	250	3,000	...
Do. do.	...	218	...	...	...	..	...	...	...
Do. do.	...	219	...	...	..	...	...	...	...
Do. do.	...	219	...	...	...	...	...	...	...
Do. Uncovenanted (in charge) ...	...	250	3	750	4,500	3	750	4,500	...
Do. do.	...	101—200	66	...	60,000	66	...	*a* 57,300	...
Do. do.	...	100 & below.	65	..	20,000	65	...	*b* 22,000	...
Firemen do.	...	100 & below.	265	...	23,500	265	...	*c* 22,000	...
Brakesmen	...	...	10	...	800	10	...	*d* 800	...
Total II—(1) ...	...	...	412	...	1,13,300	412	...	1,11,100	1,02,556
(2) *Overtime Allowances* ...	...	...	...	...	41,500	...	...	*e* 40,000	38,733
(3) *All labour connected with fueling, cleaning and looking after engines in yard...*	...	...	...	...	31,750	...	...	*f* 31,000	30,800
(4) *Contingent expenses, including clothing and travelling expenses*	...	...	...	...	290	...	...	*g* 1,000	*h* 655
Total II, Running Expenses...	...	..	...	...	1,86,840	...	..	1,83,100	1,72,744
III.—Fuel—									
Actuals. Tons. Cwt. Lbs. — Estimate. Tons. Cwt. Lbs.									
18,986 2 0 — 1. Coal ... 24,646 3 73									
... ... — 2. Coke									
12 10 0 — 3. Patent Fuel ... 961 0 60	...	...	...	...	4,53,093	...	...	*j* 4,47,443	*i* 4,73,012
44,559 7 6 — 4. Wood ... 24,819 0 12									
Carried over ...	...	...	...	...	7,13,094	...	...	7,04,765	7,17,631

EXPLANATORY NOTE.

a. To accord more closely with actuals. Rs. 4,400 provided for Nilgiri Railway.
b. Do. do. See reduction above under Drivers Rs. 101 to 200.
c. Do. do. Rs. 1,000 provided on account of Nilgiri Railway.
d. Provided for Nilgiri Railway.
e. To accord more closely with actuals. Rs. 1,200 provided for Nilgiri Railway.
f. Includes Rs. 750 on account of Nilgiri Railway. Rs. 750 transferred to B. II. (4).
g. Includes Rs. 200 on account of clothing for Brakesmen on Nilgiri Railway and Rs. 750 transferred from B. II. (3).
h. Passage money for two Covenanted Drivers.

i.

	Tons	cwts.	lbs.			
1,559,578 engine miles at 50·30 lbs. =	18,986	2	0	Coal at Rs. 13-1-8 $\frac{4,762}{27,123}$ per ton ...	= Rs.	2,48,815
				Credited for Cinders ...	„	520
					„	2,48,295
				Add amount on account of Coal burnt ...	„	12,349
					„	2,60,644
at 26·77 lbs. =	12	10	0	P. Fuel at Rs. 21-3-9 per ton ...	= „	265
at 139·99 „ =	44,559	7	6	Wood at Rs. 2-2-0 per 1,000 lbs ...	= „	2,12,103
					„	4,73,012

j.

	Tons	cwts.	lbs.			
1,558,000 engine miles at 49·50 lbs =	24,646	3	73	Coal at Rs. 12-4-0 per ton ...	= Rs.	3,01,916
at 100·00 „ =	961	0	60	P. F. at „ 28-8-0 „ ...	= „	27,389
at 132·00 „ =	24,819	0	12	Wood at „ 2-2-0 per 1,000 lbs.	= „	1,18,138
						4,47,443

The whole of the patent fuel is for use on the Nilgiri Railway. Decrease as compared with previous estimate and also with actuals due to an anticipated more extended use of Coal and to the lower rate at which it is expected it will be possible to issue it to the Engines. A reduction is also anticipated in the general consumption per mile of both coal and wood, as compared with the actuals owing, in the former case, to the partially burnt coal at Raichur having been used up and in the latter to the discontinuance of the use of wood on the Jalarpet, Bangalore Districts, where the consumption is heaviest.

MADRAS RAILWAY.

ABSTRACT **B.**

Locomotive Expenses—(*concluded*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	7,13,094	...	...	7,04,765	7,17,631
IV.—Water (including Wages and Stores) ...	...	...	...	...	18,800	...	...	*a* 18,800	18,364
V.—Oil, Tallow and other Stores expended on Engines in work ...	...	...	...	...	29,600	...	...	*b* 28,600	26,282
VI.—Maintenance and Renewals of Locomotive Engines—									
1. Wages	...	...	...	...	1,24,000	...	...	*c* 1,22,258	...
2. Overtime	...	...	...	...	7,000	...	...	7,000	...
3. Materials	...	...	...	...	1,29,000	...	...	*d* 1,32,000	...
			...	...	2,60,000	...	...	*e* 2,61,258	*f* 2,65,325
VI-A.—Maintenance and Renewals of Machinery, Tools and Plant—									
1. Wages	...	...	...	...	4,500	...	...	4,500	...
2. Overtime	...	...	...	...	1,200	...	...	1,200	...
3. Materials	...	...	...	...	2,600	...	...	2,600	...
			...	...	8,300	...	...	*g* 8,300	7,168
VII.—New Minor Works ...	...	...	...	...	1,500	...	...	1,500	534
VIII.—Payments to other Lines—									
Haulage of Trains ...	...	...	...	...	...	...	...	...	...
IX.—Unclassified Expenditure—									
1. Loss on Stores ...	...	...	...	...	3,000	...	...	3,000	...
2. Loss by Exchange ...	...	...	...	...	42,000	...	...	45,000	...
3. Carriage of Revenue Stores	...	...	...	...	38,000	...	...	40,000	...
Total IX ...	...	...	...	...	83,000	...	...	*h* 88,000	*i* 60,618
Deduct sum chargeable to Fire Insurance Fund			...	...	11,14,294	...	...	11,11,223	10,95,922
			...	...	...	...	...	...	12,349
Deduct cost of working the Kolar Gold Fields Railway	...	...	...	...	11,14,294	...	...	11,11,223	10,83,573
			...	...	19,315	...	...	25,425	24,463
Deduct cost of working the Madras-Ennur Railway	...	...	...	...	10,94,979	...	...	10,85,798	10,59,110
			...	...	5,022	...	...	5,116	3,768
Deduct cost of working the Nilgiri Railway	...	...	...	...	10,89,957	...	...	10,80,682	10,55,342
			...	...	17,481	...	...	17,444	...
Total Abstract B, Locomotive Expenses	...	...	...	...	10,72,476	...	...	10,63,241	10,55,342

EXPLANATORY NOTE.

a. Rs. 300 provided on account of Nilgiri Railway.

b. To accord more closely with actuals. Rs. 600 provided for Nilgiri Railway.

c. Rs. 1,742 provision for Watch and Ward Staff transferred to Acstract E, "Police."

d. Includes Rs. 54,000 on account of 2 new engines and Rs. 16,000 for 2 ~~of two~~ new boilers, as against a similar provision last half-year.

e. Rs. 4,500 provided for Nilgiri Railway. Increase of Rs. 2,000 provided under Materials to meet anticipated heavier expenditure under Repairs.

f. A large amount of materials than usual was expended in this half-year in the renewals and repairs of boilers.

g. Rs. 200 provided for Nilgiri Railway.

h. Rs. 15,000 provided for Nilgiri Railway. Reduction anticipated in charges for loss by exchange on stores consumed by Madras Railway. Increase anticipated in charges for carriage of coal.

i. No new engines were charged in this half-year. There were also no charges on account of loss on stores.

MADRAS RAILWAY.

ABSTRACT **C.**

Carriage and Wagon Expenses—(*concluded*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for the Half-year, 31st December 1898.	
	Amount.	Total.	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—General Superintendence (as per page 36)	...	18,290	...	18,556	...	17,969
II.—Repairs and Renewals of Vehicles—						
COACHING VEHICLES—1.—Wages ...	38,200		a 37,980		32,079	
2.—Overtime ...	500		500		879	
3.—Materials ...	51,200		52,500		38,138	
	89,900		b 90,980		c 71,096	
GOODS VEHICLES— 1.—Wages ...	39,700		* 39,146		39,014	
2.—Overtime ...	1,000		1,000		1,113	
3.—Materials ...	39,340		40,840		56,173	
	80,040		d 80,986		e 96,300	
II A.—Repairs and Renewals of Machinery, Tools and Plant—						
1.—Wages ...	2,800		2,800		2,132	
2.—Overtime ...	750		750		449	
3.—Materials ...	2,500		2,500		1,741	
	6,050		6,050		4,322	
		1,75,990		1,78,016		1,71,718
III.—Cleaning Carriages and Wagons and Oiling—						
1. Labour including wages of Oilers, Carriage Cleaners and Examiners	21,000		21,000		19,757	
2. Stores, including oil, grease and other stores for consumption on Running Vehicles	18,250		16,800		14,831	
		39,250		f 37,800		34,588
IV.—New Minor Works	...		...		...	
V.—Unclassified Expenditure—						
1. Loss on Stores	1,500		1,500		...	
2. Loss by Exchange	15,200		15,500		15,562	
3. Carriage of Revenue Stores ...	2,500	19,200	2,500	g 19,500	1,436	16,998
	...	2,52,730	...	2,53,872	...	2,41,273
Deduct cost of working the Kolar Gold Fields Railway	...	4,381	...	5,806	...	5,386
	...	2,48,349	...	2,48,066	...	2,35,887
Deduct cost of working the Madras-Ennur Railway	...	1,139	...	1,168	...	829
	...	2,47,210	...	2,46,896	...	2,35,058
Deduct cost of working the Nilgiri Railway ...	...	3,965	...	3,985	...	...
Total Abstract C., Carriage and Wagon Expenses	...	2,43,245	...	2,42,911	...	2,35,058

EXPLANATORY NOTE.

a. Rs. 520 provision for Watch and Ward Staff transferred to Abstract E, "Police."

b. Rs. 1,000 provided for Nilgiri Railway. A slight increase based on actuals provided under Materials for ordinary repairs. Rs. 32,000 provided for renewals of 8 IIIrd class carriages as against a similar provision last half-year.

c. Only Rs. 5,142 expended in renewals in this half-year.

* Rs. 654 provision for Watch and Ward Staff tranferred to Abstract E. "Police."

d. Includes Rs. 12,180 for renewal of 4 cattle wagons and 2 brake vans as against a similar provision last half-year and Rs. 2,200 for repairs of Nilgiri Railway Goods Stock. A slight increase, based on actuals, provided under Materials for ordinary repairs.

e. Rs. 24,427 expended in renewals in this half-year.

f. To accord more closely with actuals. Rs. 1,250 provided for Nilgiri Railway

g. Rs. 800 provided for Nilgiri Railway.

MADRAS RAILWAY.

Locomotive Department.

APPENDIX **A** TO ABSTRACTS **B** AND **C**.

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1899.

Mileage rate for Locomotive and Carriage and Wagon Expenses.

The actual train-mileage for the half-year ended 31st December 1898 was 1,302,972, and it is estimated that the train-mileage for the half-year ending 31st December 1899 will be 1,303,000 and the following represents the average rates per train-mile as compared with actuals :—

	Estimate.	Actuals.
	As.	As.
B II—Running Expenses	2·25	2·12
B III—Fuel	5·50	5·81
B IV—Water	0·23	0·23
B V—Oil, Tallow and other Stores	0·35	0·32
B VI—Maintenance and Renewals of Locomotive Engines ...	3·23	3·26
B VI-A—Maintenance and Renewals of Machinery, Tools and Plant	0·10	0·09
C II—Repairs and Renewals of Vehicles	2·13	2·06
C II-A—Repairs and Renewals of Machinery, Tools and Plant ...	0·07	0·05
C III—Cleaning Carriages and Wagons and Oiling	0·46	0·42
	14·32	14·36

	Rs.	Rs.
Estimated cost of running 1,303,000 train-miles	11,63,317	...
Actual cost of running 1,302,972 train-miles	...	11,69,200
Add—Charges for Superintendence, New Minor Works, Payments to other Lines and Unclassified Expenditure ...	2,01,778	1,67,995
	13,65,095	13,37,195
Deduct—Cost of working the Kolar Gold Fields Railway	31,233	29,849
	13,33,862	13,07,346
,, ,, Madras-Ennur Railway	6 281	4,597
	13,27,581	13,02,749
,, ,, Fire Insurance Fund	...	12,349
,, ,, Nilgiri Railway	13,27,581	12,90,400
	21,429	...
TOTAL (ABSTRACTS B AND C)—LOCOMOTIVE AND CARRIAGE AND WAGON EXPENSES	13,06,152	12,90,400

MADRAS RAILWAY.

APPENDIX **B** TO ABSTRACTS **B** AND **C**.

Locomotive Department.

Rates of Wages for different Trades current at the Perambur Works.

No.	Designation.	European and Eurasian.				Native.			
		1st Grade.		2nd Grade.		1st Grade.		2nd Grade.	
		Rs.	A.	Rs.	A.	Rs.	A.	Rs.	A.
1	Chargeman (Erectors)	6	0	...		...		...	
2	1st Mates	4	0	...		...		...	
3	Fitters	3	8	2	0	0	12	...	
4	Turners	3	0	1	12	0	12	...	
5	Machinemen	...		...		0	10	0	6
6	Copper Smiths	...		...		0	12	...	
7	Smiths	...		...		0	12	0	8
8	Strikers	...		...		0	6	...	
9	Platers	4	0	...		...		...	
10	Boiler Smiths	3	0	1	12	0	12	...	
11	Rivetters	...		...		0	12	...	
12	Angle-iron Smiths	...		...		1	0	...	
13	Spring Smiths	...		...		0	12	...	
14	Carriage Lifters	2	0	1	8	...		...	
15	Do. Fitters	1	0	...		0	10	...	
16	Carpenter Maistry	...		...		1	8	...	
17	Carpenters	...		...		0	12	0	8
18	Painters	...		...		0	12	0	8
19	Trimmers	...		...		0	8	...	
20	Sawyers (Machinemen)	2	0	...		0	12	...	
21	Saw-sharpeners	...		...		0	10	...	
22	Moulders	2	0	...		0	12	0	8
23	Tin Smiths	...		...		0	10	...	
24	Cobblers	...		...		0	8	...	
25	File-cutters	...		...		...		...	
26	Coolies	...		...		0	4	...	

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT **D.**

Traffic Department.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year ending 31st Dec. 1898.
1st.—Salaries, Wages, &c.		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
(a) General Superintendence.									
(1.) Traffic Manager	Unclassified.	1,200—1,500	1	1,500	9,000	1	1,500	*a* 9,000	....
Deputy Traffic Manager ...	Do.	850—1,000	1	1,000	6,000	1	1,000	*b* 6,000	...
Assistant do. do. ...	1st Class.	+ ~~700—800~~ ~~727—818~~	1	818	4,909	1	818	*c* 4,909	...
Do. do. do. ...	Do.	+ ~~700—800~~ ~~727—818~~	1	409	2,455	1	409	*d* 3,418	...
Do. do. do. ...	2nd Do.	~~550—650~~ ~~727—818~~	1	727	4,364	1	~~727~~	*e* 4,~~150~~	...
Do. do. do. ...	~~2nd Class.~~ D	550—650	1	318	1,909	1	325	*f* 1,950	...
Do. do. do. ...	3rd Do.	+ ~~350—450~~ ~~550—650~~	1	545	3,273	1	552	*g* 3,31~~4~~	...
Do. do. do. ...	~~3rd Class.~~ D	+ ~~350—450~~ ~~410—155~~	1	545	3,273	1	545	*h* 3,0~~69~~	...
Do. do. do. ...	Do.	+ ~~350—450~~ ~~410—155~~	1	410	2,460	1	410	*i* 2,460	...
Traffic Inspector ...	...	101—200	1	125	750	1	125	750	...
Tarpaulin Inspectors ...	...	100 & below.	2	70	420	2	70	420	...
Exchange Compensation Allowance	...	...	...	...	2,689	...	...	*j* 2,~~700~~	...
Commission on Tourists' Tickets	...	...	...	250	1,500	...	167	*k* 1,000	...
			12	...	43,002	12	...	2~~3~~,~~100~~	*l* 4~~3~~,997
(2.) Office Establishment—									
HEAD-QUARTERS.									
Clerk	Unclassified.	250—300	1	275	1,650	1	275	1,650	...
Clerks	Do.	101—200	4	575	3,450	4	575	3,450	...
Do.	Do.	100 & below.	85	2,335	14,010	85	2,335	14,010	...
Menials *	Do.	...	25	188	1,128	25	188	1,128	...
DISTRICTS.			115	...	20,238	115	...	20,238	17,380
Acting Office Assistants ...	Unclassified.	125	3	375	2,250	...	..	*m*	...
Clerks	Do.	100 & below	43	995	5,970	43	995	*n* 5,970	...
Menials †	Do.	...	17	119	714	17	119	714	...
			63	...	8,934	60	...	6,684	7,397
(3.) Travelling Allowances ..	...	...	...	750	4,500	...	750	4,500	3,494
(4.) Contingencies	...	...	...	84	500	...	84	500	415
Carried over...	...	..	...	...	77,174	...	...	~~75,852~~ 74,997	77,683

EXPLANATORY NOTE.

+ These rates will apply to all future appointment and promotions.

a. Mr. F. W. Read, Rs. 1,500.

b. „ D. Ross-Johnson, Rs 1,000.

c. „ J. L. Taylor, Rs. 818.

d. „ W. A. Wilkinson, Rs. 409-1-5. On furlough up to 20th October 1899, and Rs. 818-2-10 from 21st October 1899.

e. „ G. Wallington, (Rs. $\frac{818\text{-}2\text{-}10 + 636\text{-}5\text{-}9}{2} = 727\text{-}4\text{-}4$) Acts for Mr. Wilkinson on furlough up to 20th October 1899, and Rs. ~~636-5-9~~ from 21st October 1899.

f. „ W. H. Johnstone, Rs. 325. Increased rate of salary provided, G. I., No. 700 R. E., dated 18th April 1899 and M. G. O. No. 520 Ry., dated 3rd May 1899. On sick leave.

g. „ R. Greenall, (Rs. $\frac{650 + 454\text{-}8\text{-}8}{2} = 552\text{-}4\text{-}4$) Acts for Mr. Johnstone. do. do. do. do. do.

h. „ E. R. Ross, (Rs. $\frac{454\text{-}8\text{-}8 + \text{Rs. } 636\text{-}5\text{-}9}{2} = \text{Rs. } 552\text{-}8\text{-}4$) Acts for Mr. Wallington up to 20th October 1899, and Rs. 454-8-8 from 21st October 1899.

i. „ G. W. Giles, Rs. 410.

j. Calculated at Exchange of 1s. 3¾*d.* per rupee.

k. In December half-year commission traffic is lighter.

l. Includes Rs. 7364 being the amount paid to Mr. G. R. Byron as gratuity.

* 3 Lithographic Peons, 2 Book-binders, 16 Peons and 4 Punkahmen.

m. Four traffic divisions reverted to and these temporary posts abolished from 15th May 1899.

n. Includes provision for one Clerk on Rs. 20 per mensem on account of Nilgiri Railway.

† 4 Lithographic Peons, 9 Peons and 4 Punkahmen.

MADRAS RAILWAY.

ABSTRACT **D**

Traffic Department—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, ending 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	77,174	...	...	~~74,981~~ 75,032	77,683
1st—Salaries, Wages, &c. —(*continued*).									
(*b*) *Station Staff.*									
Station Masters	1st Class.	250	1	250	1,500	1	250	1,500	...
Do. do.	Do.	225	2	450	2,700	2	450	2,700	...
Do. do.	Do.	101—200	16	2,200	13,200	16	2,200	13,200	...
Do. do.	Unclassified.	100 & below.	312	8,441	50,646	313	8,499	*a* 50,994	...
Block Signalmen and Overtime Allowance	Do.	25—50	9	375	2,250	9	375	2,250	...
Coaching Clerks	Do.	100 & below.	164	3,870	23,220	166	3,910	*b* 23,460	...
Goods Agent	Do.	400	1	400	2,400	1	400	2,400	...
Do. Personal allowance.	...	...	...	...	...	...	100	*c* 600	...
Goods Clerk	Do.	101 to 200	1	135	810	1	135	810	...
Goods Clerks	Do.	100 & below.	166	4,617	27,702	166	4,617	27,702	...
Shunting Masters, &c.	Do.	10—60	95	2,446	14,676	97	2,481	*d* 14,886	...
Menials	Do.	...	1,936	13,741	82,446	1,956	13,870	*e* 83,220	...
Gatemen	Do.	...	291	1,679	10,074	291	1,679	10,074	...
Allowances	...	...	...	250	1,500	...	250	1,500	...
Loading and Unloading	...	...	...	500	3,000	...	67	*f* 400	...
			2,994	...	2,36,124	3,019	...	*g* 2,35,696	2,11,607
Deduct amount on account of expenses at Joint Stations ...	...	...	...	...	16,000	...	...	16,000	17,103
			2,994	...	2,20,124	3,019	...	2,19,696	1,94,504
Train Staff.									
Guards and Assistant Guards ...	...	100 & below.	193	8,945	53,670	193	8,945	*h* 53,670	...
Mileage Allowances	...	...	...	2,000	12,000	...	2,000	12,000	...
Travelling Ticket Collectors ...	...	...	4	153	918	4	153	918	...
Do. Allowances ...	...	...	...	25	150	...	25	150	...
			197	...	66,738	197	...	66,738	60,800
Carried over ...	...	...	...	...	3,64,036	...	...	3,61,~~434~~ 415	3,32,987

EXPLANATORY NOTE.

	Amount. Rs.	No.	
a.	10	0	Increased wages for Senior Station Master, Ennur.
	45	1	Station Master for Ranipet.
	25	1	Assistant Station Master for Ennur.
	80	2	
Less.	20	1	Station Clerk at Ponnai Road withdrawn.
	60	1	
	2	0	Less saving Rs. 2-0-0 per mensem between Rs. 2,152-0-0 in half-year 30th June 1899, and Rs. 2,154-0-0 in half-year 31st December 1899, being 1rd of the pay of Station Masters and Assistants chargeable to Telegraph.
	58	1	
b.	20	1	Luggage Clerk for Washermenpet.
	20	1	Assistant Booking Clerk, for Ranipet.
	40	2	

c. *Vide* G. of I. No. 610 R. E., dated 6th April 1899 and M. G. O., No. 455 Ry, dated 21st April 1899.

d.	20	1	Shunting Master for Ennur.
	15	1	No. Taker for Ennur.
	35	2	
e.	12	2	Porters at Rs. 6 each,
	7	1	Shunting Porter,
	6	1	Signal Peon, } for Ennur.
	10	1	Pointsman Maistry,
	14	2	Pointsmen at Rs. 7 each,
	18	3	Porters at Rs. 6 each for Washermenpet.
	7	1	Marker.
	7	1	Goods Shed Peon,
	36	6	Porters at Rs. 6 each, } for Ranipet.
	6	1	Scavenger,
	14	2	Pointsmen at Rs. 7 each,
	6	1	Scavenger for Yerragudipadu.
	6	1	Do. Kalamalla.
	149	23	
Less	6	1	Porter at Ponnai Road withdrawn.
	7	1	Pointsman at Reddipalli Do.
	7	1	Do. Nandalur Do.
	129	20	

f. Owing to contract system at Bangalore City having been discontinued.

g. Includes provision of Rs. 3,792 for Nilgiri Railway as per particulars in the Rolls for half-year June 1899.

h. Do. Rs. 1,680 do. do. do.

MADRAS RAILWAY.

ABSTRACT **D.**

Traffic Department—(*concluded*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year ending 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	3,64,036	...	...	3,61,486 15	3,32,987
2nd.—Fuel, Lighting, Water and General Stores—									
(1) Fire, Lights, Water and General Stores	...	...	...	6,666	40,000	...	6,666	40,000	...
(2) *Wagon Covers and Ropes*—									
Tarpaulin Repairers ...	...	12	30	270	1,620	30	270	1,620	...
Do. Materials ...	...	...	...	833	5,000	...	1,000	*a* 6,000	...
(3) Office and Station fittings and furniture	...	...	...	333	2,000	...	333	2,000	...
			30	...	48,620	30	...	49,620	44,785
3rd.—Clothing	...	...	...	1,083	6,500	...	1,083	6,500	5,431
4th.—Printing, Stationery and Tickets—									
Printing, Stationery, &c., for Traffic Department	...	...	...	...	33,500	...	...	33,500	...
Ticket Printing Office.									
Ticket Printers, &c.	...	100 & below.	10	278	1,668	10	278	1,668	...
Tickets and Stationery	...	...	...	...	4,500	...	...	4,500	...
			10	...	39,668	10	...	39,668	38,541
5th.—Charges for delivery and collection of goods.	...	...	...	500	3,000	...	500	*b* 3,000	1,464
6th.—Miscellaneous Expenses	...	...	...	125	750	...	125	750	...
Clock Winders	...	15—25	5	100	600	5	100	600	...
Repairs of Weighing Machines ...	...	...	...	...	1,800	...	...	1,800	...
Lamp Repairers	...	3—25	5	60	360	5	60	360	...
			10	...	3,510	10	...	3,510	2,641
7th.—Payments to other Lines—									
Expenses at Joint Stations ...	...	...	...	1,166	7,000	...	1,166	7,000	8,345
8th.—Unclassified Expenditure—									
Loss on Stores	...	...	...	...	...	...	...	...	...
Carriage of Revenue Stores ...	...	...	...	250	1,500	...	250	1,500	...
Loss by Exchange	...	...	...	1,000	6,000	...	1,000	6,000	...
			...	...	7,500	...	...	7,500	7,212
			...	...	4,79,834	...	...	4,78,284 43	4,41,406
Deduct sum chargeable to Fire Insurance Fund...	...	...	...	...	...	...	...	...	121
			...	...	4,79,834	...	...	4,78,284 43	4,41,285
Deduct cost of working the Kolar Gold Fields Railway	...	...	...	...	8,317	...	...	10,948 2	9,853
			...	...	4,71,517	...	...	4,67,341 41	4,31,432
Deduct cost of working the Madras-Ennur Railway	...	...	...	...	2,162	...	...	2,201 3	1,518
			...	...	4,69,355	...	...	4,65,140 38	4,29,914
Deduct cost of working the Nilgiri Railway	...	...	...	...	7,528	...	...	7,508 5	...
Total Abstract D. Traffic Expenses	...	...	...	...	4,61,827	..	...	4,57,632 38	4,29,914

EXPLANATORY NOTE.

a. Slightly larger number of sheets for renewal.

b. Includes Rs. 1,000 for Ootacamund Out-Agency.

MADRAS RAILWAY.

Statement of Allowances to be paid to Officers and Servants of the Traffic Department provided for in the Establishment List for the Half-year ending 31*st December* 1899.

No.	Designation.	Allowances. Rs.	A.	P.	Nature of Allowances.
For Officers who joined the Service prior to 7th October 1887, the date of G. O. No. 783 R.					
	Traffic Manager	105	0	0	Fixed allowance in lieu of travelling expenses.
	Deputy Traffic Manager	60	0	0	Do. do. do.
	Asst. Traffic Managers in charge of a Division.	60	0	0	Do. do. do.
	Do. do. N.-W. Line allowances.	50	0	0	Do. do. do.
	Do. do. Presidency allowances.	50	0	0	Do. do. do.
	Do. do.	...	...	...	Batta allowance according to scale when employed out of Madras on duty other than acting for an Officer on privilege leave.
1	Kalamalla Station	2	0	0	Water allowance.
1	Pattakotacheru do.	4	0	0	Do. do.
1	Nancherla do.	8	0	0	Do. do.
1	Molagavalli do.	2	0	0	Do. do.
1	Aspari do.	8	0	0	Do. do.
1	Nagarur do.	2	0	0	Do. do.
1	Kupgal do.	4	0	0	Do. do.
1	Kosgi do.	8	0	0	Do. do.
1	Tungabhadra do.	8	0	0	Do. do
1	Matmari do.	8	0	0	Do. do.
1	Station Master, Samalpatti	5	0	0	Special allowance, unhealthy station.
1	Do. Mallapuram	5	0	0	Do. do.
1	Assistant Station Master, Mallapuram ...	5	0	0	Do. do.
1	Station Master, Kadiampatti	5	0	0	Do. do.
1	Do. Walayar	5	0	0	Do. do.
1	Assistant Station Master, Walayar ...	2	8	0	Do. do.
1	Station Master, Kanyikod	5	0	0	Do. do.
1	Assistant Station Master, Rayapuram ...	2	8	0	House rent.
1	Do. Washermanpet ...	2	8	0	Do. *Vide* Minute No. 2 of the Official Meeting held on 26th February 1897.
1	Do. Perambur ...	2	8	0	House rent.
1	Station Master, Cauvery	...	...	...	Rent allowance Rs. 1-8-0 has been withdrawn.
1	Travelling Ticket Inspector	10	0	0	Fixed allowance in lieu of travelling batta.
3	Do. do. Collectors at Rs. 5 each ...	15	0	0	Do. do.
4	Pointsmen Inspectors	...	...	...	10 per cent. of salary allowance in lieu of batta—*Vide* Minute No. 8 of Official Meeting of 28th February 1896.
1	Mari uppam Station	8	0	0	Water allowance for Station Masters and Staff. On K. G. F. Railway.
1	Champion do.	8	0	0	
1	Urigam do.	8	0	0	
1	Balaghat do.	8	0	0	

All Guards working on the North-West Line between Arkonam and Raichur (1st and 2nd Divisions) are allowed 10 per cent. on their salaries.

Signallers in charge of Cuddapah, Gooty and Raichur Offices are allowed Rs. 10 each over and above their salaries, and the 2nd Grade Signallers placed at the above stations as well as the Signallers at Adoni are allowed at Rs. 5 each. Junior Signallers at Cuddapah, Gooty, Guntakal and Raichur Junctions are allowed 10 per cent. on their salaries.

Mileage Allowances.—Guards are allowed mileage allowance at the following rates per 100 miles worked :—

European and Eurasian Chief Guards	8 Annas.	As per G. O. No. 485 R. of 20th July 1897. Lower scale of allowance is proposed for disbursement.
Do. do. Under do.	4 do.	
Native Chief Guards	4 do.	
Do. Under do.	2 do.	

Traffic Manager's Office.—Staff Section Clerks' overtime. Staff Section Clerks are allowed two extra days' pay monthly when engaged on Sundays in preparing the Pay Sheets, provided that the total amount does not exceed Rs. 25.

An allowance of 25 and 15 per cent. on salaries is granted to Running Staff living at Coonoor and Mettupaliyam respectively, when engaged with trains on the Nilgiri Railway—*Vide* Consulting Engineer's No. 3131, dated 18th November 1898.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges.

Authorizations for the Half-year ending 31*st December* 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
1st.—Home Expenditure—									
(1.) Directors and Secretary or Managing Director ...	...	...	...	...	30,000	...	...	30,000	...
(2.) Auditors and Accountants...									
(3.) Consulting Engineer and Inspecting Officers' Fees and Travelling Allowances.	...	...	...	...	9,000	...	..	9,000	...
(4) Office Expenses	...	...	...	...	...	...	...	...	...
Total I—(1) to (4) ...	...	...	...	....	39,000	...	...	39,000	33,294
2nd.—Salaries of Indian Management including Offices—									
(1.) *Agent and Manager's Department—*									
Agent and Manager ...	...	2,500	1	2,500	15,000	1	2,500	*a* 15,000	...
Assistant do. ...	...	500—800	1	800	4,800	1	800	*b* 4,800	...
Exchange Compensation Allowance ...	...	...	...	...	1,295	...	...	*c* 1,295	...
			2	...	21,095	2	...	21,095	20,777
Chief Clerk ...	...	250—300	1	300	1,800	1	300	1,800	...
Clerks ...	...	100 & below.	21	780	4,680	21	780	4,680	...
Menials * ...	...	...	12	94	564	12	94	564	..
			34	...	7,044	34	..	7,044	6,351
Travelling Allowances ...	...	...	...	117	700	...	117	700	*d* 624
Total II—(1) ...	...	...	...	...	28,839	...	...	28,839	27,752
(2, 3 & 4.) *Chief Auditor's Department—*									
Superintendence—									
Chief Auditor ...	...	1,200—1,500	1	1,350	8,100	1	1,425	*e* 8,550	...
Deputy Auditor ...	...	850—1,000	1	800	4,800	1	950	*f* 5,700	...
Exchange Compensation Allowance ...	...	...	...	...	922	...	...	*g* 1,018	...
			2	...	13,822	2	...	15,268	13,749
Carried over ...	...	...	...	...	67,839	...	...	67,839	61,046

EXPLANATORY NOTE.

a. Mr. L. S. Moss, Rs. 2,500.

b. Mr. A. Edwards, Rs. 800.

c. Calculated at Exchange of 1*s.* 3¾*d.* per rupee.

* 1 Binder, 8 Peons, 1 Office Servant, 1 Staff Bungalow Peon and 1 Church Watchman.

d. Includes Rs. 9 paid on account of carriage hire.

e. Mr. F. Dunsterville, Rs. 1,425. Increased rate of salary provided (*Vide* Board's letter No. 953, dated 7th May 1897; G. I. No. 218 A. E., dated 3rd August 1897; and M. G. O. No. 563 R., dated 16th August 1897.

f. Mr. T. Wa'ke, Rs. 950. Increased rate of salary phovided: G. I., No. 700 R. E. dated 18th April 1899 and M. G. O., No. 520 Ry. dated 3rd May 1899.

g. Calculated at Exchange of 1*s.* 3¾*d.* per rupee.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31*st December* 1899.

PARTICULARS.	Class or Grade.	Monthly Salary	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year, 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	67,839	...	...	67,839	61,046
2nd. Salaries of Indian Management including Offices—(*continued*).									
(2, 3 & 4.) *Chief Auditor's Department* (continued)	...	...	...	...	13,822	...	...	15,268	13,749
General and Traffic Audit—									
Assistant Auditor ...	1st Class.	700—800	1	550	3,300	1	700	*a* 4,200	...
Assistant Auditor ...	3rd Class.	350—450	1	400	2,400	1	450	*b* 2,687	...
Assistant Auditor ...	3rd Class.	350—450	1	400	2,400	1	450	*c* 2,700	...
Exchange Compensation Allowance	...	...	...	...	579	...	...	*d* 685	...
			3	...	8,679	3	...	10,272	8,338
Accountant	...	250	1	250	1,500	1	250	1,500	1,350
Travelling Auditors ...	...	101 to 200	5	800	4,800	5	800	4,800	...
Do. do ...	...	100 & below.	1	100	600	1	100	600	...
			6	...	5,400	6	...	5,400	4,795
Head Clerks	...	101—200	2	350	2,100	2	350	2,100	...
Clerks	...	100 & below.	210	4,945	29,670	210	4,945	*e* 29,670	...
			212	...	31,770	212	...	31,770	28,409
Menials*	...	...	17	131	786	17	131	786	724
Store Audit—									
Store Auditor	...	150—200	1	200	1,200	1	200	1,200	...
Stock-takers	...	100 & below.	9	300	1,800	9	300	1,800	...
Menial	...	...	1	7	42	1	7	42	...
			11	...	3,042	11	...	3,042	2,726
Allowances, &c.—									
Travelling	...	...	...	338	2,030	...	338	2,030	1,692
Carried over ...	...	...	...	...	67,029	...	...	70,068	61,783
	...	...	...	...	67,839	...	...	67,839	61,046

EXPLANATORY NOTE.

a. Mr. A. Corben, Rs. 700. Increased rate of salary provided, G. I. No. 700 R. E., dated 18th April 1899 and M. G. O., No. 520 Ry. dated 3rd May 1899.

b. Mr. J. F. Dinwoodie, Rs. 450. do. from 9th July 1899 do. do. do. do.

c. Mr. A. H. Francis, Rs. 450. Increased rate of salary provided, G. I. No. 700 R. E., dated 18th April 1899 and M. G. O., No. 520 Ry. dated 3rd May 1899.

d. Calculated at Exchange of 1*s.* 3$\frac{1}{4}$*d.* per rupee.

e. Includes provision for 5 extra Clerks on Rs. 25 each per mensem for Nilgiri Railway, as per previous Bills

* 1 Moochee, 1 Binder and 15 Peons.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	67,839	...	...	67,839	61,046
	...	...	...	...	67,029	...	...	70,068	61,783
2nd.—Salaries of Indian Management including Offices—(*continued*).									
(2, 3 & 4.) *Chief Auditor's Department*—(concluded).									
(4.) *Cash and Pay Office*—									
Cashier	...	250—300	1	300	1,800	1	300	1,800	
Assistant to Cashier	...	150—200	1	200	1,200	1	200	1,200	
Pay Clerks	...	50 & below.	11	550	3,300	11	550	3,300	
Clerks	...	100 & below.	7	285	1,710	7	285	1,710	
Shroffs	...	25 & below.	5	110	660	5	110	660	
Cash Peons	...	...	23	175	1,050	23	175	1,050	
Guard Peons	...	...	15	107	642	15	107	642	
			63	...	10,362	63	...	10,362	9,935
Allowances, &c.—									
Travelling Allowances ...	...	...	...	...	650	...	...	650	569
Contingencies	...	...	...	...	450	...	...	450	482
Total II—(2) to (4) ...	...	...	...	...	78,491	...	...	81,530	72,769
Carried over ...	...	...	...	...	1,46,330	...	...	1,49,369	1,33,815

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year, 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	1,46,330	...	...	1,49,369	1,33,815
2nd.—Salaries of Indian Management including Offices —(*continued*).									
† (5.) *General Store Department*—									
General Storekeeper	...	400—600	1	500	3,071	1	550	*a* 3,300	...
Warders	...	101—200	2	325	1,950	2	325	1,950	...
Do.	...	20—70	4	160	960	4	160	960	...
Clerk	...	101—200	1	125	750	1	125	750	...
Clerks, Timekeeper, &c. ...	...	100 & below.	21	604	3,624	21	604	3,624	...
Travelling Clerk	...	90	1	90	540	1	90	540	...
Carpenters	...	...	2	44	264	2	44	264	...
Menials *	...	...	24	199	1,194	24	199	1,194	...
			56	...	12,353	56	...	12,582	11,958
Travelling Allowance ...	...	...	...	...	180	...	...	*b* 150	146
Total II—(5) ...	...	...	...	...	12,533	...	...	12,732	12,104
(6.) *Medical Department* —									
Medical Officer	...	450—650	1	650	3,900	1	650	*c* 3,900	...
Exchange Compensation Allowance	...	...	...	...	279	...	...	*d* 279	...
			1	...	4,179	1	...	4,179	4,157
Apothecaries	...	101—200	7	1,035	6,210	7	1,035	*e* 6,210	...
Do.	...	100 & below.	12	1,018	6,110	12	1,018	6,110	...
			19	...	12,320	19	...	12,320	8,888
Carried over ...	...	...	...	...	16,499	...	...	16,499	13,045
	...	...	...	...	1,58,863	...	...	1,62,101	1,45,919

EXPLANATORY NOTE.

† Expenditure on account of daily labour is distributed to using departments, and is not included in this estimate.

a Mr. J. Mitchell, Rs. 550, from 19th May 1899. (*Vide* M. G. O. No. 309 Ry., dated 22nd February 1898, and Board's letter No. 967, dated 14th January 1898.)

* 1 Moochee.
3 Travelling Peons.
6 Ward Peons.
2 Office do.
2 Guard do.
5 Book-binders.
1 Cooper.
1 Cooly Maistry.
1 Chickledar.
1 Marker.
1 Chuckler.

b. To accord with actuals.

c. Mr. J. Currie, Rs. 650.

d. Calculated at Exchange of 1*s.* 3¾*d.* per rupee.

e. Includes Rs. 210 on account of Nilgiri Railway

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31*st December* 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	1,58,863	...	...	1,62,101	1,45,919
	...	...	...	...	16,499	...	...	16,499	13,045
2nd.—Salaries of Indian Management including Offices—(*continued*).									
(6.) *Medical Department*—(concluded).									
Medical Storekeeper ...	...	...	1	50	300	1	50	300	300
Clerks	...	20—25	2	45	270	2	45	270	270
Menials *	...	...	18	139	836	18	139	836	815
			21	...	1,406	21	...	1,406	1,385
Contingencies.									
Allowance for Rent... ...	...	...	...	...	180	...	...	*a* 180	180
Carriage hire for Medical Officer	...	...	...	...	300	...	...	300	300
			...	...	480	...	...	480	480
Travelling Allowance ...	...	...	...	...	400	...	...	*b* 500	494
Total II—(6) ...	...	...	...	...	18,785	...	...	18,885	15,404
(7.) *Rents of Buildings and Lands*	..	...	...	...	1,100	...	...	1,100	...
(8.) *Furniture, Fittings and other Miscellaneous Expenses, Punkah and Tatty Coolies and Bhisties*—									
Agent and Manager's Office ..	...	...	...	...	120	...	...	120	119
Audit Office	...	...	...	...	381	...	...	381	343
General Stores' Office ...	...	...	...	...	36	...	...	36	36
Medical Department ...	...	...	...	...	...	...	...	...	...
Furniture, Fittings, &c. ...	...	...	...	...	3,050	...	...	3,050	3,392
Total II—(8) ...	...	...	..	...	3,587	...	...	3,587	3,890
(9.) *Printing and Stationery* ...	...	...	...	...	4,730	...	...	4,730	4,752
(10.) *Medicine and Contribution to Hospital*...	...	...	...	...	2,090	...	...	*c* 2,090	427
Total II ...	...	...	...	...	1,50,155	...	...	1,53,493	1,37,098
Carried over ...	...	...	...	...	1,89,155	...	...	1,92,493	1,70,392

EXPLANATORY NOTE.

* 17 Peons and 1 Lascar.

a. Allowance to Senior Apothecary.

b. To accord with actuals.

c. Includes Rs. 90 on account of Nilgiri Railway.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half year. No.	Sanctions for the previous Half year. Amount.	Sanctions for the previous Half year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs	Rs
Brought forward...	...	...	..	...	1,89,155	...	...	1,92,493	1,70,392
3rd—Police—									
(1.) *Supervision*—									
Chief Inspector	...	200 to 250	1	250	1,500	1	250	1,500	...
Inspectors	...	100 & below.	6	455	2,730	10	635	*a* 3,810	...
Sub-Inspectors	...	...	4	120	720	4	120	720	...
Clerk	...	...	1	20	240	1	20	240	...
Allowance to Head Clerk, Traffic Staff Section, for Police Department	...	...	...	20		...	20		
Record-keeper	...	...	1	15	90	1	15	90	...
Detectives	...	...	6	150	900	6	150	900	...
Checkers	...	...	10	120	720	10	120	720	...
Total III—(1) ...	...	..	29	...	6,900	33	...	7,980	6,234
(2.) *Constables*—									
Head Watchmen	...	...	12	267	1,602	16	387	*b* 2,322	...
Menials	...	...	230	1,418	8,508	286	1,800	*c* 10,800	...
Payments to Nizam's & Mysore Governments	...	...	...	...	1,500	...	...	1,500	...
Total III—(2) ...	..	...	242	...	11,610	302	...	14,622	10,386
(3.) *Contingencies*	...	...	...	...	3,700	...	...	3,700	2,709
Total III ...	...	...	...	...	22,210	...	...	26,302	19,329
Carried over ...	...	...	...	...	2,11,365	...	...	2,18,795	1,89,721

EXPLANATORY NOTE.

a Includes provision for 1 Inspector on Rs. 60 and 3 Sergeants on Rs. 40 each transferred from Watch and Ward Staff of Locomotive Department at Perambur Works.

b. Includes provision for 4 Watchmen on Rs. 30 each transferred from Watch and Ward Staff of Locomotive Department at Perambur Works.

c. Includes provision for two Watchmen on Rs. 8 each for Coonoor, Nilgiri Railway.
Do. for 56 Watchmen &c., Rs. 382 per mensem, transferred from Locomotive Department

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	2,11,365	...	...	2,18,795	1,89,721
4th.—Advertising (all advertisements of all Departments) ...	...	...	...	...	3,000	...	...	3,000	3,147
5th.—Electric Telegraph—									
(1.) *Salaries of Superintendents and Assistants—*									
Telegraph Engineer ...	...	700—900	1	250	1,620	1	700	*a* 4,200	...
Acting do. ...	...	...	1	625	3,584	...	...	...	...
Assistant do. ...	...	350—500	1	350	2,100	1	350	*b* 2,100	...
Exchange Compensation Allowance	...	...	...	...	624	...	...	*c* 450	...
Inspector	1st class.	200—$\frac{5}{250}$	1	250	1,500	1	250	1,500	...
Inspectors	2nd and 3rd classes.	101 to 200	2	220	1,320	2	220	1,320	...
Total V—(1) ...	...	...	6	...	10,748	5	...	9,570	9,487
(2.) *Signallers*	...	100 & below.	116	6,408	38,448	117	6,435	*d* 38,610	36,371
(3.) *Travelling Expenses* ...	...	...	...	...	1,380	...	...	1,380	988
(4.) *Office Expenses, Contingencies, &c.—*									
Head Writer	...	100 & below.	4	180	1,080	4	180	1,080	...
Writers									
Storekeepers	...	25—50	2	75	450	2	75	450	...
Peons	...	...	4	28	168	4	28	168	...
Travelling Expenses ...	...	...	...	10	60	...	10	60	...
Total V—(4) ...	...	...	10	...	1,758	10	...	1,758	1,438
(5.) *Maintenance, Wages and Stores—*									
Inspectors	...	100 & below.	10	580	3,480	10	580	3,480	...
Linemen	...	...	32	226	1,356	32	226	1,356	...
Trainmen	...	...	22	154	924	22	154	924	...
Intercommunication Maistries	...	...	5	95	570	5	95	570	...
Wages and Materials ...	...	...	...	...	19,234	...	...	19,234	...
Clothing	...	...	...	...	260	...	...	260	...
Total V—(5) ...	...	...	...	...	25,824	...	...	25,824	22,549
Carried over ...	...	...	...	...	78,158	...	...	77,142	70,833
	...	...	...	...	2,14,365	...	...	2,21,795	1,92,863

EXPLANATORY NOTE.

a. Mr. R. E. Pigott, Rs. 700. (*Vide* Board's letter No. 970 dated 11th March 1898, G. of I. No 2511 G. dated 12th August 1898 and M. G. O. No. 1077 Ry. dated 22nd August 1898.)

b. Mr. H. L. Prendergast, Rs. 350.

c. Calculated at Exchange of 1*s.* 3$\frac{3}{4}$*d.* per rupee.

d. One Signaller on Rs. 25 for Ennur and includes Rs. 2,154 per mensem, being $\frac{1}{3}$rd of the amount of Station Masters' salaries of small stations where no Signaller is kept as against Rs. 2,152 in previous half-year.

Includes provision for one Signaller on Rs. 30 for Cooncor.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*concluded*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year, 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	2,14,365	...	...	2,21,795	1,92,868
	...	...	...	...	78,158	...	...	77,142	70,833
5th—Electric Telegraph— (*concluded*).									
(6.) *Government Telegraph Department for Rents, &c.* ...	...	...	...	...	1,360	...	...	a 1,451	895
Total V ...	...	...	...	...	79,518	...	...	78,593	71,728
6th—Clearing Accounts with other Lines ...	...	...	...	...	...	...	...	...	...
7th—Unclassified Expenditure—									
(1.) *Loss on Stores*	...	...	...	...	...	...	...	...	...
(3.) *Expenses connected with Fire Engines*	...	...	...	...	3,000	...	...	3,000	4,960
(3.) *Loss by Exchange*... ...	...	...	...	...	21,000	...	...	b 15,000	13,878
(4.) *Carriage of Revenue Stores*...	...	...	...	...	1,000	...	...	1,000	1,138
Total VII ...	...	...	...	...	25,000	...	...	19,000	19,976
Total ...	...	...	...	...	3,18,883	...	...	3,19,388	2,84,572
Deduct sum chargeable to Fire Insurance Fund	...	...	...	...	3,000	...	...	3,000	4,960
			...	...	3,15,883	...	...	3,16,388	2,79,612
Deduct cost of working the Kolar Gold Fields Railway ...	...	...	...	...	5,527	...	...	7,308	6,352
			...	...	3,10,356	...	...	3,09,080	2,73,260
Deduct cost of working the Madras-Ennur Railway ...	...	...	...	...	1,437	...	...	1,470 60	979
			...	...	3,08,919	...	...	3,07,610	2,72,281
Deduct cost of working the Nilgiri Railway	...	...	...	...	5,003	...	...	5,014	...
Total Abstract E., General Charges	...	...	...	...	3,03,916	...	...	3,02,596	2,72,281

EXPLANATORY NOTE.

a. Provision of Rs. 91 made on account of Arcot-Ranipet Branch. Includes Rs. 440 on account of Nilgiri Railway.

b. To accord with actuals.

MADRAS RAILWAY.

Railway Schools.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year, 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Teachers, { Masters ... / Mistresses ... }	...	100 & below.	{ 1 / 24 }	1,053	6,320	{ 1 / 24 }	1,053	*a* 6,320	5,754
Gymnastic Instructors ...	...	25—30	2	55	330	2	55	330	326
Clerks	...	10—15	2	25	150	2	25	150	150
School Library Writer ...	...	...	1	10	60	1	10	60	60
School Servants	...	...	14	90	540	14	90	540	399
Rent for School, Raichur ...	...	...	...	...	385	...	...	*b* 385	382
Books and Stores	...	...	...	...	1,000	...	...	1,000	1,063
School Prizes	...	...	...	...	...	...	...	*c* 300	309
Travelling Allowances ...	...	...	...	...	150	...	...	150	108
Contingencies	...	...	...	...	25	...	...	25	6
Clothing	...	...	...	...	25	...	...	25	17
	...	...	...	...	8,985	...	...	9,285	8,574
Less School Fees, Government Grants	...	...	...	...	4,000	...	...	*d* 2,500	2,508
	...	...	...	...	4,985	...	...	*e* 6,785	6,066

EXPLANATORY NOTE.

a. Rates of salary—

			Rs.
Head Mistress		Holding certificate.	50—70
Asst. do.	trained		45
Do. do.	untrained	...	30
Other teachers, maximum		...	25

b. Divisible between Madras and G. I. P. Railways.

c. Annual charge.

d. To accord with actuals.

e. Net expenditure chargeable to Revenue.

MADRAS RAILWAY.

Regulations for furlough, sick leave, and privilege leave.

I.—FURLOUGH.

1. The Agent may grant furlough to any European Officer of the Company, who can be conveniently spared, according to the following scale:—

A first furlough for a period not exceeding—

12	months	after	7	years' service.
14	do.		8	do. do
16	do.		9	do. do.
18	do.		10 or more	do.

A second or subsequent furlough for a period not exceeding—

6 months	after	3 years'	further service, dating from the expiration of the previous furlough or sick leave.
8 do.		4	do. do.
10 do.		5	do. do.
12 do.		6	do. do.
14 do.		7	do. do.
16 do.		8	do. do.
18 do.		9 or more	do. do.

2. The period of service upon which furlough may be granted is to be exclusive of time spent on leave of absence of any kind whatever, except privilege leave. No second or subsequent furlough shall be granted till after a further actual service of three years, commencing from the date of the expiration of the previous furlough; and no single furlough shall be granted for a longer period than eighteen months.

3. With the proviso that no furlough pay shall exceed the rate of 1,000*l.* per annum, an officer absent on furlough will be allowed half the substantive pay of his appointment, excluding all allowances.

II.—SICK LEAVE.

4. The Agent may at any time during service grant an Officer of the Company leave of absence for any period not exceeding twelve months, on the production of a certificate from the Company's Medical Officer, or other Medical Officer to be approved by the Agent, declaring that he is of opinion that sick leave is necessary for a certain period, and that at the end of such time the Officer will probably be fit to resume his duties; provided the Agent is satisfied that the sickness has not been caused by any misconduct of the Officer; provided also that nothing in this rule shall be considered as precluding the Board of Directors of the Company from extending the leave of absence of any Officer of the Company who may have visited England on a sick certificate, for such further period as to such Board may appear proper, subject to the production of a sick certificate from the Company's Medical Officer in England, containing a declaration similar to that above prescribed.

5. With the proviso that no sick leave pay shall exceed the rate of 1,000*l.* per annum, an Officer absent on sick certificate will be allowed half the substantive pay of his appointment, excluding all allowances.

III.—PRIVILEGE LEAVE.

6. The Agent may grant leave of absence to an extent not exceeding one month in each year without deduction of pay. He may permit such one month's leave to be cumulative to the extent of three months, but no longer, so that at the end of twenty-two months' continuous service he may grant to the Officer, if he think proper, two months together, or at the end of thirty-three months, three months together. But an Officer who takes accumulated leave

during the last three months of the third year shall not be permitted to take the first month of the next year on account of that year, or any further privilege leave, until an interval of at least eleven months shall have elapsed from the time of his resumption of duty.

IV.—SPECIAL LEAVE.

7. The Agent may grant to any Officer of the Company, who has served for a period of not less than two years, if he can be conveniently spared, special leave of absence for any period not exceeding six months, on urgent private affairs, but not so as to be joined on to any privilege leave or furlough, and no pay or allowance shall be drawn for the period of such leave.

V.—GENERAL CONDITIONS.

8. All leave granted under the foregoing rules shall commence from the date of the Officer making over charge of his duties, and terminate on his again taking charge of his duties.

9. All Officers visiting England on furlough or sick leave are, immediately after arrival, to report themselves, either personally or by letter, at the Head Office of the Company in London and they are not to return to India without having first obtained the permission of the Board.

10. Officers absent on furlough or sick leave may draw their furlough or sick leave pay monthly, as it becomes due, upon condition of their making a declaration, at the commencement of their leave, that it is their intention to return to duty at the expiration thereof, and engaging in the event of their not returning, to refund the money, should they be called upon to do so.

11. It must be distinctly understood that neither furlough nor privilege leave can be claimed by any Officer as a right, and that such leave will be granted only when, in the opinion of the Agent, it can be given without detriment to the service of the Company.

12. A service of not less than three months is necessary between the date of return from three months' accumulated privilege leave and the grant of furlough, or between the date of furlough, or leave on sick certificate, and the grant of privilege leave.†

13. The duties of Officers on leave under these regulations will be performed, whenever possible, by the existing staff in India. An Officer of any grade, acting in place of another Officer of a higher grade who may be absent on sick leave or furlough, will be entitled to draw one-half of the combined substantive pay of the two appointments, with the full allowances of whichever of the two appointments has the highest allowances; but this arrangement does not apply to Officers acting for others absent on privilege leave. In calculating acting allowances * the personal allowance (if any) enjoyed by the Acting Officer only shall be combined with the substantive pay drawn by him, provided that the personal allowance has been granted in consideration of long and specially good service. The sum of pay, personal allowance (if any) and acting allowance drawn by an Officer, shall not exceed the minimum pay of the appointment in which he is officiating, except when his substantive pay, together with his personal allowance (if any) is higher than the minimum pay of the appointment in which he is officiating, in which case the sum of the substantive pay and personal allowance must not be exceeded.

* See ruling given below.

14. Excepting the case of Officers entitled to free passages under their agreements, all travelling expenses of Officers going on leave, or returning to their duty, must be defrayed by the Officers themselves.

15. All applications for leave must be made officially to the Agent through the head of the department to which the applicant belongs. The applicant must state in his application the dates and other particulars of leave of every description previously obtained by him.

LONDON, *5th January*, 1883.

† *Vide* Board's letter, No. 571, dated 25th February, 1876.—A period of three months' duty should intervene between the return from privilege leave of any length and the grant of furlough. *Vide* para. 5 of Board's letter No. 973 dated 22nd April 1893.

Extract from G.O., No. 519 R., dated 13th August, 1895.

"An officer acting for another on a progressive salary shall draw half of his own salary (whether it include personal allowance or not and whether it be progressive salary or not) with half of the actual substantive pay attached to the post in which he acts."

* PARA. 13.—FURLOUGH REGULATIONS.

An Officer while so acting is entitled to draw only one-half of his Personal allowance.—(See letter from Board, No. 763, dated 21st May, 1886, and letter from Consulting Engineer, No. 153, dated 15th March, 1886). See also Consulting Engineer's letter, No. 749, dated 29th November, 1886.

RETIREMENT AT EXPIRATION OF FURLOUGH.

Extract from a letter from the Secretary No. 993 dated 24th March 1899.

Para.—8. I have submitted to the Board the Copy of G. O. 1493 Ry: dated 3rd December 1898, received with your No. 2398 and referred to in para. 8 in which the sanction of the Government of India is recorded to the proposal to allow Mr. F. G. Lynde, Resident Engineer, Bombay Baroda and Central India Raliway to retire from the service of that Company on the expiration of his furlough without requiring him to refund his leave allowances, and in which it is added that all future cases of this kind which may have been approved by the Board of the above named Company may be dealt with by the Government of Bombay without reference to the Government of India.

In reply to the question raised by the Chief Auditor, I am to inform you that the Board are of opinion that a similar ruling to the above may, subject to the necessary sanction, be applied to this Company in the case of Officers of 10 years' service and upwards. For Officers of shorter service, you should, in each case, apply for the orders of the Board. As a rule, an Officer desirous of retiring after the expiry of the furlough due to him, should declare his intention to that effect, so that all matters connected with his work may be adjusted previous to his departure from Madras.

Extract from a letter from the Consulting Engineer No. 1357 dated 27th April 1899.

I have the honor to inform you that the sanction of Government does not appear necessary to the procedure to be adopted. I understand from the correspondence that your Board have delegated to you the power of permitting, subject to Gavernment sanction, officers of over 10 year's service to retire at the end of furlough without forfeiting their leave allowances. To this delegation of powers there appears to be no objection.

RATE OF PAY TO BE DRAWN BY OFFICERS OF INDIAN RAILWAYS ABSENT ON DUTY IN EUROPE.

PARAS. 103 and 104, Civil Service Regulations.

103. A Civil Officer or a Military Officer in Civil employ, who, with the sanction of the Secretary of State, is deputed to Europe on special Civil duty, is entitled from the date on which he makes over charge of his office in India to the date on which he resumes it to an allowance not exceeding two-thirds of the salary which he would draw were he on duty in India.

Note.—Under very special circumstances the Secretary of State may relax this rule.

104. A Civil Officer or a Military Officer in Civil employ, who, under the orders of the Secretary of State, is detained in Europe on Civil duty or permitted to remain on special Civil duty beyond the period of his leave, is entitled—

(i) If on any leave other than privilege leave to an allowance not exceeding two-thirds of his pay and allowances in India.

(ii) If on privilege leave to an allowance not exceeding half his pay and allowances in India for the period during which he is so detained or permitted to remain on special Civil duty.

Vide PARA. 9, Board's letter, No. 912, dated 1st February, 1895.

ACTING ALLOWANCES TO BE DRAWN BY OFFICERS OFFICIATING FOR OTHERS WHO HAVE BEEN DEPUTED TO ENGLAND ON DUTY.

PARAS. 117 and 125, Civil Service Regulations.

117. The maximum salary of an officiating officer is the pay of the appointment.
The minimum salary of an officiating officer is half the pay of the appointment.

* * * *

125. An officer with a substantive appointment officiating in another appointment or in a higher grade is entitled to an acting allowance of one-fifth of the pay of the appointment or grade, but the acting allowance shall not be less than—

(i) Two-thirds of the difference between the pay of the appointment or grade and the pay of the officiating officer.

(ii) Or subject to the limit of the maximum salary (see Article 117) Rs. 200.

Vide PARA. 16, Board's letter, No. 924, dated 11th October, 1895.

ALLOWANCES TO OFFICERS CALLED FROM THE MOFUSSIL TO HEAD QUARTERS ON DUTY.

Minutes of Official Meeting, dated 27th August, 1896.

An allowance according to the following scale, to meet carriage-hire and increased house-rent, will be granted to officers transferred from the Mofussil to Madras for a period of six months or less, when officiating for an officer absent on privilege leave when no acting allowances are drawn :—

Scale.

	Per mensem.
Officers drawing a salary over Rs. 500 and up to Rs. 900 ...	Rs. 100
Do. do. of „ 500 and under ...	„ 50

MADRAS RAILWAY.

Travelling Allowance Rules.

DAILY SCALE OF BATTA to be drawn by officers and others employed on the *open* line of the Madras Railway when travelling on duty. To apply to all joining the service after the 7th October 1897 and to those who on that date were not in receipt of fixed travelling allowances.

Designation or Class of Office.	Rate per Day.		
	Rs.	A.	P.
Agent and Manager (already sanctioned)	10	0	0
Chief Engineer ... ... / Locomotive Superintendent ... / Traffic Manager ... ... / Chief Auditor ... ... } each	7	8	0
Officers drawing Rs. 1,000 and over	6	8	0
„ „ „ 500 and under Rs. 1,000	5	8	0
„ „ „ 350 „ „ „ 500	4	8	0
Upper Subordinates on Rs. 300 and above	2	8	0
„ „ 200 and under 300	2	0	0
Others „ 100 „ 200	1	8	0
„ „ 50 „ 100	1	0	0
„ „ 25 „ 50	0	8	0
„ „ 15 „ 25	0	4	0
„ under „ 15	0	2	0

2. List of FIXED ALLOWANCES authorised to be drawn by certain officers and other employés engaged on the *open* line.

* Chief Engineer	Rs. 105 per mensem.
* District Engineers	Fixed allowance, Rs. 75 per mensem.
	In charge of one District with an Assistant, Rs. 75 per mensem.
	In charge of one District without an Assistant, Rs. 105 per mensem.
	In charge of two Districts or their equivalent with an Assistant, Rs. 105 per mensem.
	In charge of two Districts or their equivalent without an Assistant, Rs. 175 per mensem.
* Assistant Engineers ...	Fixed allowance, Rs. 75 per mensem.
* Engineering Assistants (3)...	Rs. 2 per diem for each.
* Telegraph Engineer ...	Fixed allowance, Rs. 105 per mensem.
* Traffic Manager	Fixed allowance, Rs. 105 per mensem.
* Dy. do.	Fixed allowance, Rs. 60 per mensem for each.
* Asst. do.	
Assistant Traffic Managers on duty in Madras... ...	Presidency allowances, Rs. 50 per mensem—also batta allowance according to scale when employed out of Madras on duty. (Minutes of Meeting, 29th September 1881 and 30th January 1893.) An officer residing in Madras and attached to the head office, called upon to do special duty away from head-quarters will be paid the batta allowance according to scale as well as the Presidency allowance for the whole period during which such special duty lasts, subject to a limit of two months.
Assistant Traffic Manager ...	North-West Line allowance, Rs. 50 per mensem.
Chief Inspector (Police) ...	Fixed allowance, Rs. 60.
Police Inspectors	do. „ 15.
Locomotive Superintendent* ...	do. „ 105.
Travelling Auditors	do. „ 50 for each when not occupying Company's quarters.
Do. do.	do. „ 35 „ do. provided with do.
Pay Clerks	do. „ 7 „
Gymnastic Instructors	do. „ 8 „

Note.—The fixed allowances granted to officers marked with an asterisk * will only apply to officers who were permanently appointed to the service before the 7th October 1897—See Government of India Order No. 2589 G., Railway Branch, dated 23rd September 1897.

As a general rule, fixed travelling allowances cannot be drawn by officers during privilege leave, unless tents and horses are required for the due performances of their duties and are maintained at their expense, during their absence on privilege leave. Those officers who joined the service before 1st January 1897, and have been allowed under Board's letter No. 548 of 12th March 1875, to draw their fixed allowances when on privilege leave may continue to do so—*vide* Board's ruling in letter No. 951 of 9th April 1897, para. 11. This

concession and the concession in respect to fixed monthly allowances are limited to the following officers :—

Engineering Department	... ...	Mr. E. W. Stoney.
„ „	... ...	„ H. J. Thompson.
„ „	... ...	„ G. A. F. French.
„ „	... ...	„ J. M. Ewing.
„ „	... ...	„ Ross Chisholm.
„ „	... ...	„ F. A. Pawley.
„ „	... ...	„ A. B. Strange.
„ „	... ...	„ J. B. Duncan.
„ „	... ...	„ A. C. Gale.
Locomotive Department	... ...	Mr. C. E. Phipps.
Traffic Department	... ...	„ F. W. Read.
„ „	... ...	„ D. Ross-Johnson.
„ „	... ...	„ W. A. Wilkinson.
„ „	... ...	„ J. L. Taylor.
„ „	... ...	„ W. H. Johnstone.
„ „	... ...	„ G. Wallington.
„ „	... ...	„ R. Greenall.
„ „	... ...	„ E. R. Ross.
Telegraph Department	... ...	„ R. E. Pigott.

3. When travelling on foreign lines, Rs. 5 per day in addition to home line allowance to all drawing salaries of Rs. 200 and upwards; double the home line allowance to all drawing less than Rs. 200 per mensem.

When travelling off the line of railway by road or canal, employés of the Company are entitled to mileage allowances in addition to the home line allowances as follows :—

First Class.—All officers of the Company ... 8 annas per mile.

Second Class.—Upper subordinates and employés drawing Rs. 100 a month and upwards ... ... 4 annas per mile.

Third Class.—Subordinates drawing less than Rs. 100 a month ... ... 2 annas per mile.

When it is necessary to incur tonga or cart hire on a journey on the Nilgiri Hills, the mileage allowances will be increased by 50 per cent. This is in accordance with the Civil Service Regulations, Chapter LI, para. 1251-2.

Cases in which the allowance when travelling on foreign lines or by road or by canal may prove insufficient will be dealt with specially at the Periodical Meetings.

4. Scale of FIXED MONTHLY BATTA to be drawn by officers of the Madras Railway engaged on Surveys or on Construction.

Designation or Class of Office.	Fixed monthly allowance.
	Rs.
Engineer-in-Chief	150
Officers drawing Rs. 750 and over	100
„ „ „ 350 and under Rs. 750	75

These fixed allowances are to cover all expenses of keeping up tents (supplied at first by Company), horses and conveyances and expenses incurred in moving about within the limits of a division or in visiting the Head-quarters stations.

UPPER SUBORDINATES.

PRIVILEGE LEAVE.

The Agent and Manager is authorised to grant to all monthly paid upper subordinates drawing Rs. 200 and upwards two months' cumulative leave on full pay when such leave is spent in India and three months' cumulative leave when such leave is to be spent in Europe or in the Australian Colonies—*vide* para. 9 of Board's letter, No. 926, dated 25th October 1895.

Those eligible for privilege leave under this rule will in no case draw more than half pay for sick leave: leave under this rule is subject to all the conditions applicable under the Company's rules to the grant of privilege leave—*vide* Minute No. 10 of Minutes of Official Meeting, dated 28th February 1896.

FURLOUGH OR SPECIAL LEAVE.

Furlough or special leave to England sanctioned at Official Meeting to Covenanted Foremen and Subordinates will carry with it half pay and Exchange compensation allowance when admissible—*vide* paragraph 16 of Board's letter, No. 904, dated 28th September 1894, and Minutes of Official Meeting, dated 10th December 1894.

PAYMENT OF LEAVE ALLOWANCES IN EUROPE TO EMPLOYES WHO ARE NOT IN RECEIPT OF EXCHANGE COMPENSATION ALLOWANCE, AT 1*s.* 6*d.* PER RUPEE.

All employés of Railway Companies who do not draw Exchange compensation allowance shall be permitted to draw their furlough and sick leave allowances in Europe, at the privileged rate of 1*s.* 6*d.* to the rupee, subject to the proviso that the calculation of furlough and sick leave allowances of those who draw an increase to their pay in lieu of Exchange compensation allowance shall be based on their pay exclusive of such allowance—*vide* G. O., No. 74 R., dated 15th January 1898, and Board's letter, No. 970, dated 11th March 1898.

Form No. 38.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 29th May 1899.

No. 1677

OFFICE NOTE.

EXAMINER
No. 799
29 MAY 1899
RAILWAY ACCOUNTS, MADRAS

Letter from the Agent, x Manager Guntur Railway, No. 11551/593,

dated 26th May 1899, forwarded to the Examiner of Railway Accounts for favour of remarks.

29-5-99. for E. R.

EXAMINER'S REPLY.

Notes will be brought to the meeting: there is no time to have a copy made

29/5/99

C.R

(No. I.)

No. 11551

668

CONSULTING ENGINEER FOR RAILWAYS
RECEIVED
9 JUN. 1899
MADRAS.

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 9th June 1899

2982
9-6-99

From

Read 4.45 pm

The Agent and Manager.
M. R. C.

To

The Consulting Engineer for Railways.
Madras.

Sir,

I have the honour to forward herewith, for your signature* and return, a revised copy of the Establishment Rolls and Working Estimates, for the half year ending 31st December 1899, the alterations agreed upon at the Official Meeting of the 30th ultimo having been duly carried out. The required number of copies will be struck off on return of this copy signed by you.

I have the honour to be,
Sir,
Your most obedient Servan

(Encls: 1)

45

1 2982-109
Am 668 9-6-99

Madras Railway Company.

ESTABLISHMENT ROLLS & WORKING ESTIMATES

FOR THE

Half-year ending 31st December, 1899.

Printed by H. Plumbe, at the Lawrence Asylum Press, Mount Road, Madras—1899.

MADRAS RAILWAY.

Length 842 Miles, 74 Chains, 58 Feet Mean Length.

Abstract of the Cost of working and maintaining the Open Line, together with the estimated earnings for the Half-year, 31st December 1899.

EXPENDITURE.									EARNINGS.				
Actuals for Half-year, December 1898.	Per cent. on gross earnings.		Abstract.	Page.	Sanctions for Half-year, June 1899.	Per cent. on gross earnings.	Estimate.	Per cent. on gross earnings.	Actuals for Half-year, December 1898.		Abstract.	Sanctions for Half-year, June 1899.	Estimate.
Rs.					Rs.		Rs.		Rs.			Rs.	Rs.
7,03,741	13·84	To Maintenance of Way, Works and Stations	A	10—21	6,89,004	12·19	6,81,693	12·77	17,67,075	By Coaching Traffic	H	22,46,000	20,00,000
10,55,342	20·75	,, Locomotive Expenses ...	B	32—41	10,72,476	18·98	10,63,245	19·91	32,18,808	,, Goods Traffic	I	33,00,000	32,50,000
2,35,058	4·62	,, Carriage and Wagon Expenses	C	32—42 44—46	2,43,245	4·31	2,42,911	4·55					
4,29,914	8·45	,, Traffic Expenses	D	48—55	4,61,827	8·17	4,57,853	8·57	8,587	,, Electric Telegraph Earnings.	...	9,000	9,000
2,72,281	5·36	,, General Charges	E	56—71	3,03,916	5·38	3,02,629	5·67					
...	...	,, Steam-boat Service ...	F	...	...	...	...	...	...	,, Steam-boat Earnings ...	J	...	...
44,395	0·87	,, Special and Miscellaneous Expenditure	G	72—75	61,753	1·10	62,945	1·18	91,277	,, Sundries	K	95,000	80,000
27,40,731	53·89				28,32,221	50·13	28,11,276	52·65					
23,45,016	46·11	,, Balance net earnings ...	...	...	28,17,779	49·87	25,27,724	47·35					
50,85,747	100·00	Total ...	...	...	56,50,000	100·00	53,39,000	100·00	50,85,747	Total ...	...	56,50,000	53,39,000
Miles.					Miles.		Miles.						
1,270,984		Train Mileage ...	...	...	1,250,000	...	1,250,000	...	233	,, Gross earnings per mean mile per week	...	259	244

Agent and Manager.

Consulting Engineer for Railways.

KOLAR GOLD FIELDS RAILWAY.

Length 10 Miles, „ Chains, „ Feet Mean Length.

Abstract of the Cost of working and maintaining the Open Line, together with the estimated earnings for the Half-year, 31st December 1899.

EXPENDITURE.									EARNINGS.					
Actuals for Half-year, December 1898.	Per cent. on gross earnings.		Abstract.	Page.	Sanctions for Half-year, June 1899.	Per cent. on gross earnings.	Estimate.	Per cent. on gross earnings.	Actuals for Half-year, December 1898.		Abstract.	Sanctions for Half-year, June 1899.	Estimate.
Rs.					Rs.		Rs.		Rs.			Rs.	Rs.
16,124	16·46	To Maintenance of Way, Works and Stations	A	10—21	12,210	12·21	16,036	15·23	21,846	By Coaching Traffic	H	27,000	25,000
24,464	24·97	„ Locomotive Expenses ...	B	32—41	19,315	19·31	25,423	24·14					
5,386	5·50	„ Carriage and Wagon Expenses	C	32—42 44—46	4,381	4·38	5,808	5·51	75,770	„ Goods Traffic	I	72,675	80,000
9,853	10·06	„ Traffic Expenses	D	48—55	8,317	8·32	10,947	10·39					
6,352	6·48	„ General Charges	E	56—71	5,527	5·53	7,307	6·94	116	„ Electric Telegraph Earnings.	...	125	125
...	...	„ Steam-boat Service ...	F	...	...	...	...	...	...				
1,018	1·04	„ Special and Miscellaneous Expenditure	G	72—75	1,130	1·13	1,529	1·45	...	„ Steam-boat Earnings ...	J	...	...
1,657	1·69	„ do. Bowringpet Joint Station	...	...	...	...	1,660	1·58					
4,898	5·00	„ Hire of Rolling-stock ...	...	...	5,000	5·00	5,266	5·00	233	„ Sundries	K	200	200
69,752	71·20				55,880	55·88	73,976	70·24					
28,213	28·80	„ Balance net earnings ...	...	...	44,120	44·12	31,349	29·76					
97,965	100·00	Total ...	...	...	1,00,000	100·00	1,05,325	100·00	97,965	Total ...	...	1,00,000	1,05,325
Miles.					Miles.		Miles.						
19,924	...	Train Mileage ...	...	...	20,000	...	20,000	...	377	„ Gross earnings per mean mile per week	...	385	405

Agent and Manager.

Consulting Engineer for Railways.

MADRAS-ENNUR RAILWAY.

Length 8 Miles, 36 Chains, 8 Feet Mean Length.

Abstract of the Cost of working and maintaining the Open Line, together with the estimated earnings for the Half-year, 31st December 1899.

EXPENDITURE.									EARNINGS.				
Actuals for Half-year, December 1898.	Per cent. on gross earnings.		Abstract.	Page.	Sanctions for Half-year, June 1899	Per cent. on gross earnings	Estimate.	Per cent. on gross earnings	Actuals for Half-year, December 1898		Abstract.	Sanctions for Half-year, June 1899.	Estimate.
Rs.					Rs.		Rs.		Rs.			Rs.	Rs.
4,223	23·65	To Maintenance of Way, Works and Stations	A	22—25	5,072	19·51	5,156	20·52	15,310	By Coaching Traffic	H	17,500	20,000
3,768	21·10	„ Locomotive Expenses ...	B	32—41	5,022	19·32	5,113	20·35					
829	4·65	„ Carriage and Wagon Expenses	C	32—42 44—46	1,139	4·38	1,168	4·65	2,461	„ Goods Traffic	I	8,400	5,000
1,518	8·50	„ Traffic Expenses	D	48—55	2,162	8·31	2,202	8·76					
978	5·48	„ General Charges	E	56—71	1,437	5·53	1,469	5·85	24	„ Electric Telegraph Earnings...	...	50	50
...	...	„ Steam-boat Service ...	F	...	...	...	...	...	...	„ Steam-boat Earnings ...	J	...	...
157	0·87	„ Special and Miscellaneous Expenditure	G	72—75	294	1·13	307	1·22					
893	5·00	„ Hire of Rolling stock ...	...	...	1,300	5·00	1,256	5·00	62	„ Sundries	K	50	75
12,366	69·25				16,426	63·18	16,671	66·35					
5,491	30·75	„ Balance net earnings ...	...	...	9,574	36·82	8,454	33·65					
17,857	100·00	Total ...	...	...	26,000	100·00	25,125	100·00	17,857	Total ...	...	26,000	25,125
Miles.					Miles.		Miles.						
12,064		Train Mileage ...	...	...	12,000	...	15,000	...	81	„ Gross earnings per mean mile per week	...	118	113

Agent and Manager.

Consulting Engineer for Railways.

NILGIRI RAILWAY COMPANY, LD.

Length 16 Miles, 64 Chains, 53 Feet Mean Length.

Abstract of the Cost of working and maintaining the Open Line, together with the estimated earnings for the Half-year, 31st December 1899.

EXPENDITURE.

Actuals for Half-year, December 1898.	Per cent. on gross earnings.		Abstract.	Page.	Sanctions for Half-year, June 1899.	Per cent. on gross earnings	Estimate.	Per cent. on gross earnings.	Actuals for Half-year, December 1898.
Rs.					Rs.		Rs.		Rs.
...	...	To Maintenance of Way, Works and Stations	A	26—31	14,932	14·93	23,634	23·63	...
...	...	„ Locomotive Expenses ...	B	32—41	17,481	17·48	17,442	17·44	...
...	...	„ Carriage and Wagon Expenses	C	32—42 / 44—46	3,965	3·97	3,985	3·99	...
...	...	„ Traffic Expenses	D	48—55	7,528	7·53	7,511	7·51	...
...	...	„ General Charges	E	56—71	5,003	5·00	5,013	5·01	...
...	...	„ Steam-boat Service ...	F	...	...	...	...	...	...
...	...	„ Special and Miscellaneous Expenditure	G	72—75	1,023	1·02	1,049	1·05	...
...	...	„ Hire of Rolling-Stock ...	...	...	...	...	...	...	...
...	...				49,932	49·93	58,634	58·63	...
...	...	„ Balance net earnings	...	...	50,068	50·07	41,366	41·37	...
...	...	Total	...	...	1,00,000	100·00	1,00,000	100·00	...
Miles.					Miles.	...	Miles.	...	...
...		Train Mileage	...	...	12,376	...	18,000	..	...

EARNINGS.

	Abstract.	Sanctions for Half-year, June 1899.	Estimate.
		Rs.	Rs.
By Coaching Traffic	H	40,000	60,000
„ Goods Traffic	I	59,000	40,000
„ Electric Telegraph Earnings.	...	200	...
„ Steam-boat Earnings ...	J	...	...
„ Sundries	K	800	...
Total ...	...	1,00,000	1,00,000
„ Gross earnings per mean mile per week	...	229	229

for Agent and Manager.

EXPLANATORY NOTE.

(1). *Comparison with Sanction for previous Half-year* :—Abstract A.—Maintenance of Way and Works.—Decrease Rs. 3,485. Due to reduced provision under "Repairs of Bridges, &c.," owing to no provision being made for strengthening girder bridges and under "Loss by Exchange" due to a smaller issue of rails and other English materials. Increases under "Engineer's Salaries" chiefly due to the return of Mr. J. B. Duncan from the Telegraph Department, under "Maintenance and Renewal of Permanent Way" due to extra provision made for Night Watchmen during the North-East and South-West monsoons and to additional provision for covering sand ballast with broken stones.

Abstract B.—Decrease Rs. 3,071. The decreases are principally under "Running Expenses" and "Oil, Tallow, &c.," to accord with actuals and under "Fuel" owing to a more extended use of coal at a lower rate in lieu of wood. There are increases under "General Superintendence" owing to increased rate of salary provided for the Deputy and Assistants to Locomotive Superintendent, as per revised scale, under "Maintenance of Engines" due to anticipated heavier renewals and under "Unclassified Expenditure."

Abstract C.—Increase Rs. 1,142. The provision under "Repairs and Renewals of Vehicles" has been slightly increased with a reduction under "Stores, including Oil, Grease, &c.," to accord with actuals.

Abstract D.—Decrease Rs. 1,321. There is a decrease under "District Office Establishment" owing to provision not having been made for Acting Office Assistants with an increase under "Wagon Covers and Ropes" due to anticipated larger renewals of tarpaulins.

Abstract E.—Increase Rs. 535. There are increases under "Audit Department" due to increased rate of salary provided for the Chief Auditor, Deputy and Assistant Auditors and under "Police" due to provision now made under this head for Watch and Ward Staff to be transferred from the Locomotive Department. Decreases under "Electric Telegraph" owing to return of Mr. J. B. Duncan to Engineering Department consequent upon the return of Mr. R. E. Pigott from furlough and under "Loss by Exchange" to accord with actuals.

Abstract G.—Increase Rs. 1,630. Chiefly under "Railway Schools" owing to anticipated less recoveries on account of "School-fees, Government Grants," &c.

(2). *Comparison with Actuals* :—The net increase over the actuals for December 1898 Half-year is Rs. 98,959 as per following particulars :—

Increases.

	Rs.	
Locomotive Expenses	15,301	Due to Sanctions under all heads but "Fuel" and "Maintenance of Locomotive Engines" not being fully worked up to; there is an increase under "Carriage of Revenue Stores" to meet expenses on account of Nilgiri Railway. Decrease under "Fuel" the actuals for December 1898 Half-year having been abnormally high.
Carriage and Wagon Expenses ...	12,599	Due to increased provision under "Coaching Vehicles" for renewals of 3rd Class carriages partly covered by a decrease under "Goods Vehicles" owing to smaller renewals under this head. Increases under all other heads due to Sanctions not having been fully expended.
Traffic Expenses	37,107	The actuals for December 1898 Half-year practically under all heads were below the sanctioned estimates. There is a decrease under "Traffic Manager and Assistants" chiefly due to a gratuity paid to Mr. G. R. Byron on retirement in the second half of 1898.
Carried over	Rs. 65,007	

	Rs.	
Brought forword	65,007	
General Charges	34,846	Due to Sanctions not having been fully expended under the following heads :—"Home Expenditure," "Agent and Manager's," "Audit" and "Medical Departments." "Rents of Buildings," "Medicines," "Signallers," "Telegraph Maintenance" and "Loss by Exchange," as well as to increased rate of salary provided for the Chief Auditor, Deputy and Assistant Auditors and under "Police" due to provision now made for the Watch and Ward Staff to be transferred from Locomotive Department.
Special and Miscellaneous Expenditure	21,242	Chiefly due to increased provision under "Contribution to Provident Institution" in accordance with the revised rules.
Total Increase...	1,21,095	

Decrease.

Maintenance of Way and Works	22,136	Decrease under "Maintenance and Renewal of Permanent Way, Materials" owing to smaller renewals accounting for a reduced provision under "Loss by Exchange" and "Carriage of Revenue Stores." There are increases under all other heads due to Sanctions for December 1898 not having been fully worked up to.
Net Increase ...	98,959	

(3). *Comparison with Budget Estimate as under* :—

Madras Railway.

1. June quarter 1899.	Proportion of June Rolls ...	Rs. 15,29,022
2. December Rolls		„ 28,11,276
3. Balance of Budget provision available for March quarter 1900		„ 9,59,702
	Total Rs.	53,00,000
Budget Estimate sanctioned	Rs.	53,00,000

MADRAS-ENNUR RAILWAY.

(1). *Comparison with Sanction for previous Half-year* :—Abstract A.—Maintenance of Way and Works.—Increase Rs. 84 under "Maintenance and Renewal of Permanent Way Wages" owing to provision made for Night Watchmen for the North-East monsoon.

(2). *Comparison with Actuals* :—

Maintenance of Way and Works ... Increase Rs. 933. Due to Sanctions under various heads not having been fully expended.

(3). *Comparison with Budget Estimate as under* :—

1. Sanctions for June 1899 Half-year	Rs.	16,426
2. Estimate for December 1899	„	16,671
	Total Rs.	33,097
Budget Estimate sanctioned	Rs.	38,000

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department.

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
1st—General Superintendence—									
1. *Engineers' Salaries—*									
Chief Engineer	...	1,600—1,800	1	1,600	9,600	1	1,600	*a* 9,894	...
Personal Assistant to the Chief Engineer.	1st Class, 2nd Grade.	750—900	1	950	5,700	1	950	*b* 5,600	...
Special Allowance	...	200							
District Engineers	1st Class	750—900	2	1,650	9,900	4	2,025	*c* 11,925	...
Assistant Engineers	2nd Class	550—700	5	2,125	12,897	3	2,078	*d* 12,618	...
Do. ...	3rd Class	350—500	0	1,200	7,200	1	350	*e* 2,100	...
Temporary Asst. Engineers ...	3rd Class	...	3			2	1,100	*f* 6,600	...
Engineering Assistants ...	...	200	3	450	2,700	3	450	2,700	...
Exchange Compensation Allowance	...	...	...	...	2,721	...	...	*g* 3,032	...
Total I—(1) ...	...	...	15	...	50,718	15	...	54,469	48,477
2. *Allowances of Engineers including Travelling*	...	...	...	...	6,300	...	...	6,300	3,972
3. *Subordinate Superintendents—*									
Permanent-Way Inspectors ...	1st Class, 1st Grade.	101—200	20	3,140	18,840	20	3,140	18,840	...
Do. ...	1st Class, 2nd Grade.								
Do. ...	2nd Class.								
Do. ...	3rd Class.	100	7	700	4,200	7	700	4,200	...
Carried over ...	...	...	27	...	23,040	27	...	23,040	...
	...	...	15	...	57,018	15	...	60,769	52,449

EXPLANATORY NOTE.

a. Mr. E. W. Stoney, from 1st July to 2nd October 1899 at Rs. 1,600 4,903
„ from 3rd October to 31st December 1899, at Rs. 1,700, *vide* M. G. O., No. 814, dated 15th June 1898 4,991
9,894

b. Mr. J. M. Ewing, from 1st July to 31st October 1899, Rs. 750 3,000
„ A. B. Strange, from 1st November to 31st December 1899, at Rs. 700 1,400
4,400
Special Allowance at Rs. 200 (*vide* M. O. M., No. 8 of 1894 and Board's letter, No. 981, dated 7th October 1898) 1,200
5,600

c. Mr. G. A. F. French transferred as Engineer-in-Chief, Calicut-Cannanore Extension (*vide* M. O. M. of 25th February 1898).
„ H. J. Thompson, Rs. 900 5,400
„ Ross Chisholm $\left(\frac{\text{Rs. } 900+700}{2} = \text{Rs. } 800\right)$, Rs. 750; acts for Mr. G. A. F. French on other duty 4,500
„ J. M. Ewing from 1st to 15th November 1899 at Rs. 750 375
„ from 16th November 1899, probable date of proceeding on Furlough, to 31st December 1899 at Rs. 375 563
938
„ F. A. Pawley (acts for Mr J. M. Ewing on Furlough) from 16th November to 31st December 1899 $\left(\frac{750+700}{2}\right)$ = Rs. 725 1,087
11,925

d. Mr. F. A. Pawley, from 1st July to 15th November 1899 at Rs. 700 3,150
„ A. B. Strange (on Furlough), from 1st July to 31st October 1899 at Rs. 350 1,400
„ J. B. Duncan, proceeds on Furlough from 1st July 1899 at Rs 275 1,650
„ A. C. Gale $\left(\frac{\text{Rs. } 700+400}{2} = \text{Rs. } 550\right)$ from 1st July to 26th September 1899 and $\left(\frac{\text{Rs. } 700+500}{2} = 600\right)$ Rs. 550 from 27th September to 31st December 1899, entitled to promotion to the higher grade of 3rd class after two years' service, acts for Mr. Chisholm (M. O. M. of 25th March 1898) 3,300
„ E. C. Evans $\left(\frac{\text{Rs. } 700+350}{2} = \text{Rs. } 525\right)$ acts for Mr. A. B. Strange, on furlough from 1st July to 31st October 1899 2,100
„ from 1st to 4th November 1899 at Rs. 350 47
„ from 5th to 15th November 1899 at Rs. 400 entitled to promotion to the higher grade of 3rd class after 2 years' service 146
„ and from 16th November to 31st December 1899, $\left(\frac{\text{Rs. } 700+400}{2}\right)$ = Rs. 550, acts for Mr. F. A. Pawley 825
3,118
12,618

e. Mr. A. R. Stuart, Rs. 350 2,100

Temporary Engineers—

f. Mr. G. T. Bridges ... ... „ 400=2,400
Additional Engineer, *vide* G. O., No. 814 R., dated 6th May 1898 ... ... „ 700=4,200
6,600

g. Calculated at Exchange of 1*s.* 3¼*d.* per rupee.

MADRAS RAILWAY.

ABSTRACT **A**.

Engineering Department—(*continued*).

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	15	...	57,018	15	...	60,769	52,449
	...	...	27	...	23,040	27	...	23,040	...
1st—General Superintendence—(*continued*).									
3. *Subordinate Superintendents*—(continued).									
Probationary Inspectors ...	...	75	4			4			
Sub-Inspectors	...	50	10	1,600	9,600	10	1,600	9,600	...
Inspectors' Assistants ...	...	40 & under	21			21			
Inspector of Points and Crossings and Signals	...	250—300	1	250	1,500	1	250	*a* 1,569	...
Bridge Inspector	...	300	1	300	1,800	1	320	*b* 1,920	...
Engineering Workshop's Superintendent	...	101—200	1	200	1,200	1	200	1,200	...
Exchange Compensation Allowance	...	...	...	...	236	...	...	*c* 112	...
Total I—(3) ...	...	...	65	...	37,376	65	...	37,441	33,831
4. *Allowance of Subordinate Superintendents, including Travelling*	...	...	...	...	1,600	...	...	1,600	1,504
5. *Overtime Allowances*	...	...	...	...	...	...	...	...	...
6. *Office Expenses*—									
Chief Engineer's Office—									
Chief Clerk	..	225	1	225	1,350	1	225	1,350	...
Clerk	...	110	1	110	4,860	1	110	4,860	..
Clerks	...	100 & below.	20	700		20	700		
Superintendent of Drawing Office	...	275	1	275	1,650	1	275	1,650	...
Draftsmen...	...	110	2	220	4,440	2	220	4,440	...
Draftsmen	...	100 & below.	18	520		18	520		
Menials*	...	...	21	155	930	21	155	930	...
Carried over ...	...	...	64	...	13,230	64	...	13,230	11,906
	...	..	...	...	95,994	...	...	99,810	87,784

EXPLANATORY NOTE.

a. Mr. A. Whitney, Inspector of Signals, Points and Crossings, is entitled to an increase from Rs. 250 to 275, with effect from 8th October 1899. *Vide* Board's letter, No. 961, dated 8th October 1897.

b. „ G. W. Brown's salary increased from Rs. 300 to 320 per mensem from 1st July 1899 in lieu of Exchange Compensation allowance as per G. O., No. 317 R., dated 21st March 1899.

c. Calculated at Exchange of 1*s*. 3$\frac{3}{4}$*d*. per rupee.

*1 Binder, 8 Peons, 8 Lascars, 3 Punkah Lascars and 1 Office Servant.

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department—*(continued).*

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	95,994	...	...	99,810	87,784
	...	...	...	...	13,230	...	...	13,230	11,906
6. *Office Expenses—(contd.)*									
District Engineer's Office—									
1ST DISTRICT.									
Clerks, Accountant, Inspectors' Writers, Timekeeper and Store Writer	...	100 & below.	20	457	2,742	20	457	2,742	...
Draftsman	...	...	1	30	180	1	30	180	...
Storekeeper	...	50	1	50	300	1	50	300	...
Peons	...	...	4	28	168	4	28	168	...
			26	...	3,390	26	...	3,390	3,355
2ND DISTRICT.									
Clerks, Accountant, Inspectors' Writers, Timekeeper and Store Writer	...	100 & below.	17	375	2,250	17	375	2,250	...
Draftsman	...	...	1	30	180	1	30	180	...
Storekeeper	...	50	1	50	300	1	50	300	...
Peons	...	...	4	28	168	4	28	168	...
			23	...	2,898	23	...	2,898	*a* 3,267
3RD DISTRICT.									
Clerks, Accountant, Inspectors' Writers, Timekeeper and Store Writer	...	100 & below.	18	411	2,466	18	411	2,466	...
Draftsman	...	...	1	30	180	1	30	180	...
Storekeeper	...	50	1	50	300	1	50	300	...
Peons	...	...	5	35	210	5	35	210	...
			25	...	3,156	25	...	3,156	3,107
Carried over ...	...	...	...	...	22,674	...	...	22,674	21,635
	...	...	...	...	95,994	...	...	99,810	87,784

EXPLANATORY NOTE.

a. Includes Rs. 360 Gratuity paid to Head Writer Mahomed Cassim Saib.

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department—(*continued*).

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for the Half-year. 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	95,994	...	...	99,810	87,784
	...	...	...	...	22,674	...	...	22,674	21,635
6. *Office Expenses*—(concld.)									
District Engineer's Office—(concluded).									
Terminal Works.									
Clerks, Timekeepers and Inspectors' Writers ...	...	100 & below.	4	80	480	4	80	480	
Peons and Lascars	...	...	3	20	120	3	20	120	
			7	...	600	7	...	600	579
Engineering Workshops.									
Book-keeper	...	120	1	120	720	1	120	720	
Clerks, Timekeepers and Loading Clerks, &c. ...	...	100 & below.	17	288	1,728	17	288	1,728	
European Watchman ...	...	...	1	25	150	1	25	150	
Native Watchman	...	...	4	28	168	4	28	168	
Peons	...	...	2	14	84	2	14	84	
			25	...	2,850	25	...	2,850	2,775
General.									
Travelling Allowance of other Subordinates	...	...	...	...	400	...	...	400	236
Contingencies...	...	...	...	...	5,000	...	...	5,000	4,152
Stationery	...	...	...	...	4,000	...	...	4,000	3,609
Total I (6)...	...	...	...	...	35,524	...	...	35,524	32,986
Total, General Superintendence ...	...	...	...	...	1,31,518	...	...	1,35,334	1,20,770

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department—(*concluded*).

Maintenance of Way, Works and Stations for the Half-year ending 31st Dec. 1899.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for the Half-year, 31st Dec. 1898.	
	Amount.	Total.	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	...	1,31,518	...	1,35,334	...	1,20,770
2nd—Maintenance and Renewal of Permanent Way—						
(1.) Wages	1,48,359		*a* 1,54,088		1,47,176	
(2.) Materials	1,32,173		*b* 1,37,393		1,81,259	
		2,80,532		2,91,481		3,28,435
3rd—Repairs of Bridges, &c., Wages and Materials—						
(1.) Bridges and Tunnels	33,250		*c* 23,150		7,547	
(2.) Miscellaneous, including Earthwork, Roads, Fencing, &c.	48,248		*d* 49,500		26,008	
		81,498		72,650		33,555
4th—Repairs of Stations and Buildings, &c., Wages and Materials—						
(1.) Repairs of buildings of every description, including station yards and signals, but excepting quarters for the Staff	60,160		*e* 64,460		42,558	
(2.) Repairs of Staff Quarters	19,731		19,731		16,491	
		79,891		84,191		59,049
5th—Maintenance by contract—						
(1.) Amount paid by Contractors ...	...		...		...	
(2.) Materials supplied by the Company.	...	...	...	...	...	...
6th—New Minor Works	11,235		11,235		9,421	
		11,235		11,235		9,421
7th—Unclassified Expenditure—						
(1.) Plantations	1,545		1,545		1,370	
(2.) Tools and Plant	3,950		3,950		4,278	
(3.) Loss on Stores	20,350		*f* 20,350		...	
(4.) Loss by Exchange	61,713		*g* 48,011		1,08,734	
(5.) Carriage of Revenue Stores ...	28,982		28,982		54,253	
		1,16,540		1,02,838		1,68,635
Total Abstract A—Maintenance of Way, Works and Stations	...	7,01,214	...	*h* 6,97,729	...	7,19,865
Deduct—Cost of working the Kolar Gold Fields Railway	...	12,210	...	16,036	...	16,124
Total ...	...	6,89,004	...	6,81,693	...	7,03,741
Cost of maintaining a mile of track including sidings	...	677	...	670	...	695

EXPLANATORY NOTE.

a. Increase owing to provision for Night Watchmen to meet the requirements of the north-east monsoon, Rs. 7,038.
Includes provision for 1 Maty at Rs. 8 per month, Rs. 48.
Includes provision on account of Revenue portion of the estimates for sanctioned works, Rs. 4,100.
Includes increased provision for extra labor for laying 30 feet Bull-headed Steel Rails, Rs. 968.
Includes additional provision for 4 Extra Gangs and 2 Line Watchmen for Arcot-Ranipet Branch, Rs. 1,575.
Includes additional provision for Rs. 3,900 for repairs to turn-tables, weigh bridges, &c., hitherto charged under this head has now been transferred to 4 (1).

b. Provision for covering sand ballast with broken stones (includes the cost of reserve stone ballast), Rs. 30,000.
General Stores handling charges, Rs. 4,250.
Provision for Revenue portion of the estimates for sanctioned works, Rs. 2,450.
Decrease owing to less provision for Rails, Rs. 3,801.
Additional provision for renewals of pot sleepers owing to higher percentage of breakages in consequence of the heavier class of engines at accelerated speed, Rs. 4,021.

c. Provision for Revenue portion of the estimates for sanctioned works, Rs. 10,250.
Decrease owing to no provision having been made for strengthening Girder Bridges, 14,516.

d. Provision for Revenue portion of the estimates for sanctioned works, Rs. 2,650 as against Rs. 2,898 in the Rolls for June 1899 half-year.
Provision for 10 miles of fencing materials on three Districts, Rs. 15,700.
Provision for General repairs to roads in compounds, Rs. 1,500.

e. Provision for Revenue portion of the estimates for sanctioned works, Rs. 22,120, as against Rs. 21,720, in the Rolls for June 1899 half-year.
Includes Rs. 3,900 for repairs to turn-tables, weigh bridges, &c., hitherto charged under "~~Wages.~~" (Head 2nd (1))

f. Anticipated loss on sale of stores in stock on 30th June 1899, Rs. 20,000.

g. Loss by Exchange calculated at 39·68 per cent. on estimated expenditure of English Stores.
Decrease owing to less provision for new rails.

h. The proposed estimate figures are net.

MADRAS RAILWAY.

APPENDIX **A**. *to Maintenance Estimates (not for Audit purposes) for the Half-year ending 31st December 1899.*

Miles maintained.	Departmentally.	By Contract.	Total.
	Ms. Chs. Ft.		Ms. Chs. Ft.
Railway Lines { Double	42 32 34½ × 2	...	84 65 3
Railway Lines { Single (including K. G. F. Ry. and Arcot-Ranipet Branch). ...	810 39 4	...	810 39 4
Sidings (including K. G. F. Ry. and Arcot-Ranipet Br.)...	146 13 39½	...	146 13 39½
Total single track including sidings ...	...	...	1,041 37 46½

Description of Works.	Amount.	Total.	Remarks.
	Rs.	Rs.	
II.—MAINTENANCE AND RENEWAL OF PERMANENT WAY—			*Ordinary Gangs consisting of—*
			333 Gang Maistries, aggregate monthly pay... Rs. 3,765
			2,359 Gang Coolies, do. ... 12,589
			16,354 × 6 = 98,124 (1)
1. *Wages*—			
(1) 333 Gangs	98,124		*Extra Gangs consisting of—*
(2) 10 Extra Gangs ...	*a* 3,960		10 Gang Maistries, aggregate monthly pay... 100
(3) Establishments	38,499		88 Gang Coolies, do. ... 560
			660 × 6 = 3,960 (2)
Do. 263 Temporary Night Watchmen ...	*c* 7,437		
Labor for laying 30 feet steel rails ...	*d* 1,968		
Revenue portion of the Estimates for the sanctioned works ...	4,190	1,54,088	
2. *Materials*—			
(4) Ballast	47,500		
Rails	32,874		
Sleepers	50,319		
Proportion of General Stores Working Expenses	4,250		
Revenue portion of the Estimates for sanctioned works	2,450	1,37,393	
			Establishments.
			25 Section Maistries ... ... Rs. 480 A. 0
			31 Carpenters 555 8
			30 Blacksmiths 545 8
			29 Hammermen 210 0
			31 Bellows Boys 144 0
			6 Tinkers 112 8
			6 Painters 110 8
			12 Engineers' Lascars ... 84 0
			9 Store Lascars 63 0
			40 Store Watchmen 273 0
			17 Store Coolies 96 0
			503 Line Watchmen ... ... 3,175 0 } *b*
			20 Bridge do. ... ... 138 0 }
			2 Patrolling do. 40 0
			7 Staff Bungalow Peons and Watchmen 54 0
			5 Do. Servants ... 39 0
			Proportionate amount of wages of Arkonam Depôt Staff 121 0
			Acting allowance for extra men in case of sickness ... 70 0
			Loading and unloading materials 50 0
			5 Extra Watchmen for K. G. F. Railway 37 8
			3 Night Watchmen 18 0
			e 6,416 8 × 6 = 38,499 (3)
			Sand Ballast 17,500
			Covering sand ballast with broken stones ... ... *f* 30,000
			47,500 (4)
Total Head II, Abstract A ...	...	2,91,481	

EXPLANATORY NOTE.

a. Includes 4 Extra Gangs for Arcot-Ranipet Branch, Rs. 1,440.

b. Includes 2 additional Line Watchmen for Arcot-Ranipet Branch, Rs. 72.

c. Increase owing to provision made for labor for temporary Night Watchmen to meet the requirements of the north-east monsoon, Rs. 7,101.

d. Extra provision made for labor for laying 30 feet Bull-headed Rails, Rs. 968.

e. Rs. 650 for repairs to turn-tables, weigh bridges, &c., taken out and included under 4 (1).

f. Includes cost of reserve Stone Ballast, Rs. 5,000.

MADRAS-ENNUR RAILWAY.

APPENDIX **A**. *to Maintenance Estimate (not for Audit purposes) for the Half-year ending 31st December 1899.*

Miles maintained.	Departmentally.	By Contract.	Total.
	Miles.		Miles.
Railway Line, single	8½	...	8½
Sidings	2¼	...	2¼
Total single track including sidings...	...	...	10¾

Description of work.	Amount.	Total.	Remarks.
	Rs.	Rs.	
II. Maintenance and Renewal of Permanent way.			
1. *Wages*—			
(1) 4 Gangs	1,080		Ordinary Gangs consisting of—
			4 Gang Maistries, aggregate monthly pay ... Rs. 40
(2) Establishment ...	*a* 966		20 Gang coolies, do. ... ,, 140
		2,046	,, 180 × 6 = Rs. 1,080 (1)
2. *Materials*—			
(3) Ballast (sand) ...	1,250	1,250	
			Establishment.
			1 Section Maistry ... Rs. 15
			1 Blacksmith ... ... ,, 17
			1 Hammerman ... ... ,, 8
			1 Bellows Boy ... ... ,, 5
			1 Store Watchman ... ,, 7
			1 Staff Quarters, do. ... ,, 7
			1 Butler and Cook ... ,, 10
			1 Waterwoman ... ... ,, 4
			1 Dhoby ... ... ,, 1
			1 Bricklayer ... ... ,, 15
			2 Coolies at Rs. 7 each ... ,, 14
			1 Station Watchman ... ,, 7
			4 Line do. at Rs 8 each ,, 32
			Repairs to turn-table and weigh bridge, &c. ... ,, 5
			,, 147 × 6 = Rs. 882
			4 Night Watchmen at Rs. 7 each for 3 months. ... 84
Total Head II. Abstract A. ...		3,296	,, 966 (2)

EXPLANATORY NOTE.

(*a*) Includes provision for 4 Night Watchmen at Rs. 7 each for 3 months.

NILGIRI RAILWAY COMPANY, LD.

ABSTRACT **A**.

Engineering Department.

Authorizations for the half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Month'y Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for the Half-year 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
1st—General Superintendence—									
1. *Engineers' Salaries—*									
Senior Executive Engineer ...	...	...	...	...	...	...	...	...	...
Junior Do. ...	...	...	...	...	...	...	...	...	...
Exchange Compensation Allowance	...	...	...	...	...	...	...	...	...
Total (1) ...	...	...	...	...	...	...	...	...	...
2. *Allowances of Engineers including Travelling*	...	...	...	...	...	...	...	...	...
3. *Subordinate Superintendents—*									
Inspector	...	350	...	...	...	1	350	2,100	...
Sub-Inspectors	...	100 & below.	2	125	750	2	125	750	...
Workshop's Foreman ...	...	Do.	1	60	360	1	60	360	...
Total I-(3) ...	...	...	3	...	1,110	4	...	3,210	...
4. *Allowances of Subordinate Superintendents including Travelling*	...	...	...	...	...	...	...	...	...
6. *Office Expenses—*									
Clerks, Storekeeper, Timekeeper and Inspector's Writer	...	100 & below.	4	125	750	4	125	750	...
Peons	...	...	4	36	162	2	18	a 108	...
Total I—(6) ...	...	...	8	...	912	6	...	858	...
General—									
Contingencies	...	...	...	...	363	...	...	367	...
Stationery	...	...	...	...	200	...	...	b 300	...
Total, General Superintendence ...	...	...	...	...	2,585	...	...	4,735	...

EXPLANATORY NOTE.

a. Decrease owing to provision for 2 peons instead of 4.

b. Increase due to actual requirements foreseen.

NILGIRI RAILWAY COMPANY, LD.

ABSTRACT **A.**

Engineering Department.

Maintenance of Way, Works and Stations for the Half-year ending 31st December 1899.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for the Half-year, 31st December 1898.	
	Amount.	Total.	Amount.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	...	2,585	...	4,735	...	...
2nd—Maintenance and Renewal of Permanent Way—						
(1.) Wages	7,847	...	a 7,499	...	...	...
(2.) Materials	2,150		b 4,000		...	...
		9,997		11,499		
3rd—Repairs of Bridges, &c., Wages and Materials—						
(1.) Bridges and Tunnels	450	...	450	...	...	...
(2.) Miscellaneous, including Earthwork, Roads, Fencing, &c.	350		c 5,400		...	...
		800		5,850		
4th—Repairs of Stations and Buildings, &c., Wages and Materials—						
(1.) Repairs of buildings of every description, including station yards and signals, but excepting quarters for the Staff	250	...	250	...	...	...
(2.) Repairs of Staff quarters	800		800		...	...
		1,050		d 1,050		
5th—Maintenance by contract—						
(1.) Amount paid to Contractors ...	...	...	...	...	...	...
(2.) Materials supplied by the Company.	...	...	...	...	...	
6th—New Minor Works	...	...	...	...	...	...
7th—Unclassified Expenditure—						
(1.) Plantations	...	...	...	...	...	...
(2.) Tools and Plant	300	...	300	...	...	...
(3.) Loss on Stores	...	...	...	...	...	...
(4.) Loss by Exchange	...	...	...	...	...	...
(5.) Carriage of Revenue Stores ...	200		200		...	...
		500		500		
Total Abstract A—Maintenance of Way, Works and Stations	...	14,932	...	23,634	...	...
Cost of maintaining a mile of track including sidings	...	824	...	1,304	...	...

15 Engineering Maintenance debitable direct to the Nilgiri Railway Company and not subject to Government of India Sanction.

EXPLANATORY NOTE.

a. Decrease owing to provision made for 2 Engineer's Lascars instead of 4 men at Rs. 9 each, Rs. 108.
Do. owing to less provision made for Lorrymen, Rs. 240.

b. Increase owing to provision for sleepers.

c. Provision for removing slips during North-East Monsoon Rs. 5,000.
Includes increased provision for level crossing Rs. 50.

d. Includes Rs. 360 for rent of office building for six months at Rs. 60.

NILGIRI RAILWAY COMPANY, LD.

Appendix A. to Maintenance Estimates (not for Audit purposes) for the Half-year ending 31st December 1899.

Miles maintained.	Departmentally.	By Contract.	Total.
	Miles.		Miles.
Railway Line, Single	16⅔	...	16⅔
Sidings	1⅓	...	1⅓
Total single track including sidings ...	...	...	18⅓

Description of Works.	Amount.	Total.	Remarks.
	Rs.	Rs.	
II.—Maintenance and Renewal of Permanent Way—			*Ordinary Gangs consisting of*— Rs. Rs.
1. *Wages*—			10 Gang Maistries aggregate monthly pay. 150
(1) 10 Gangs	4,500		60 Gang coolies do. 600
			750 × 6 = 4,500 (1)
(2) 4 Lorrymen	*a* 240		4 Lorrymen do. 40 × 6 = 240 (2)
(3) Establishment	2,759	7,499	
2. *Materials*—			
(4) Ballast	2,000		
(5) Sleepers &c.	2,000	4,000	
			Establishments.
			Rs. A. P. Rs. A. P.
			1 Masonry Maistry ... 30 0 0
			2 Bricklayers ... 40 0 0
			1 Carpenter Maistry... 35 0 0
			3 Carpenters ... 60 0 0
			1 Blacksmith Maistry. 35 0 0
			2 Blacksmiths ... 40 0 0
			3 Hammermen ... 33 12 0
			3 Bellows Boys ... 18 0 0
			*b*2 Engineer's Lascars... 18 0 0
			4 Coolies 40 0 0
			11 Line Watchmen ... 110 0 0
			459 12 0 × 6 = 2,758 8 0 (3)
Total Head II, Abstract A. ...		11,499	

EXPLANATORY NOTE.

a. Provision made for 4 Lorrymen instead of 8 Lorrymen in the Rolls for previous half-year.

b. Provision made for 2 Engineer's Lascars instead of 4 in the Rolls for previous half-year.

MADRAS RAILWAY.

ABSTRACTS B AND C.

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
I.—General Superintendence—									
(1) *Salaries of Superintendents and Assistants—*									
Locomotive and Carriage Supt. ...	...	1,000–1,636	1	1,636	9,816	1	1,636	*a* 9,816	...
Deputy do. do. do. ...	...	850–1,000	1	900	5,400	1	950	*b* 5,700	...
1st Asst. do. do. do. ...	2nd Class.	550—650	1	275	1,650	1	325	*c* 1,950	...
Ag. do. do. do. do. ...	...	...	1	475	2,850	1	550	*d* 3,300	...
2nd do. do. do. do. ...	3rd Class.	350—450	...	...	...	...	...	...	...
Exchange Compensation Allowance.	...	...	...	...	1,526	...	...	*e* 1,623	...
			4	...	21,242	4	...	22,389	21,696
Deduct chargeable to Capital ...	...	...	...	...	...	...	...	...	...
Total I—(1) ...	...	...	4	...	21,242	4	...	22,389	21,696
(2) *Allowances of Superintendents and Assistants, including Travelling*	...	...	...	...	950	...	...	*f* 950	890
(3) *Subordinate Superintendents—*									
PERAMBUR WORKS.									
Foreman, Erecting Shop... ...	...	350	1	350	2,400	1	350	2,400	...
Personal Allowance	...	50		50			50		
Erector and Fitter	...	300	1	237	1,422	1	237	1,422	...
Foreman, Machine Shop... ...	...	350	1	325	2,025	1	350	*g* 2,100	...
Turner	...	200	1	200	1,200	1	200	1,200	...
Foreman, Boiler Shop	...	350	1	350	2,100	1	350	2,100	...
Boilersmith	...	300	1	237	1,422	1	237	1,422	...
Foreman, Carriage Shop ...	...	350	1	350	2,400	1	350	2,400	...
Personal Allowance	...	50		50			50		
Carried over ...	...	...	7	...	12,939	7	...	13,044	...
	...	...	4	...	22,192	4	...	23,339	22,586

EXPLANATORY NOTE.

a. Mr. C. E. Phipps, Rs. 1,636.

b. Mr. A. Pilkington, Rs. 950. Increased rate of salary provided, G. I. No. 700 R. E., dated 18th April 1899 and M. G. O., No. 520 Ry., dated 3rd May 1899.

c. Mr. H. J. Stanley, Rs. 325, do. do. do. do.
On furlough from 1st November 1898. (*Vide* M. O. M. of 18th October 1898).

d. Mr. P. G. Porteous $\left(\text{Rs. } \frac{450+650}{2}\right)$ = Rs. 550. Increased rate of salary provided, G. I. No. 700 R. E., dated 18th April 1899, and M. G. O. No. 520 Ry., dated 3rd May 1899.

e. Calculated at Exchange of 1*s.* 3¾*d.* per rupee.

f. Includes Rs. 100 for periodical inspection of Nilgiri Railway.

g. Increase of pay from 1st April 1899.

MADRAS RAILWAY.

ABSTRACTS **B** AND **C**—(*continued*).

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	4	...	22,192	4	...	23,339	22,586
	...	...	7	...	12,969	7	...	13,044	...
I.—General Superintendence—(*continued*).									
(3) *Subordinate Superintendents*—(concluded).									
PERAMBUR WORKS—(*concluded*).									
Assistant Carriage Foreman ...	...	300	1	300	1,800	1	300	1,800	...
Carriage Painter	...	237	1	237	1,422	1	237	1,422	...
Foreman, Smith Shop	...	350	1	325	1,950	1	325	*a* 2,019	...
Spring Smith	...	300	1	250	1,500	1	250	1,500	...
Foreman, Foundry	...	350	1	350	2,100	1	350	2,100	...
Weigh Bridge and Weighing Machine Inspector	...	325—375	1	350	2,076	1	325	*b* 1,950	...
RUNNING SHEDS.									
Foreman, Madras	...	350	1	350	2,100	1	350	2,100	...
Do. Jalarpet	...	350	1	350	2,100	1	350	2,100	...
Do. Podanur	...	350	1	350	2,100	1	350	2,100	...
Do. Nundalur	...	350	1	325	1,950	1	350	*c* 2,100	...
Do. Gooty	...	350	1	350	2,100	1	350	2,100	...
Do. Mettupoliyam ...	...	350	1	350	2,100	1	350	*d* 2,100	...
Do. Bangalore	...	350	...	...	...	...	...	*e* ...	...
Fuel Inspector	..	300	1	300	1,800	1	300	1,800	...
Exchange Compensation Allowance.	...	...	...	...	1,744	...	...	*f* 1,606	...
			20	...	39,811	20	...	39,841	38,550
Deduct chargeable to Capital ...	...	...	...	...	...	...	...	...	...
Total I—(3) ...	...	...	20	...	39,811	20	...	39,841	38,550
(4) *Allowances of Subordinate Superintendents, including Travelling*	...	...	...	...	2,250	...	...	*g* 2,200	2,163
5) *Overtime*	...	...	...	...	...	...	...	...	...
Carried over ...	...	...	24	...	64,253	24	...	65,380	63,299

EXPLANATORY NOTE.

a. Increase of pay under agreement from 8th October 1899. *Vide* Consulting Engineer's letter, No. 2000, dated 16th June 1897 and Board's letter, No. 961, dated 8th October 1897.

b. Provision is made for a new Inspector in place of Mr. G. W. Hanks. (*Vide* G. I., No. 516 R.E., dated 20th March 1899, and M. G. O., No. 365 Ry., dated 1st April 1899.)

c. Increase of Rs. 25 provided for Mr. A. Loader from 1st July 1899.

d. Extra appointment in connection with Nilgiri Railway.

e. It is not proposed at present to fill this appointment.

f. Calculated at Exchange of 1s. 3¼*d.* per rupee.

g. Includes provision of Rs. 300 for batta of Foreman, Nilgiri Railway.

MADRAS RAILWAY.

ABSTRACTS **B** AND **C**—(*continued*).

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	24	...	64,253	24	...	65,380	63,299
I.—General Superintendence—(*continued*).									
(6) *Office Expenses*—									
LOCOMOTIVE AND CARRIAGE SUPERINTENDENT'S OFFICE.									
Chief Draftsman	...	350	1	350	2,100	1	350	2,100	...
Draftsman	...	237	1	237	1,422	1	237	1,422	...
Exchange Compensation Allowance.	...	...	...	...	252	...	...	*a* 252	...
Accountant	...	300	1	300	1,800	1	300	1,800	...
Clerks	...	*b* 101—150	2	260	1,560	2	285	*b* 1,710	...
Do.	...	100 & below.	95	2,355	14,130	95	2,355	14,130	...
Menials*	...	...	17	139	834	17	139	834	...
			117	...	22,098	117	...	22,248	...
LOCOMOTIVE STORES, PERAMBUR.									
Storekeeper	...	200	1	200	1,200	1	200	1,200	...
Travelling Allowance	...	...	...	...	50	...	...	*c* 100	...
Contingencies, Stationery and Printing, Hot-weather Establishment and Stores	...	...	...	...	3,850	...	...	*d* 3,850	...
Total I—(6) ...	...	...	118	...	27,198	118	...	27,398	26,545
Total I, General Superintendence ...	...	...	142	...	91,451	142	...	*e* 92,778	89,844
Chargeable to Carriage and Wagon Expenses, carried over to page 42	...	...	...	...	18,290	...	...	18,556	17,969
Chargeable to Locomotive Expenses Carried over ...	...	...	...	...	73,161	...	...	74,222	71,875

EXPLANATORY NOTE.

a. Calculated at Exchange of 1*s.* 3¾*d.* per rupee.

b. Increase of Rs. 25 provided for one Clerk. It is considered that the maximum salary of these two clerks should be assimilated.

* 2 Moochees, 1 Duffadar, 3 Naigues and 11 Peons.

c. To accord more closely with actuals.

d. Rs. 100 provided for Nilgiri Railway.

e. The charges under this head have been apportioned as under:—
Locomotive Expenses 80 per cent.
Carriage and Wagon 20 per cent.
As against 80 and 20 per cent. in June 1899 and December 1898 half-years.

MADRAS RAILWAY.

ABSTRACT **B.**

Locomotive Expenses—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	73,161	...	...	74,222	71,875
II.—Running Expenses (Wages connected with the working of Locomotive Engines)—									
(1) *Wages of Drivers and Firemen.*									
Drivers, Covenanted (in charge) ...	...	250	1	250	1,500	1	250	1,500	
Do. do.	...	250	2	250	3,000	2	250	3,000	...
Do. Uncovenanted (in charge) ...	...	250	3	750	4,500	3	750	4,500	...
Do. do.	...	101—200	66	...	60,000	66	...	*a* 57,300	...
Do. do.	...	100 & below.	65	...	20,000	65	...	*b* 22,000	...
Firemen do.	...	100 & below.	265	...	23,500	265	...	*c* 22,000	...
Brakesmen	...	...	10	...	800	10	...	*d* 800	...
Total II—(1) ...	...	...	412	...	1,13,300	412	...	1,11,100	1,02,556
(2) *Overtime Allowances* ...	...	...	...	...	41,500	...	...	*e* 40,000	38,733
(3) *All labour connected with fueling, cleaning and looking after engines in yard*	...	...	...	...	31,750	...	...	*f* 31,000	30,800
(4) *Contingent expenses, including clothing and travelling expenses*	...	...	...	...	290	...	...	*g* 1,000	*h* 655
Total II, Running Expenses...	...	...	...	...	1,86,840	...	...	1,83,100	1,72,744
III.—Fuel—									
1. Coal ...	...	...	...	...	4,53,093	...	...	*j* 4,47,443	*i* 4,73,012
2. Coke ...									
3. Patent Fuel ...									
4. Wood ...									
Carried over ...	...	...	...	...	7,13,094	...	...	7,04,765	7,17,631

Actuals. Tons.	Cwt.	Lbs.		Estimate. Tons.	Cwt.	Lbs.
18,986	2	0	1. Coal ...	24,646	3	73
...	...	...	2. Coke ...	...	...	...
12	10	0	3. Patent Fuel ...	961	0	60
44,559	7	6	4. Wood ...	24,819	0	12

EXPLANATORY NOTE.

a. To accord more closely with actuals. Rs. 4,400 provided for Nilgiri Railway.
b. Do. do. See reduction above under Drivers Rs. 101 to 200.
c. Do. do. Rs. 1,000 provided on account of Nilgiri Railway.
d. Provided for Nilgiri Railway.
e. To accord more closely with actuals. Rs. 1,200 provided for Nilgiri Railway.
f. Includes Rs. 750 on account of Nilgiri Railway. Rs. 750 transferred to B. II. (4).
g. Includes Rs. 200 on account of clothing for Brakesmen on Nilgiri Railway and Rs. 750 transferred from B. II. (3).
h. Passage money for two Covenanted Drivers.

Tons. cwts. lbs.

i. 1,559,578 engine miles at 50·30 lbs. = 18,986 2 0 Coal at Rs. 13-1-8 $\frac{4,762}{27,123}$ per ton ... = Rs. 2,48,815
Credited for Cinders ... „ 520
Add amount on account of Coal burnt ... „ 2,48,295
at 26·77 lbs. = 12 10 0 P. Fuel at Rs. 21-3-9 per ton ... = „ 2,60,644
at 139·99 „ = 44,559 7 6 Wood at Rs. 2-2-0 per 1,000 lbs ... = „ 265
„ 2,12,103
„ 4,73,012

Tons cwts. lbs.

j. 1,558,000 engine miles at 49·50 lbs. = 24,646 3 73 Coal at Rs. 12-4-0 per ton ... = Rs. 3,01,916
at 100·00 „ = 961 0 60 P. F. at „ 28-8-0 „ ... = „ 27,389
at 132·00 „ = 24,819 0 12 Wood at „ 2-2-0 per 1,000 lbs. = „ 1,18,138
4,47,443

The whole of the patent fuel is for use on the Nilgiri Railway. Decrease as compared with previous estimate and also with actuals due to an anticipated more extended use of Coal and to the lower rate at which it is expected it will be possible to issue it to the Engines. A reduction is also anticipated in the general consumption per mile of both coal and wood, as compared with the actuals owing, in the former case, to the partially burnt coal at Raichur having been used up and in the latter to the discontinuance of the use of wood on the Jalarpet, Bangalore Districts, where the consumption is heaviest.

MADRAS RAILWAY.

ABSTRACT **B.**

Locomotive Expenses—(*concluded*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	7,13,094	...	...	7,04,765	7,17,631
IV.—Water (including Wages and Stores) ...	...	...	...	...	18,800	...	...	*a* 18,800	18,364
V.—Oil, Tallow and other Stores expended on Engines in work ...	...	...	...	...	29,600	...	...	*b* 28,600	26,282
VI.—Maintenance and Renewals of Locomotive Engines—									
1. Wages	...	...	...	...	1,24,000	...	...	*c* 1,22,258	...
2. Overtime	...	...	...	...	7,000	...	...	7,000	...
3. Materials	...	...	...	...	1,29,000	...	...	*d* 1,32,000	...
			...	...	2,60,000	...	...	*e* 2,61,258	*f* 2,65,325
VI-A.—Maintenance and Renewals of Machinery, Tools and Plant—									
1. Wages	...	...	...	...	4,500	...	...	4,500	...
2. Overtime	...	...	...	...	1,200	...	...	1,200	...
3. Materials	...	...	...	...	2,600	...	...	2,600	...
			...	...	8,300	...	...	*g* 8,300	7,168
VII.—New Minor Works ...	...	...	...	...	1,500	...	...	1,500	534
VIII.—Payments to other Lines—									
Haulage of Trains ...	...	...	...	...	...	...	...	...	...
IX.—Unclassified Expenditure—									
1. Loss on Stores ...	...	...	...	...	3,000	...	...	3,000	...
2. Loss by Exchange ...	...	...	...	...	42,000	...	...	45,000	...
3. Carriage of Revenue Stores	...	...	...	...	38,000	...	...	40,000	...
Total IX ...	...	...	...	...	83,000	...	...	*h* 88,000	*i* 60,618
			...	...	11,14,294	...	...	11,11,223	10,95,922
Deduct sum chargeable to Fire Insurance Fund			...	...	...	...	...	...	12,349
Deduct cost of working the Kolar Gold Fields Railway	...	...	...	...	19,315	...	...	25,423	24,463
Deduct cost of working the Madras-Ennur Railway	...	...	...	...	5,022	...	...	5,113	3,768
Deduct cost of working the Nilgiri Railway	...	...	...	...	17,481	...	...	17,442	2823
		Total ...	...	...	41,818	...	...	47,978	40,580
Total Abstract B, Locomotive Expenses	...	...	...	...	10,72,476	...	...	10,63,245	10,55,342

EXPLANATORY NOTE.

a. Rs. 300 provided on account of Nilgiri Railway.

b. To accord more closely with actuals. Rs. 600 provided for Nilgiri Railway.

c. Rs. 1,742 provision for Watch and Ward Staff transferred to Abstract E. "Police."

d. Includes Rs. 54,000 on account of 2 new engines and Rs. 16,000 for 2 new boilers, as against a similar provision last half-year.

e. Rs. 4,500 provided for Nilgiri Railway. Increase of Rs. 2,000 provided under Materials to meet anticipated heavier expenditure under Repairs.

f. A large amount of materials than usual was expended in this half-year in the renewals and repairs of boilers.

g. Rs. 200 provided for Nilgiri Railway.

h. Rs. 15,000 provided for Nilgiri Railway. Reduction anticipated in charges for Loss by Exchange on stores consumed by Madras Railway. Increase anticipated in charges for carriage of coal.

i. No new engines were charged in this half-year. There were also no charges on account of loss on stores

MADRAS RAILWAY.

ABSTRACT **C.**

Carriage and Wagon Expenses—(*concluded*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for the Half-year, 31st December 1898.	
	Amount.	Total.	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—General Superintendence (as per page 36)	...	18,290	...	18,556	...	17,969
II.—Repairs and Renewals of Vehicles—						
COACHING VEHICLES—1.—Wages ...	38,200		a 37,980		32,079	
2.—Overtime ...	500		500		879	
3.—Materials ...	51,200		52,500		38,138	
	89,900		b 90,980		c 71,096	
GOODS VEHICLES— 1.—Wages ...	39,700		* 39,146		39,014	
2.—Overtime ...	1,000		1,000		1,113	
3.—Materials ...	39,340		40,840		56,173	
	80,040		d 80,986		e 96,300	
		1,69,940		1,71,966		1,67,396
II-A.—Repairs and Renewals of Machinery, Tools and Plant—						
1.—Wages ...	2,800		2,800		2,132	
2.—Overtime ...	750		750		449	
3.—Materials ...	2,500		2,500		1,741	
		6,050		6,050		4,322
III.—Cleaning Carriages and Wagons and Oiling—						
1. Labour including wages of Oilers, Carriage Cleaners and Examiners	21,000		21,000		19,757	
2. Stores, including oil, grease and other stores for consumption on Running Vehicles	18,250		16,800		14,831	
		39,250		f 37,800		34,588
IV.—New Minor Works	...		...		...	
V.—Unclassified Expenditure—						
1. Loss on Stores	1,500		1,500		...	
2. Loss by Exchange	15,200		15,500		15,562	
3. Carriage of Revenue Stores ...	2,500	19,200	2,500	g 19,500	1,436	16,998
	...	2,52,730	...	2,53,872	...	2,41,273
Deduct cost of working the Kolar Gold Fields Railway	...	4,381	...	5,808	...	5,386
Deduct cost of working the Madras-Ennur Railway	...	1,139	...	1,168	...	829
Deduct cost of working the Nilgiri Railway ...	...	3,965	...	3,985	...	...
	Total ...	9,485		10,961		6,215
Total Abstract C., Carriage and Wagon Expenses	...	2,43,245	...	2,42,911	...	2,35,058

EXPLANATORY NOTE.

a. Rs. 520 provision for Watch and Ward Staff transferred to Abstract E, "Police."

b. Rs. 1,000 provided for Nilgiri Railway. A slight increase based on actuals provided under Materials for ordinary repairs. Rs. 32,000 provided for renewals of 8 third class carriages as against a similar provision last half-year.

c. Only Rs. 5,142 expended in renewals in this half-year.

* Rs. 654 provision for Watch and Ward Staff tranferred to Abstract E. "Police."

d. Includes Rs. 12,180 for renewal of 4 cattle wagons and 2 brake vans as against a similar provision last half-year and Rs. 2,200 for repairs of Nilgiri Railway Goods Stock. A slight increase, based on actuals, provided under Materials for ordinary repairs.

e. Rs. 24,427 expended in renewals in this half-year.

f. To accord more closely with actuals. Rs. 1,250 provided for Nilgiri Railway.

g Rs. 800 provided for Nilgiri Railway.

MADRAS RAILWAY.

Locomotive Department.

APPENDIX **A** TO ABSTRACTS **B** AND **C**.

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1899.

Mileage rate for Locomotive and Carriage and Wagon Expenses.

The actual train-mileage for the half-year ended 31st December 1898 was 1,302,972, and it is estimated that the train-mileage for the half-year ending 31st December 1899 will be 1,303,000, and the following represents the average rates per train-mile as compared with actuals :—

	Estimate.	Actuals.
	As.	As.
B II—Running Expenses	2·25	2·12
B III—Fuel	5·50	5·81
B IV—Water	0·23	0·23
B V—Oil, Tallow and other Stores	0·35	0·32
B VI—Maintenance and Renewals of Locomotive Engines ...	3·21	3·26
B VI-A—Maintenance and Renewals of Machinery, Tools and Plant	0·10	0·09
C II—Repairs and Renewals of Vehicles	2·11	2·06
C II-A—Repairs and Renewals of Machinery, Tools and Plant ...	0·07	0·05
C III—Cleaning Carriages and Wagons and Oiling	0·46	0·42
	14·28	14·36

	Rs.	Rs.
Estimated cost of running 1,303,000 train-miles	11,63,317	...
Actual cost of running 1,302,972 train-miles	...	11,69,200
Add—Charges for Superintendence, New Minor Works, Payments to other Lines and Unclassified Expenditure ...	2,01,778	1,67,995
	13,65,095	13,37,195
Deduct—Cost of working the Kolar Gold Fields Railway	31,231	29,849
,, ,, Madras-Ennur Railway	6,281	4,597
,, ,, Fire Insurance Fund	...	12,349
,, ,, Nilgiri Railway	21,427	...
Total ...	58,939	46,795
TOTAL (ABSTRACTS B AND C)—LOCOMOTIVE AND CARRIAGE AND WAGON EXPENSES	13,06,156	12,90,400

MADRAS RAILWAY.

APPENDIX **B** TO ABSTRACTS **B** AND **C**.

Locomotive Department.

Rates of Wages for different Trades current at the Perambur Works.

No.	Designation.	European and Eurasian.				Native.			
		1st Grade.		2nd Grade.		1st Grade.		2nd Grade.	
		Rs.	A.	Rs.	A.	Rs.	A.	Rs.	A.
1	Chargeman (Erectors)	6	0	...		...		...	
2	1st Mates	4	0	...		...		...	
3	Fitters	3	8	2	0	0	12	...	
4	Turners	3	0	1	12	0	12	...	
5	Machinemen	...		...		0	10	0	6
6	Copper Smiths	...		...		0	12	...	
7	Smiths	...		...		0	12	0	8
8	Strikers	...		...		0	6	...	
9	Platers	4	0	...		...		...	
10	Boiler Smiths	3	0	1	12	0	12	...	
11	Rivetters	...		...		0	12	...	
12	Angle-iron Smiths	...		...		1	0	...	
13	Spring Smiths	...		...		0	12	...	
14	Carriage Lifters	2	0	1	8	...		...	
15	Do. Fitters	1	0	...		0	10	...	
16	Carpenter Maistry	...		...		1	8	...	
17	Carpenters	...		...		0	12	0	8
18	Painters	...		...		0	12	0	8
19	Trimmers	...		...		0	8	...	
20	Sawyers (Machinemen)	2	0	...		0	12	...	
21	Saw-sharpeners	...		...		0	10	...	
22	Moulders	2	0	...		0	12	0	8
23	Tin Smiths	...		...		0	10	...	
24	Cobblers	...		...		0	8	...	
25	File-cutters	...		...		...		...	
26	Coolies	...		...		0	4	...	

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT **D**.

Traffic Department.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for the Half-year ending 31st Dec. 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
1st.—Salaries, Wages, &c.		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
(a) *General Superintendence.*									
(1.) Traffic Manager	Unclassified.	1,200—1,500	1	1,500	9,000	1	1,500	a 9,000	...
Deputy Traffic Manager ...	Do.	850—1,000	1	1,000	6,000	1	1,000	b 6,000	...
Assistant do. do. ...	1st Class.	* 700—800	1	818	4,909	1	818	c 4,909	...
Do. do. do. ...	Do.	* 700—800	1	409	2,455	1	409	d 3,418	...
Do. do. do. ...	2nd Class.	550—650	1	727	4,364	1	700	e 4,082	...
Do. do. do. ...	Do.	550—650	1	318	1,909	...	...	f ...	...
Do. do. do. ...	Do.	550—650	1	545	3,273	1	550	g 3,300	...
Do. do. do. ...	3rd Class.	* 350—450	1	545	3,273	1	550	h 3,075	...
Do. do. do. ...	Do.	* 350—450	1	410	2,460	1	410	i 2,460	...
Do. do. do. ...	Do.	350 - 450	...	...	...	1	350	j 2,100	...
Traffic Inspector ...	...	101—200	1	125	750	1	125	750	...
Tarpaulin Inspectors ...	...	100 & below.	2	70	420	2	70	420	...
Exchange Compensation Allowance	...	...	...	...	2,689	...	...	k 2,845	...
Commission on Tourists' Tickets	...	...	...	250	1,500	...	167	l 1,000	...
			12	...	43,002	12	...	43,359	m 48,997
(2.) Office Establishment—									
HEAD-QUARTERS.									
Clerk	Unclassified.	250—300	1	275	1,650	1	275	1,650	...
Clerks	Do.	101—200	4	575	3,450	4	575	3,450	...
Do.	Do.	100 & below.	85	2,335	14,010	85	2,335	14,010	...
Menials †	Do.	...	25	188	1,128	25	188	1,128	...
DISTRICTS.			115	...	20,238	115	...	20,238	17,380
Acting Office Assistants ...	Unclassified.	125	3	375	2,250	...	..	n ...	...
Clerks	Do.	100 & below	43	995	5,970	43	995	o 5,976	...
Menials ‡	Do.	...	17	119	714	17	119	714	...
			63	...	8,934	60	...	6,684	7,397
(3.) Travelling Allowances ...	...	...	...	750	4,500	...	750	4,500	3,494
(4.) Contingencies	...	...	...	84	500	...	84	500	415
Carried over...	...	..	...	...	77,174	...	...	75,281	77,683

EXPLANATORY NOTE.

* These rates will apply to all future appointments and promotions.

a. Mr. F. W. Read, Rs. 1,500.

b. ,, D. Ross-Johnson, Rs. 1,000.

c. ,, J. L. Taylor, Rs. 818.

d. ,, W. A. Wilkinson, Rs. 409-1-5. On furlough up to 20th October 1899, and Rs. 818-2-10 from 21st October 1899

e. ,, G. Wallington, (Rs. $\frac{818\text{-}2\text{-}10+650}{2}$ = 734-1-5.) Rs. 700. Acts for Mr. Wilkinson on furlough up to 20th October and Rs. 650 from 21st October 1899.

f. ,, W. H. Johnstone, retired from service. *Vide* Board's letter No. 996, dated 5th May 1899.

g. ,, R. Greenall, Rs. 550. Promoted to 2nd Class due to retirement of Mr. W. H. Johnstone.

h. ,, E. R. Ross, (Rs. $\frac{454\text{-}8\text{-}8 + \text{Rs. } 650}{2}$ = Rs. 552-4-4.) Rs. 550. Acts for Mr. Wallington up to 20th October 1899 and Rs. 454-8-8 from 21st October 1899.

i. ,, G. W. Giles, Rs. 410.

j. Salary of a new Officer, Rs. 350, *vice* Mr. W. H. Johnstone.

k. Calculated at Exchange of 1*s.* 3¾*d.* per rupee. Includes Exchange Compensation Allowance for the new Officer, *vice* Mr. W. H. Johnstone.

l. In December half-year commission traffic is lighter.

m. Includes Rs. 7,364 being the amount paid to Mr. G. R. Byron as gratuity.

† 3 Lithographic Peons, 2 Book-binders, 16 Peons and 4 Punkahmen.

n. Four traffic divisions reverted to and these temporary posts abolished from 15th May 1899.

o. Includes provision for one Clerk on Rs. 20 per mensem on account of Nilgiri Railway.

‡ 4 Lithographic Peons, 9 Peons and 4 Punkahmen.

MADRAS RAILWAY.

ABSTRACT **D**

Traffic Department—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, ending 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	77,174	...	...	75,281	77,683
1st—Salaries, Wages, &c.—(*continued*).									
(b) *Station Staff.*									
Station Masters	1st Class.	250	1	250	1,500	1	250	1,500	...
Do. do.	Do.	225	2	450	2,700	2	450	2,700	...
Do. do.	Do.	101—200	16	2,200	13,200	16	2,200	13,200	...
Do. do.	Unclassified	100 & below.	312	8,441	50,646	313	8,499	*a* 50,994	...
Block Signalmen and Overtime Allowance	Do.	25—50	9	375	2,250	9	375	2,250	...
Coaching Clerks	Do.	100 & below.	164	3,870	23,220	166	3,910	*b* 23,460	...
Goods Agent	Do.	400	1	400	2,400	1	400	2,400	...
Do. Personal allowance.	...	...	...	...	...	...	100	*c* 600	...
Goods Clerk	Do.	101 to 200	1	135	810	1	135	810	...
Goods Clerks	Do.	100 & below.	166	4,617	27,702	166	4,617	27,702	...
Shunting Masters, &c.	Do.	10—60	95	2,446	14,676	97	2,481	*d* 14,886	...
Menials	Do.	...	1,936	13,741	82,446	1,956	13,870	*e* 83,220	...
Gatemen	Do.	...	291	1,679	10,074	291	1,679	10,074	...
Allowances	...	...	...	250	1,500	...	250	1,500	...
Loading and Unloading	...	...	...	500	3,000	...	67	*f* 400	...
			2,994	...	2,36,124	3,019	...	*g* 2,35,696	2,11,607
Deduct amount on account of expenses at Joint Stations ...	...	...	...	...	16,000	...	...	16,000	17,103
			2,994	...	2,20,124	3,019	...	2,19,696	1,94,504
Train Staff.									
Guards and Assistant Guards ...	...	100 & below.	193	8,945	53,670	193	8,945	*h* 53,670	...
Mileage Allowances	...	...	...	2,000	12,000	...	2,000	12,000	...
Travelling Ticket Collectors ...	...	...	4	153	918	4	153	918	...
Do. Allowances ...	...	...	...	25	150	...	25	150	...
			197	...	66,738	197	...	66,738	60,800
Carried over ...	...	...	...	...	3,64,036	...	...	3,61,715	3,32,987

EXPLANATORY NOTE.

	Amount. Rs.	No.	
a.	10	0	Increased wages for Senior Station Master, Ennur.
	45	1	Station Master for Ranipet.
	25	1	Assistant Station Master for Ennur.
	80	2	
Less.	20	1	Station Clerk at Ponnai Road withdrawn.
	60	1	
	2	0	Less saving Rs. 2-0-0 per mensem between Rs. 2,152-0-0 in half-year 30th June 1899, and Rs. 2,154-0-0 in half-year 31st December 1899, being 1rd of the pay of Station Masters and Assistants chargeable to Telegraph.
	58	1	
b.	20	1	Luggage Clerk for Washermenpet.
	20	1	Assistant Booking Clerk for Ranipet.
	40	2	

c. Vide G. of I. No. 610 R. E., dated 6th April 1899 and M. G. O., No. 455 Ry, dated 21st April 1899.

d.	20	1	Shunting Master for Ennur.
	15	1	No. Taker for Ennur.
	35	2	
e.	12	2	Porters at Rs. 6 each, }
	7	1	Shunting Porter, }
	6	1	Signal Peon, } for Ennur.
	10	1	Pointsman Maistry, }
	14	2	Pointsmen at Rs. 7 each, }
	18	3	Porters at Rs. 6 each for Washermenpet.
	7	1	Marker. }
	7	1	Goods Shed Peon, }
	36	6	Porters at Rs. 6 each, } for Ranipet.
	6	1	Scavenger, }
	14	2	Pointsmen at Rs. 7 each, }
	6	1	Scavenger for Yerragudipadu.
	6	1	Do. Kalamalla.
	149	23	
Less	6	1	Porter at Ponnai Road withdrawn.
	7	1	Pointsman at Reddipalli Do.
	7	1	Do. Nandalur Do.
	129	20	

f. Owing to contract system at Bangalore City having been discontinued.

g. Includes provision of Rs. 3,792 for Nilgiri Railway as per particulars in the Rolls for half-year June 1899.

h. Do. Rs. 1,680 do. do. do.

MADRAS RAILWAY.

ABSTRACT **D.**

Traffic Department—(*concluded*).

Authorizations for the Half-year ending 31*st December* 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year ending 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	3,64,036	...	...	3,61,715	3,32,987
2nd.—Fuel, Lighting, Water and General Stores—									
(1) Fire, Lights, Water and General Stores	...	...	...	6,666	40,000	...	6,666	40,000	...
(2) *Wagon Covers and Ropes*—									
Tarpaulin Repairers ...	...	12	30	270	1,620	30	270	1,620	...
Do. Materials ...	...	...	...	833	5,000	...	1,000	*a* 6,000	...
(3) Office and Station fittings and furniture	...	...	...	333	2,000	...	333	2,000	...
			30	...	48,620	30	...	49,620	44,785
3rd.—Clothing	...	...	...	1,083	6,500	...	1,083	6,500	5,431
4th.—Printing, Stationery and Tickets—									
Printing, Stationery, &c., for Traffic Department	...	...	...	...	33,500	...	...	33,500	...
Ticket Printing Office.									
Ticket Printers, &c.	...	100 & below.	10	278	1,668	10	278	1,668	...
Tickets and Stationery	...	...	...	...	4,500	...	...	4,500	...
			10	...	39,668	10	...	39,668	38,541
5th.—Charges for delivery and collection of goods.	...	...	...	500	3,000	...	500	*b* 3,000	1,464
6th.—Miscellaneous Expenses	...	...	...	125	750	...	125	750	...
Clock Winders	...	15—25	5	100	600	5	100	600	...
Repairs of Weighing Machines ...	...	...	...	...	1,800	...	...	1,800	...
Lamp Repairers	...	3—25	5	60	360	5	60	360	...
			10	...	3,510	10	...	3,510	2,641
7th.—Payments to other Lines—									
Expenses at Joint Stations ...	...	...	...	1,166	7,000	...	1,166	7,000	8,345
8th.—Unclassified Expenditure—									
Loss on Stores	...	...	...	...	...	...	...	...	...
Carriage of Revenue Stores ...	...	...	...	250	1,500	...	250	1,500	...
Loss by Exchange	...	...	...	1,000	6,000	...	1,000	6,000	...
			...	...	7,500	...	...	7,500	7,212
			...	...	4,79,834	...	...	4,78,513	4,41,406
Deduct sum chargeable to Fire Insurance Fund...	...	...	...	...	...	...	...	...	121
Deduct cost of working the Kolar Gold Fields Railway	...	...	...	...	8,317	...	...	10,947	9,853
Deduct cost of working the Madras-Ennur Railway	...	...	...	...	2,162	...	...	2,202	1,518
Deduct cost of working the Nilgiri Railway	...	...	...	...	7,528	...	...	7,511	...
Total ...	...	...	...	...	18,007	...	...	20,660	11,492
Total Abstract D. Traffic Expenses.	...	...	...	...	4,61,827	...	...	4,57,853	4,29,914

EXPLANATORY NOTE.

a. Slightly larger number of sheets for renewal.

b. Includes Rs. 1,000 for Ootacamund Out-Agency.

MADRAS RAILWAY.

Statement of Allowances to be paid to Officers and Servants of the Traffic Department provided for in the Establishment List for the Half-year ending 31st December 1899.

No.	Designation.	Allowances. Rs.	A.	P.	Nature of Allowances.
	For Officers who joined the Service prior to 7th October 1897, the date of G. O. No. 753 R.				
	Traffic Manager	105	0	0	Fixed allowance in lieu of travelling expenses.
	Deputy Traffic Manager	60	0	0	Do. do. do.
	Asst. Traffic Managers in charge of a Division.	60	0	0	Do. do. do.
	Do. do. N.-W. Line allowances.	50	0	0	Do. do. do.
	Do. do. Presidency allowances.	50	0	0	Do. do. do.
	Do. do.	...	...	...	Batta allowance according to scale when employed out of Madras on duty other than acting for an Officer on privilege leave.
1	Kalamalla Station	2	0	0	Water allowance.
1	Pattakotacheru do.	4	0	0	Do. do.
1	Nancherla do.	8	0	0	Do. do.
1	Molagavalli do.	2	0	0	Do. do.
1	Aspari do.	8	0	0	Do. do.
1	Nagarur do.	2	0	0	Do. do.
1	Kupgal do.	4	0	0	Do. do.
1	Kosgi do.	8	0	0	Do. do.
1	Tungabhadra do.	8	0	0	Do. do
1	Matmari do.	8	0	0	Do. do.
1	Station Master, Samalpatti	5	0	0	Special allowance, unhealthy station.
1	Do. Mallapuram	5	0	0	Do. do.
1	Assistant Station Master, Mallapuram ...	5	0	0	Do. do.
1	Station Master, Kadiampatti	5	0	0	Do. do.
1	Do. Walayar	5	0	0	Do. do.
1	Assistant Station Master, Walayar ..	2	8	0	Do. do.
1	Station Master, Kanyikod	5	0	0	Do. do.
1	Assistant Station Master, Rayapuram ...	2	8	0	House rent.
1	Do. Washermanpet ...	2	8	0	Do. *Vide* Minute No. 2 of the Official Meeting held on 26th February 1897.
1	Do. Perambur ...	2	8	0	House rent.
1	Station Master, Cauvery	...	...	...	Rent allowance Rs. 1-8-0 has been withdrawn.
1	Travelling Ticket Inspector	10	0	0	Fixed allowance in lieu of travelling batta.
3	Do. do. Collectors at Rs. 5 each ...	15	0	0	Do. do.
4	Pointsmen Inspectors	...	...	...	10 per cent. of salary allowance in lieu of batta—*Vide* Minute No. 8 of Official Meeting of 28th February 1896.
1	Marikuppam Station	8	0	0	Water allowance for Station Masters and Staff. On K. G. F. Railway.
1	Champion do.	8	0	0	
1	Urigam do.	8	0	0	
1	Balaghat do.	8	0	0	

All Guards working on the North-West Line between Arkonam and Raichur (1st and 2nd Divisions) are allowed 10 per cent. on their salaries.

Signallers in charge of Cuddapah, Gooty and Raichur Offices are allowed Rs. 10 each over and above their salaries, and the 2nd Grade Signallers placed at the above stations as well as the Signallers at Adoni are allowed at Rs. 5 each. Junior Signallers at Cuddapah, Gooty, Guntakal and Raichur Junctions are allowed 10 per cent. on their salaries.

Mileage Allowances.—Guards are allowed mileage allowance at the following rates per 100 miles worked :—

European and Eurasian Chief Guards	8	Annas.	As per G. O. No. 485 R. of 20th July 1897. Lower scale of allowance is proposed for disbursement.
Do. do. Under do.	4	do.	
Native Chief Guards	4	do.	
Do. Under do.	2	do.	

Traffic Manager's Office.—Staff Section Clerks' overtime. Staff Section Clerks are allowed two extra days' pay monthly when engaged on Sundays in preparing the Pay Sheets, provided that the total amount does not exceed Rs. 25.

An allowance of 25 and 15 per cent. on salaries is granted to Running Staff living at Coonoor and Mettupalaiyam respectively, when engaged with trains on the Nilgiri Railway—*Vide* Consulting Engineer's No. 3131, dated 18th November 1898.

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
1st.—Home Expenditure—		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
(1.) Directors and Secretary or Managing Director ...	...	...	...	...	30,000	...	...	30,000	...
(2.) Auditors and Accountants...									
(3.) Consulting Engineer and Inspecting Officers' Fees and Travelling Allowances.	...	...	...	...	9,000	...	...	9,000	...
(4) Office Expenses	...	...	...	...	...	...	...	..	...
Total I—(1) to (4) ...	...	...	...	....	39,000	...	...	39,000	33,294
2nd.—Salaries of Indian Management including Offices—									
(1.) *Agent and Manager's Department—*									
Agent and Manager ...	...	2,500	1	2,500	15,000	1	2,500	*a* 15,000	...
Assistant do. ...	...	500—800	1	800	4,800	1	800	*b* 4,800	...
Exchange Compensation Allowance ...	...	...	...	...	1,295	...	...	*c* 1,295	...
			2	...	21,095	2	...	21,095	20,777
Chief Clerk ...	...	250—300	1	300	1,800	1	300	1,800	...
Clerks ...	...	100 & below.	21	780	4,680	21	780	4,680	...
Menials * ...	...	...	12	94	564	12	94	564	..
			34	...	7,044	34	..	7,044	6,351
Travelling Allowances ...	...	...	...	117	700	...	117	700	*d* 624
Total II—(1) ...	...	...	...	...	28,839	...	...	28,839	27,752
(2, 3 & 4.) *Chief Auditor's Department—*									
Superintendence—									
Chief Auditor ...	...	1,200—1,500	1	1,350	8,100	1	1,425	*e* 8,550	
Deputy Auditor ...	...	850—1,000	1	800	4,800	1	950	*f* 5,700	...
Exchange Compensation Allowance ...	...	...	...	...	922	...	...	*g* 1,018	...
			2	...	13,822	2	...	15,268	13,749
Carried over ..	...	...	...	...	67,839	...	...	67,839	61,046

EXPLANATORY NOTE.

a. Mr. L. S. Moss, Rs. 2,500.

b. Mr. A. Edwards, Rs. 800.

c. Calculated at Exchange of 1*s.* 3¾*d.* per rupee.

* 1 Binder, 8 Peons, 1 Office Servant, 1 Staff Bungalow Peon and 1 Church Watchman.

d. Includes Rs. 9 paid on account of carriage hire.

e. Mr. F. Dunsterville, Rs. 1,425. Increased rate of salary provided (*Vide* Board's letter No. 953, dated 7th May 1897; G. I. No. 218 A. E., dated 3rd August 1897; and M. G. O. No. 563 R., dated 16th August 1897.

f. Mr. T. Wake, Rs. 950. Increased rate of salary provided: G. I., No. 700 R. E., dated 18th April 1899 and M. G. O., No. 520 Ry., dated 3rd May 1899.

g. Calculated at Exchange of 1*s.* 3¾*d.* per rupee.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	67,839	...	...	67,839	61,046
2nd.—Salaries of Indian Management including Offices—(*continued*).									
(2, 3 & 4.) *Chief Auditor's Department* (continued)	...	...	...	...	13,822	...	...	15,268	13,749
General and Traffic Audit—									
Assistant Auditor ...	1st Class.	700—800	1	550	3,300	1	700	*a* 4,200	...
Assistant Auditor ...	3rd Class.	350—450	1	400	2,400	1	450	*b* 2,687	...
Assistant Auditor ...	3rd Class.	350—450	1	400	2,400	1	450	*c* 2,700	...
Exchange Compensation Allowance	...	...	...	...	579	...	...	*d* 685	...
			3	...	8,679	3	...	10,272	8,338
Accountant	...	250	1	250	1,500	1	250	1,500	1,350
Travelling Auditors ...	...	101 to 200	5	800	4,800	5	800	4,800	...
Do. do ...	...	100 & below.	1	100	600	1	100	600	...
			6	...	5,400	6	...	5,400	4,795
Head Clerks	...	101—200	2	350	2,100	2	350	2,100	...
Clerks	...	100 & below.	210	4,945	29,670	210	4,945	*e* 29,670	...
			212	...	31,770	212	...	31,770	28,409
Menials *	...	...	17	131	786	17	131	786	724
Store Audit—									
Store Auditor	...	150—200	1	200	1,200	1	200	1,200	...
Stock-takers	...	100 & below.	9	300	1,800	9	300	1,800	...
Menial	...	...	1	7	42	1	7	42	...
			11	...	3,042	11	...	3,042	2,726
Allowances, &c.—									
Travelling	...	...	...	338	2,030	...	338	2,030	1,692
Carried over ...	...	...	...	...	67,029	...	...	70,068	61,783
	...	...	...	...	67,839	...	...	67,839	61,046

EXPLANATORY NOTE.

a. Mr. A. Corben, Rs. 700. Increased rate of salary provided, G. I. No. 700 R. E., dated 18th April 1899 and M. G. O., No. 520 Ry., dated 3rd May 1899.

b. Mr. J. F. Dinwoodie, Rs. 450. do. from 9th July 1899 do. do. do. do.

c. Mr. A. H. Francis, Rs. 450. Increased rate of salary provided, G. I. No. 700 R. E., dated 18th April 1899 and M. G. O., No. 520 Ry. dated 3rd May 1899.

d. Calculated at Exchange of 1s. 3¼*d.* per rupee.

e. Includes provision for 5 extra Clerks on Rs. 25 each per mensem for Nilgiri Railway as per previous Rolls.

* 1 Moochee, 1 Binder and 15 Peons.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year, 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	67,839	...	...	67,839	61,046
	...	...	...	...	67,029	...	...	70,068	61,783
2nd.—Salaries of Indian Management including Offices—(*continued*).									
(2, 3 & 4.) *Chief Auditor's Department*—(concluded).									
(4.) *Cash and Pay Office*—									
Cashier	...	250—300	1	300	1,800	1	300	1,800	
Assistant to Cashier	...	150—200	1	200	1,200	1	200	1,200	
Pay Clerks	...	50 & below.	11	550	3,300	11	550	3,300	
Clerks	...	100 & below.	7	285	1,710	7	285	1,710	
Shroffs	...	25 & below.	5	110	660	5	110	660	
Cash Peons	...	...	23	175	1,050	23	175	1,050	
Guard Peons	...	...	15	107	642	15	107	642	
			63	...	10,362	63	...	10,362	9,935
Allowances, &c.—									
Travelling Allowances ...	...	...	...	...	650	...	...	650	569
Contingencies	...	...	...	...	450	...	...	450	482
Total II—(2) to (4) ...	...	...	...	...	78,491	...	...	81,530	72,769
Carried over ...	...	...	...	...	1,46,330	...	...	1,49,369	1,33,815

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	1,46,330	...	...	1,49,369	1,33,815
2nd.—Salaries of Indian Management including Offices—(*continued*).									
† (5.) *General Store Department*—									
General Storekeeper ...	...	400—600	1	500	3,071	1	550	*a* 3,300	...
Warders	...	101—200	2	325	1,950	2	325	1,950	...
Do.	...	20—70	4	160	960	4	160	960	...
Clerk	...	101—200	1	125	750	1	125	750	...
Clerks, Timekeeper, &c. ...	...	100 & below.	21	604	3,624	21	609	*b* 3,654	...
Travelling Clerk	...	90	1	90	540	1	90	540	...
Carpenters	...	...	2	44	264	2	44	264	...
Menials *	...	...	24	199	1,194	24	199	1,194	...
			56	...	12,353	56	...	12,612	11,958
Travelling Allowance ...	...	...	...	...	180	...	...	*c* 150	146
Total II—(5) ...	...	...	...	...	12,533	...	...	12,762	12,104
(6.) *Medical Department*—									
Medical Officer	...	450—650	1	650	3,900	1	650	*d* 3,900	...
Exchange Compensation Allowance	...	...	...	...	279	...	...	*e* 279	...
			1	...	4,179	1	...	4,179	4,157
Apothecaries	...	101—200	7	1,035	6,210	7	1,035	*f* 6,210	...
Do.	...	100 & below.	12	1,018	6,110	12	1,018	6,110	...
			19	...	12,320	19	...	12,320	8,888
Carried over ...	...	...	...	...	16,499	...	...	16,499	13,045
	...	...	...	...	1,58,863	...	...	1,62,131	1,45,919

EXPLANATORY NOTE.

† Expenditure on account of daily labour is distributed to using departments, and is not included in this estimate.

a Mr. J. Mitchell, Rs. 550, from 19th May 1899. (*Vide* M. G. O., No. 309 Ry., dated 22nd February 1898, and Board's letter No. 967, dated 14th January 1898.)

b. Increase of Rs. 5 provided for Weigh Bridge Clerk.

* 1 Moochee.
3 Travelling Peons.
6 Ward Peons.
2 Office do.
2 Guard do.
5 Book-binders.
1 Cooper.
1 Cooly Maistry.
1 Chickledar.
1 Marker.
1 Chuckler.

c. To accord with actuals.

d. Dr. J. Currie, Rs. 650.

e. Calculated at Exchange of 1*s.* 3¼*d.* per rupee.

f. Includes Rs. 210 on account of Nilgiri Railway.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	1,58,863	...	...	1,62,131	1,45,919
	...	...	...	...	16,499	...	...	16,499	13,045
2nd.—Salaries of Indian Management including Offices—(*continued*).									
(6.) *Medical Department*—(concluded).									
Medical Storekeeper ...	...	...	1	50	300	1	50	300	300
Clerks	...	20—25	2	45	270	2	45	270	270
Menials *	...	...	18	139	836	18	139	836	815
			21	...	1,406	21	...	1,406	1,385
Contingencies.									
Allowance for Rent... ...	...	...	...	...	180	...	...	*a* 180	180
Carriage hire for Medical Officer	...	...	...	...	300	...	...	300	300
			...	...	480	...	...	480	480
Travelling Allowance ...	...	...	...	...	400	...	...	*b* 500	494
Total II—(6) ...	...	...	...	...	18,785	...	...	18,885	15,404
(7.) *Rents of Buildings and Lands* ..	..	...	...	...	1,100	...	...	1,100	...
(8.) *Furniture, Fittings and other Miscellaneous Expenses, Punkah and Tatty Coolies and Bhisties*—									
Agent and Manager's Office ..	...	...	...	...	120	...	...	120	119
Audit Office	...	...	...	...	381	...	...	381	343
General Stores' Office ...	...	...	...	...	36	...	...	36	36
Medical Department ...	...	...	...	...	...	...	...	...	...
Furniture, Fittings, &c. ...	...	...	...	...	3,050	...	...	3,050	3,392
Total II—(8) ...	...	...	..	...	3,587	...	...	3,587	3,890
(9.) *Printing and Stationery* ...	...	...	...	...	4,730	...	...	4,730	4,752
(10.) *Medicine and Contribution to Hospital*...	...	...	...	...	2,090	...	...	*c* 2,090	427
Total II ...	...	...	...	...	1,50,155	...	...	1,53,523	1,37,098
Carried over ...	...	...	...	...	1,89,155	...	...	1,92,523	1,70,392

EXPLANATORY NOTE.

* 17 Peons and 1 Lascar.

a. Allowance to Senior Apothecary.

b. To accord with actuals.

c. Includes Rs. 90 on account of Nilgiri Railway.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half year. No.	Sanctions for the previous Half year. Amount.	Sanctions for the previous Half year. Total for the Half year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs	Rs
Brought forward...	...	...	..	...	1,89,155	...	...	1,92,523	1,70,392
3rd—Police—									
(1.) *Supervision*—									
Chief Inspector	...	200 to 250	1	250	1,500	1	250	1,500	...
Inspectors	...	100 & below.	6	455	2,730	10	635	*a* 3,810	...
Sub-Inspectors	...	...	4	120	720	4	120	720	...
Clerk	...	...	1	20		1	20		
Allowance to Head Clerk, Traffic Staff Section, for Police Department	...	...	...	20	240	...	20	240	...
Record-keeper	..	..	1	15	90	1	15	90	...
Detectives	...	...	6	150	900	6	150	900	...
Checkers	...	...	10	120	720	10	120	720	...
Total III—(1) ...	...	..	29	...	6,900	33	...	7,980	6,234
(2.) *Constables*—									
Head Watchmen	...	...	12	267	1,602	16	387	*b* 2,322	...
Menials	...	...	230	1,418	8,508	286	1,800	*c* 10,800	...
Payments to Nizam's & Mysore Governments	...	...	...	...	1,500	...	...	1,500	...
Total III—(2) ...	..	...	242	...	11,610	302	...	14,622	10,386
(3.) *Contingencies*	...	...	...	...	3,700	...	...	3,700	2,709
Total III ...	...	...	...	...	22,210	...	...	26,302	19,329
Carried over ...	...	...	...	...	2,11,365	...	...	2,18,825	1,89,721

EXPLANATORY NOTE.

a. Includes provision for 1 Inspector on Rs. 60 and 3 Sergeants on Rs. 40 each transferred from Watch and Ward Staff of Locomotive Department at Perambur Works.

The total charge now included in this Abstract for Locomotive Watch and Ward is Rs. 4,092, of this Rs. 2,916 has been deducted from Abstracts B and C and of the balance of Rs. 1,176 Rs. 972 was the former charge to Capital for its share of Watch and Ward at Perambur Works and Rs. 204 is for a necessary increase of Staff.

b. Includes provision for 4 Watchmen on Rs. 30 each transferred from Watch and Ward Staff of Locomotive Department at Perambur Works.

c. Includes provision for two Watchmen on Rs. 8 each for Coonoor, Nilgiri Railway.
Do. for 36 Watchmen, &c., Rs. 382 per mensem, transferred from Locomotive Department.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31*st December* 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year, 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	2,11,365	...	...	2,18,825	1,89,721
4th.—Advertising (all advertisements of all Departments) ...	...	...	...	...	3,000	...	...	3,000	3,147
5th.—Electric Telegraph—									
(1.) *Salaries of Superintendents and Assistants—*									
Telegraph Engineer ...	...	700—900	1	250	1,620	1	700	*a* 4,200	...
Acting do. ...	...	...	1	625	3,584	...	...	...	...
Assistant do. ...	...	350—500	1	350	2,100	1	350	*b* 2,100	...
Exchange Compensation Allowance	...	...	...	...	624	...	...	*c* 450	...
Inspector	1st class.	200—250	1	250	1,500	1	250	1,500	...
Inspectors	2nd and 3rd classes.	101 to 200	2	220	1,320	2	220	1,320	...
Total V—(1) ...	...	...	6	...	10,748	5	...	9,570	9,487
(2.) *Signallers*	...	100 & below.	116	6,408	38,448	117	6,435	*d* 38,610	36,371
(3.) *Travelling Expenses* ...	...	...	...	...	1,380	...	...	1,380	988
(4.) *Office Expenses, Contingencies, &c.—*									
Head Writer	...	100 & below.	4	180	1,080	4	180	1,080	...
Writers									
Storekeepers	...	25—50	2	75	450	2	75	450	...
Peons	...	...	4	28	168	4	28	168	...
Travelling Expenses ...	...	...	...	10	60	...	10	60	...
Total V—(4) ...	...	...	10	...	1,758	10	...	1,758	1,438
(5.) *Maintenance, Wages and Stores—*									
Inspectors	...	100 & below.	10	580	3,480	10	580	3,480	...
Linemen	...	...	32	226	1,356	32	226	1,356	...
Trainmen	...	...	22	154	924	22	154	924	...
Intercommunication Maistries	...	...	5	95	570	5	95	570	...
Wages and Materials ...	...	...	...	...	19,234	...	...	19,234	...
Clothing	...	...	...	...	260	...	...	260	...
Total V—(5) ...	...	...	...	...	25,824	...	...	25,824	22,549
Carried over ...	...	...	...	...	78,158	...	...	77,142	70,833
	...	...	...	...	2,14,365	...	...	2,21,825	1,92,868

EXPLANATORY NOTE.

a. Mr. R. E. Pigott, Rs. 700. (*Vide* Board's letter, No. 970, dated 11th March 1898, G. of I., No 2511 G., dated 12th August 1898 and M. G. O., No. 1077 Ry., dated 22nd August 1898.)

b. Mr. H. L. Prendergast, Rs. 350.

c. Calculated at Exchange of 1*s.* 3¾*d.* per rupee.

d. One Signaller on Rs. 25 for Ennur and includes Rs. 2,154 per mensem, being ⅓rd of the amount of Station Masters' salaries of small stations where no Signaller is kept as against Rs. 2,152 in previous half-year.

Includes provision for one Signaller on Rs. 30 for Coonoor.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*concluded*).

Authorizations for the Half-year ending 31*st December* 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year, 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	2,14,365	...	...	2,21,825	1,92,868
	...	...	...	...	78,158	...	...	77,142	70,833
5th—Electric Telegraph— *(concluded).*									
(6.) *Government Telegraph Department for Rents, &c.* ...	...	...	...	...	1,360	...	...	a 1,451	895
Total V ...	...	...	...	...	79,518	...	...	78,593	71,728
6th—Clearing Accounts with other Lines ...	...	...	...	...	...	...	...	...	...
7th—Unclassified Expenditure—									
(1.) *Loss on Stores*	...	...	...	...	...	...	...	...	...
(2.) *Expenses connected with Fire Engines*	...	...	...	...	3,000	...	...	3,000	4,960
(3.) *Loss by Exchange*... ...	...	...	...	...	21,000	...	...	b 15,000	...
(4.) *Carriage of Revenue Stores*...	...	...	...	...	1,000	...	...	1,000	1,138
Total VII ...	...	...	...	...	25,000	...	...	19,000	19,976
Total ...	...	...	...	...	3,18,883	...	...	3,19,418	2,84,572
Deduct sum chargeable to Fire Insurance Fund	...	...	...	...	3,000	...	...	3,000	4,960
Deduct cost of working the Kolar Gold Fields Railway ...	...	...	...	...	5,527	...	...	7,307	6,352
Deduct cost of working the Madras-Ennur Railway ...	...	...	...	...	1,437	...	...	1,469	979
Deduct cost of working the Nilgiri Railway	...	...	...	...	5,003	...	...	5,013	...
Total ...	...	...	...	...	14,967	...	...	16,789	12,291
Total Abstract E., General Charges	...	...	...		3,03,916	...	...	3,02,629	2,72,281

EXPLANATORY NOTE.

a. Provision of Rs. 91 made on account of Arcot-Ranipet Branch. Includes Rs. 440 on account of Nilgiri Railway.

b. To accord with actuals.

MADRAS RAILWAY.

ABSTRACT G.

Special and Miscellaneous Expenditure.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for Half-year, 31st December 1898.	
	Amount.	Total.	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1st.—**Law Charges**	2,000	2,000	2,000	2,000	1,422	1,422
2nd.—**Compensation**—						
(1.) For Goods lost or damaged	1,000		1,000		a 3,063	
(2.) For Personal injury						
(3.) For other claims		1,000		1,000		3,063
3rd.—**Rates and Taxes** (*including Municipal Water-rates*)	11,000	11,000	11,000	11,000	11,905	11,905
4th.—**Payments to other Lines**—						
(1.) Hire of Locomotives	...		...		...	
(2.) Hire of Vehicles	...		...		...	
(3.) Mileage and Demurrage of Foreign Stock ...	5,000		5,000		533	
(4.) Rent of Stations, &c., jointly occupied ...	...		...		...	
(5.) Shunting at Joint Stations	...	5,000	...	5,000	...	533
5th.—**Prizes for Station Gardens, &c.**	1,000	1,000	1,000	1,000	600	600
6th.—**Contributions to**—						
(1.) Railway Provident Institution	37,000	37,000	37,000	37,000	19,792	19,792
7th.—**Miscellaneous**—						
(1.) Loss on Light Coins	...		...		...	
(2.) Bridge Toll Collection Establishment, &c. ...	...		...		...	
(3.) Conservancy	2,000		2,000		1,820	
(4.) Loss by Exchange	1,215		1,015		87	
(5.) Railway Schools	4,985		b 6,815		6,066	
(6.) Locomotive Schools	...		...		...	
(7.) Grant to employés for passing in the Vernacular	...		...		300	
(8.) Provision for unadjusted and disputed claims and bonus to Guaranteed Company's servants ...	...		...		...	
(9.) Commission and Stamp-duty on Debentures ...	...	8,200	...	9,830	...	8,273
		65,200	...	66,830	...	45,583
Deduct sum chargeable to Fire Insurance Fund ...	...	1,000	...	1,000	...	19
,, cost of working Kolar Gold Fields Railway ...	...	1,130	...	1,529	...	1,017
,, ,, Madras-Ennur Railway ...	...	294	...	307	...	157
,, ,, Nilgiri Railway ...	...	1,023	...	1,049	...	...
Total ...		~~3,447~~ 3,447		3,885		1,193
Total Abstract G. Special and Miscellaneous Expenditure.	...	61,753	...	62,945	...	44,395

See notes (d) and (e) on page 75.

EXPLANATORY NOTE.

a. Actuals in Half-year December 1898 were more than anticipated.

MADRAS RAILWAY.

Railway Schools.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year, 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Teachers... { Masters ... / Mistresses ... }	...	100 & below.	{ 1 / 24 }	1,053	6,320	{ 1 / 24 }	1,053	*a* 6,320	5,754
Gymnastic Instructors ...	...	25—30	2	55	330	2	55	330	326
Clerks	...	10—15	2	25	150	3	30	*b* 180	150
School Library Writer ...	...	...	1	10	60	1	10	60	60
School Servants	...	...	14	90	540	14	90	540	399
Rent for School, Raichur ...	...	...	...	...	385	...	...	*c* 385	382
Books and Stores	...	...	...	...	1,000	...	...	1,000	1,063
School Prizes	...	...	...	...	...	...	...	*d* 300	309
Travelling Allowances ...	...	...	...	...	150	...	...	150	108
Contingencies	...	...	...	...	25	...	...	25	6
Clothing	...	...	...	...	25	...	...	25	17
	...	...	...	...	8,985	...	...	9,315	8,574
Less School Fees, Government Grants	...	...	...	...	4,000	...	...	*e* 2,500	2,508
	...	...	...	...	4,985	...	...	*f* 6,815	6,066

EXPLANATORY NOTE.

a. Rates of salary—

		Rs.
Head Mistress	Holding certificate.	50—70
Asst. do.	trained	45
Do. do.	untrained ...	30
Other teachers, maximum	...	25

b. Allowance of Rs. 5 to Traffic Clerk who does the school clerical work at Jalarpet.

c. Divisible between Madras and G. I. P. Railways.

d. Annual charge.

e. To accord with actuals.

f. Net expenditure chargeable to Revenue.

MADRAS RAILWAY.

Regulations for furlough, sick leave, and privilege leave.

I.—FURLOUGH.

1. The Agent may grant furlough to any European Officer of the Company, who can be conveniently spared, according to the following scale :—

A first furlough for a period not exceeding—

12	months	after	7	years' service.
14	do.		8	do. do.
16	do.		9	do. do.
18	do.		10 or more	do.

A second or subsequent furlough for a period not exceeding—

6	months	after	3 years'	further service, dating from the expiration of the previous furlough or sick leave.
8	do.		4	do. do.
10	do.		5	do. do.
12	do.		6	do. do.
14	do.		7	do. do.
16	do.		8	do. do.
18	do.		9 or more	do. do.

2. The period of service upon which furlough may be granted is to be exclusive of time spent on leave of absence of any kind whatever, except privilege leave. No second or subsequent furlough shall be granted till after a further actual service of three years, commencing from the date of the expiration of the previous furlough; and no single furlough shall be granted for a longer period than eighteen months.

3. With the proviso that no furlough pay shall exceed the rate of 1,000*l.* per annum, an officer absent on furlough will be allowed half the substantive pay of his appointment, excluding all allowances.

II.—SICK LEAVE.

4. The Agent may at any time during service grant an Officer of the Company leave of absence for any period not exceeding twelve months, on the production of a certificate from the Company's Medical Officer, or other Medical Officer to be approved by the Agent, declaring that he is of opinion that sick leave is necessary for a certain period, and that at the end of such time the Officer will probably be fit to resume his duties; provided the Agent is satisfied that the sickness has not been caused by any misconduct of the Officer; provided also that nothing in this rule shall be considered as precluding the Board of Directors of the Company from extending the leave of absence of any Officer of the Company who may have visited England on a sick certificate, for such further period as to such Board may appear proper, subject to the production of a sick certificate from the Company's Medical Officer in England, containing a declaration similar to that above prescribed.

5. With the proviso that no sick leave pay shall exceed the rate of 1,000*l.* per annum, an Officer absent on sick certificate will be allowed half the substantive pay of his appointment, excluding all allowances.

III.—PRIVILEGE LEAVE.

6. The Agent may grant leave of absence to an extent not exceeding one month in each year without deduction of pay. He may permit such one month's leave to be cumulative to the extent of three months, but no longer, so that at the end of twenty-two months' continuous service he may grant to the Officer, if he think proper, two months together, or at the end of thirty-three months, three months together. But an Officer who takes accumulated leave

during the last three months of the third year shall not be permitted to take the first month of the next year on account of that year, or any further privilege leave, until an interval of at least eleven months shall have elapsed from the time of his resumption of duty.

IV.—SPECIAL LEAVE.

7. The Agent may grant to any Officer of the Company, who has served for a period of not less than two years, if he can be conveniently spared, special leave of absence for any period not exceeding six months, on urgent private affairs, but not so as to be joined on to any privilege leave or furlough, and no pay or allowance shall be drawn for the period of such leave.

V.—GENERAL CONDITIONS.

8. All leave granted under the foregoing rules shall commence from the date of the Officer making over charge of his duties, and terminate on his again taking charge of his duties.

9. All Officers visiting England on furlough or sick leave are, immediately after arrival, to report themselves, either personally or by letter, at the Head Office of the Company in London and they are not to return to India without having first obtained the permission of the Board.

10. Officers absent on furlough or sick leave may draw their furlough or sick leave pay monthly, as it becomes due, upon condition of their making a declaration, at the commencement of their leave, that it is their intention to return to duty at the expiration thereof, and engaging in the event of their not returning, to refund the money, should they be called upon to do so.

11. It must be distinctly understood that neither furlough nor privilege leave can be claimed by any Officer as a right, and that such leave will be granted only when, in the opinion of the Agent, it can be given without detriment to the service of the Company.

12. A service of not less than three months is necessary between the date of return from three months' accumulated privilege leave and the grant of furlough, or between the date of furlough, or leave on sick certificate, and the grant of privilege leave.†

13. The duties of Officers on leave under these regulations will be performed, whenever possible, by the existing staff in India. An Officer of any grade, acting in place of another Officer of a higher grade who may be absent on sick leave or furlough, will be entitled to draw one-half of the combined substantive pay of the two appointments, with the full allowances of whichever of the two appointments has the highest allowances; but this arrangement does not apply to Officers acting for others absent on privilege leave. In calculating acting allowances * the personal allowance (if any) enjoyed by the Acting Officer only shall be combined with the substantive pay drawn by him, provided that the personal allowance has been granted in consideration of long and specially good service. The sum of pay, personal allowance (if any) and acting allowance drawn by an Officer, shall not exceed the minimum pay of the appointment in which he is officiating, except when his substantive pay, together with his personal allowance (if any) is higher than the minimum pay of the appointment in which he is officiating, in which case the sum of the substantive pay and personal allowance must not be exceeded.

* See ruling given below.

14. Excepting the case of Officers entitled to free passages under their agreements, all travelling expenses of Officers going on leave, or returning to their duty, must be defrayed by the Officers themselves.

15. All applications for leave must be made officially to the Agent through the head of the department to which the applicant belongs. The applicant must state in his application the dates and other particulars of leave of every description previously obtained by him.

LONDON, *5th January*, 1883.

† *Vide* Board's letter, No. 571, dated 25th February, 1876.—A period of three months' duty should intervene between the return from privilege leave of any length and the grant of furlough. *Vide* para. 5 of Board's letter No. 973 dated 22nd April 1898.

Extract from G.O., No. 519 R., dated 13th August, 1895.

"An officer acting for another on a progressive salary shall draw half of his own salary (whether it include personal allowance or not and whether it be progressive salary or not) with half of the actual substantive pay attached to the post in which he acts."

* Para. 13.—FURLOUGH REGULATIONS.

An Officer while so acting is entitled to draw only one-half of his Personal allowance.—(See letter from Board, No. 763, dated 21st May, 1886, and letter from Consulting Engineer, No. 153, dated 15th March, 1886). See also Consulting Engineer's letter, No. 749, dated 29th November, 1886.

RETIREMENT AT EXPIRATION OF FURLOUGH.

Extract from a letter from the Secretary No. 993 dated 24th March 1899.

Para.—8. I have submitted to the Board the Copy of G. O. 1493 Ry: dated 3rd December 1898, received with your No. 2398 and referred to in para. 8 in which the sanction of the Government of India is recorded to the proposal to allow Mr. F. G. Lynde, Resident Engineer, Bombay Baroda and Central India Raliway to retire from the service of that Company on the expiration of his furlough without requiring him to refund his leave allowances, and in which it is added that all future cases of this kind which may have been approved by the Board of the above named Company may be dealt with by the Government of Bombay without reference to the Government of India.

In reply to the question raised by the Chief Auditor, I am to inform you that the Board are of opinion that a similar ruling to the above may, subject to the necessary sanction, be applied to this Company in the case of Officers of 10 years' service and upwards. For Officers of shorter service, you should, in each case, apply for the orders of the Board. As a rule, an Officer desirous of retiring after the expiry of the furlough due to him, should declare his intention to that effect, so that all matters connected with his work may be adjusted previous to his departure from Madras.

Extract from a letter from the Consulting Engineer No. 1357 dated 27th April 1899.

I have the honor to inform you that the sanction of Government does not appear necessary to the procedure to be adopted. I understand from the correspondence that your Board have delegated to you the power of permitting, subject to Government sanction, officers of over 10 year's service to retire at the end of furlough without forfeiting their leave allowances. To this delegation of powers there appears to be no objection.

RATE OF PAY TO BE DRAWN BY OFFICERS OF INDIAN RAILWAYS ABSENT ON DUTY IN EUROPE.

Paras. 103 and 104, Civil Service Regulations.

103. A Civil Officer or a Military Officer in Civil employ, who, with the sanction of the Secretary of State, is deputed to Europe on special Civil duty, is entitled from the date on which he makes over charge of his office in India to the date on which he resumes it to an allowance not exceeding two-thirds of the salary which he would draw were he on duty in India.

Note.—Under very special circumstances the Secretary of State may relax this rule.

104. A Civil Officer or a Military Officer in Civil employ, who, under the orders of the Secretary of State, is detained in Europe on Civil duty or permitted to remain on special Civil duty beyond the period of his leave, is entitled—

(i) If on any leave other than privilege leave to an allowance not exceeding two-thirds of his pay and allowances in India.

(ii) If on privilege leave to an allowance not exceeding half his pay and allowances in India for the period during which he is so detained or permitted to remain on special Civil duty.

Vide Para. 9, Board's letter, No. 912, dated 1st February, 1895.

ACTING ALLOWANCES TO BE DRAWN BY OFFICERS OFFICIATING FOR OTHERS WHO HAVE BEEN DEPUTED TO ENGLAND ON DUTY.

Paras. 117 and 125, Civil Service Regulations.

117. The maximum salary of an officiating officer is the pay of the appointment.
The minimum salary of an officiating officer is half the pay of the appointment.

* * * *

125. An officer with a substantive appointment officiating in another appointment or in a higher grade is entitled to an acting allowance of one-fifth of the pay of the appointment or grade, but the acting allowance shall not be less than—

(i) Two-thirds of the difference between the pay of the appointment or grade and the pay of the officiating officer.

(ii) Or subject to the limit of the maximum salary (see Article 117) Rs. 200.

Vide Para. 16, Board's letter, No. 924, dated 11th October, 1895.

ALLOWANCES TO OFFICERS CALLED FROM THE MOFUSSIL TO HEAD QUARTERS ON DUTY.

Minutes of Official Meeting, dated 27th August, 1893.

An allowance according to the following scale, to meet carriage-hire and increased house-rent, will be granted to officers transferred from the Mofussil to Madras for a period of six months or less, when officiating for an officer absent on privilege leave when no acting allowances are drawn :—

Scale.	Per mensem.
Officers drawing a salary over Rs. 500 and up to Rs. 900 ...	Rs. 100
Do. do. of „ 500 and under ...	„ 50

MADRAS RAILWAY.

Travelling Allowance Rules.

Daily Scale of Batta to be drawn by officers and others employed on the *open* line of the Madras Railway when travelling on duty. To apply to all joining the service after the 7th October 1897 and to those who on that date were not in receipt of fixed travelling allowances.

Designation or Class of Office.	Rate per Day. Rs.	A.	P.
Agent and Manager (~~already sanctioned~~)	10	0	0
Chief Engineer ... ... } Locomotive Superintendent ... } each	7	8	0
Traffic Manager ... ... }	6	8	0
Chief Auditor	5	8	0
Officers drawing Rs. 1,000 and over	4	8	0
„ „ „ 500 and under Rs. 1,000	2	8	0
„ „ „ 350 „ „ „ 500	2	0	0
Upper Subordinates on Rs. 300 and above	1	8	0
„ „ 200 and under 300	1	0	0
Others „ 100 „ 200	0	8	0
„ „ 50 „ 100	0	4	0
„ „ 25 „ 50	0	2	0
„ „ 15 „ 25			
„ under „ 15			
„			

2. List of FIXED ALLOWANCES authorised to be drawn by certain officers and other employés engaged on the *open* line.

* Chief Engineer	Rs. 105 per mensem.
* District Engineers	Fixed allowance, Rs. 75 per mensem.
	In charge of one District with an Assistant, Rs. 75 per mensem.
	In charge of one District without an Assistant, Rs. 105 per mensem.
	In charge of two Districts or their equivalent with an Assistant, Rs. 105 per mensem.
	In charge of two Districts or their equivalent without an Assistant, Rs. 175 per mensem.
* Assistant Engineers ...	Fixed allowance, Rs. 75 per mensem.
* Engineering Assistants (3)...	Rs. 2 per diem for each.
* Telegraph Engineer ...	Fixed allowance, Rs. 105 per mensem.
* Traffic Manager	Fixed allowance, Rs. 105 per mensem.
* Dy. do.	Fixed allowance, Rs. 60 per mensem for each.
* Asst. do.	
Assistant Traffic Managers on duty in Madras... ...	Presidency allowances, Rs. 50 per mensem—also batta allowance according to scale when employed out of Madras on duty. (Minutes of Meeting, 29th September 1881 and 30th January 1893.) An officer residing in Madras and attached to the head office, called upon to do special duty away from head-quarters will be paid the batta allowance according to scale as well as the Presidency allowance for the whole period during which such special duty lasts, subject to a limit of two months.
Assistant Traffic Manager ...	North-West Line allowance, Rs. 50 per mensem.
Chief Inspector (Police) ...	Fixed allowance, Rs. 60.
Police Inspectors	do. „ 15.
Locomotive Superintendent * ...	do. „ 105.
Travelling Auditors	do. „ 50 for each when not occupying Company's quarters.
Do. do.	do. „ 35 „ do. provided with do.
Pay Clerks	do. „ 7 „
Gymnastic Instructors	do. „ 8 „

Note.—The fixed allowances granted to officers marked with an asterisk * will only apply to officers who were permanently appointed to the service before the 7th October 1897—See Government of India Order No. 2589 G., Railway Branch, dated 23rd September 1897.

As a general rule, fixed travelling allowances cannot be drawn by officers during privilege leave, unless tents and horses are required for the due performances of their duties and are maintained at their expense, during their absence on privilege leave. Those officers who joined the service before 1st January 1897, and have been allowed under Board's letter No. 548 of 12th March 1875, to draw their fixed allowances when on privilege leave may continue to do so—*vide* Board's ruling in letter No. 951 of 9th April 1897, para. 11. This

concession and the concession in respect to fixed monthly allowances are limited to the following officers :—

Engineering Department	... ...	Mr. E. W. Stoney.
„ „	... ...	„ H. J. Thompson.
„ „	... ...	„ G. A. F. French.
„ „	... ...	„ J. M. Ewing.
„ „	... ...	„ Ross Chisholm.
„ „	... ...	„ F. A. Pawley.
„ „	... ...	„ A. B. Strange.
„ „	... ...	„ J. B. Duncan.
„ „	... ...	„ A. C. Gale.
Locomotive Department	... ...	„ C. E. Phipps.
Traffic Department	... ...	„ F. W. Read.
„ „	... ...	„ D. Ross-Johnson.
„ „	... ...	„ W. A. Wilkinson.
„ „	... ...	„ J. L. Taylor.
„ „	... ...	„ ~~W. H. Johnstone.~~
„ „	... ...	„ G. Wallington.
„ „	... ...	„ R. Greenall.
„ „	... ...	„ E. R. Ross.
Telegraph Department	... ...	„ R. E. Pigott.

3. When travelling on foreign lines, Rs. 5 per day in addition to home line allowance to all drawing salaries of Rs. 200 and upwards; double the home line allowance to all drawing less than Rs. 200 per mensem.

When travelling off the line of railway by road or canal, employés of the Company are entitled to mileage allowances in addition to the home line allowances as follows :—

First Class.—All officers of the Company ... 8 annas per mile.

Second Class.—Upper subordinates and employés drawing Rs. 100 a month and upwards ... ... 4 annas per mile.

Third Class.—Subordinates drawing less than Rs. 100 a month ... ... 2 annas per mile.

When it is necessary to incur tonga or cart hire on a journey on the Nilgiri Hills, the mileage allowances will be increased by 50 per cent. This is in accordance with the Civil Service Regulations, Chapter LI, para. 1251-2.

Cases in which the allowance when travelling on foreign lines or by road or by canal may prove insufficient will be dealt with specially at the Periodical Meetings.

4. Scale of FIXED MONTHLY BATTA to be drawn by officers of the Madras Railway engaged on Surveys or on Construction.

Designation or Class of Office.	Fixed monthly allowance.
	Rs.
Engineer-in-Chief	150
Officers drawing Rs. 750 and over	100
„ „ „ 350 and under Rs. 750	75

These fixed allowances are to cover all expenses of keeping up tents (supplied at first by Company), horses and conveyances and expenses incurred in moving about within the limits of a division or in visiting the Head-quarters stations.

The Board have ruled in their letter No. 951 of the 9th April 1897 that, when tents and horses required by officers for the due performance of their duties are maintained at their expense during their absence on privilege leave, the fixed travelling allowance may be drawn. A certificate in support of the claim for the allowance when on privilege leave must be submitted.

5. Scale of FIXED BATTA to be drawn by monthly paid subordinates of the Madras Railway engaged on Surveys or on Construction.

Designation or Class of Employés.	Fixed monthly rates.
	Rs.
Drawing Rs. 300 and above	50
,, ,, 200 and under Rs. 300	40
,, ,, 100 and under Rs. 200	30
,, ,, 50 and under Rs. 100	20
,, under Rs. 50	10

These fixed allowances are to cover all expenses of keeping up tents (supplied at first by Company), horses and conveyances and expenses incurred in moving about within the limits of a division or in visiting the Head-quarters stations.

An allowance of 25 and 15 per cent. on salaries is granted to Running Staff of the Traffic and Locomotive Departments living at Coonoor and Mettupaliyam when engaged with trains on the Nilgiri Railway—*vide* Consulting Engineer's No. 3131 dated 18th November 1898.

RULES REGARDING BATTA ALLOWANCES WITH EXAMPLES.

Sanctioned at Official Meeting of the 25th June 1891.

1. The distinction between day and night batta is abolished.

2. Batta is claimable under the following rules :—

For absence from Head-quarters—

Not exceeding 6 hours ..... = *Nil.*
Exceeding 6 and not exceeding 12 hours... = half a day's batta.
And for every period of 12 hours or part of 12 hours after the first ..... = half a day's batta.

In other words : an absence of

0 to 6 hours entitles to *no* batta.
Over 6 and up to 12 hours inclusive, to half a day's batta.
Over 12 and up to 24 ,, ,, ,, full day's batta.
Over 24 and up to 36 ,, ,, ,, 1½ days' batta.
Over 36 and up to 48 ,, ,, ,, 2 days' batta, and so on.

3. Batta may only be drawn for actual absence from Head-quarters on duty.

4. An employé transferred temporarily, from one station to another, may not draw batta continuously for a longer period than two months: transfers for over two months will be treated as permanent.

5. Heads of Departments must see that every batta certificate shows clearly the date and hour of each departure and each return to Head-quarters : the Audit Office will disallow all batta drawn on certificates not giving the requisite information.

6. Batta certificates will continue to show the stations visited and the specific object of each journey, and these statements must be signed by the Head of the Department to which the employé belongs. When the claim is made by the Head of a Department, the certificate must be signed by the Agent and Manager.

ULES FOR REGULATING THE PAYMENT OF BATTA AND TRAVELLING ALLOWANCES TO WITNESSES WHILE ATTENDING COURT.

(1). Except in criminal cases, Company's servants attending Court as witnesses on behalf the Company will be allowed both salary and batta, under the rules in force.

(2). In criminal cases connected with the Company's business or the Public good, salary be paid by the Company, but batta must be recovered from the Court.

(3). In criminal cases tried by petty Courts advances of batta may be made by Heads partments upon receipt of a duplicate bill certified as admitted under signature of the rate.

In Court cases other than those above enumerated the Company will pay neither batta.

SICK LEAVE TO SUBORDINATE SERVANTS.

Minutes of Official Meeting, dated 28th November 1878.

It shall be competent for Heads of Departments to grant each servant one month's sick leave during each year of service with full pay.

Sick leave will not be allowed for a longer period than three *consecutive months*, but leave beyond *one month* and the salary to be granted during such leave will be subject to the approval of the Agent and Manager.

In no case will a servant be allowed more than a moiety of his salary when his leave is extended beyond one month; but should it be found necessary to employ a substitute, and one be not procurable for the remaining moiety of the absentee's salary, the absentee will in that case receive only the difference between the amount paid to the substitute, and the salary of his appointment.

Minutes of Official Meeting, dated 26th June 1896.

In future cases, when men have received during the two preceding years grants of half pay while on sick leave over and above the one month's full pay in each year granted departmentally, application for half pay will not be entertained unless under special circumstances and specially recommended by the Head of the Department.

EXTRACT *from Agent and Manager's No. 5114 of the 7th November* 1883.

Applicable to the employés of all departments on fixed monthly salaries—*vide* Agent and Manager's No. 5816 of 18th December 1883 * * * employés obliged to remain away from their work owing to members of their families being laid up with any infectious disease, should be in all ways treated as if they were themselves ill and from that cause unable to come to work.

FOREMEN AND COVENANTED SUBORDINATES.

PRIVILEGE LEAVE.

Minutes of Official Meeting, dated 24th March 1891.

The Agent may grant to Foremen and Covenanted subordinates of all departments one month's privilege leave in each year cumulative to the extent of three months in addition to the sick leave under the rules for sick leave to subordinates, with this exception that those eligible for privilege leave under this rule will in no case draw more than half pay for sick leave.

Leave under this rule is subject to all the conditions applicable under the Company's rules to the grant of privilege leave.

UPPER SUBORDINATES.

PRIVILEGE LEAVE.

The Agent and Manager is authorised to grant to all monthly paid upper subordinat drawing Rs. 200 and upwards two months' cumulative leave on full pay when such leave spent in India and three months' cumulative leave when such leave is to be spent in Eu or in the Australian Colonies—*vide* para. 9 of Board's letter, No. 926, dated 25th October 1

Those eligible for privilege leave under this rule will in no case draw more than pay for sick leave: leave under this rule is subject to all the conditions applicable und Company's rules to the grant of privilege leave—*vide* Minute No. 10 of Minutes of Meeting, dated 28th February 1896.

FURLOUGH OR SPECIAL LEAVE.

Furlough or special leave to England sanctioned at Official Meeting to Covenanted For men and Subordinates will carry with it half pay and Exchange compensation allowance when admissible—*vide* paragraph 16 of Board's letter, No. 904, dated 28th September 1894, and Minutes of Official Meeting, dated 10th December 1894.

PAYMENT OF LEAVE ALLOWANCES IN EUROPE TO EMPLOYES WHO ARE NOT IN RECEIPT OF EXCHANGE COMPENSATION ALLOWANCE, AT 1*s.* 6*d.* PER RUPEE.

All employés of Railway Companies who do not draw Exchange compensation allowance shall be permitted to draw their furlough and sick leave allowances in Europe, at the privileged rate of 1*s.* 6*d.* to the rupee, subject to the proviso that the calculation of furlough and sick leave allowances of those who draw an increase to their pay in lieu of Exchange compensation allowance shall be based on their pay exclusive of such allowance—*vide* G. O., No. 74 R., dated 15th January 1898, and Board's letter, No. 970, dated 11th March 1898.

(A. & M. 1.)

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS.

Madras, 9th/10 June 1899.

No. 1809

OFFICE NOTE.

Letter from the Agent, S. Indian Railway, No. 11551/668, dated 9th June 1899, forwarded to the Examiner of Railway Accounts for remarks.

10.6.99.

for E. R.

EXAMINER'S REPLY.

√ Page 2. Madras Ry. Abstract Traffic Expenses. The "per cent on gross Earnings" against this item should be 8.58 and not 8.57 and alterations should be made where necessary.

√ Page 34 "Running Shed" should be "Running Sheds"

√ "Mettupolayam" should be "Mettupalayam"

√ Page 37 In the remark against "Travelling allowance" for the word "closer" the words "more closely" should be substituted.

√ Page 44. For the sake of uniform the entry on account of Fire Insurance

No. 1907 & 16.6.99.

forwarded to AM for ~~action~~ with reference to his letter No. 11551/668 of 9th 899.

The correction, Erratt rolls & any extra slips should be ~~with~~ as early as possible.

Signature.

16/6/99

10.6.99.

for E.R.

might be removed and inserted below the figure 1337/95.

Page 79. Travelling allowance rules Agent and Manager. The words "(already Sanctioned)" should be omitted.

Page 82 Para 5. "Mettupaliyam" should be "Mettupalaiyam".

J.S.W. 14/6/99

C.C.

14.6.99.

Rep

(No. I.)

No. 11551

728

(A. & M. I.)

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 24th June 1899.

RECEIVED 26 JUN. 1899 MADRAS.

From

3260

26.6.99

To The Agent and Manager.
M. & S. Ry.

The Consulting Engineer for Railways.
Madras.

SIR,

With reference to your endorsement No. 1907 dated 16th June 1899 on copy of a note by the Examiner of Railway accounts, Madras, dated the 14th idem, I have the honour to submit for your signature* and return, a fair copy of the Establishment Rolls and Working Estimates for the half year ending 31st December 1899, from which it will be seen that the alterations referred to have been duly carried out.

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

Agent & Manager.

* as on Pages 1, 3 & 5.

English
1 Copy.

(A. & M. 1.)

OFFICE OF THE CONSULTING ENGINEER FOR RAI.

Madras, 26th June 1899.

RAILWAY ACCOUNTS, MADRAS
R. No. 368
27 JUN. 1899
Enclosures

No. 2004

1899

OFFICE NOTE.

Letter from the Agent, x Transport Department Railway, No. 11551/728,

dated 24th June 1899, forwarded to the Examiner of Railway Accounts, for remarks.

As
27.6.99.

for E. R.

EXAMINER'S REPLY.

The alterations pointed out in this office reply to E.I.'s office note No. 1809 dated 10th June 99 have been carried out.

The bills may be signed by E.I. and returned to the Agent and mean with the request that the corrections made on pages 19 & 28 may be carried out before the required number of copies is finally struck off.

28/6/99

28/6/99

E.R.
28.6-99

[2-98.]

(A. & M. 1.)

No. 2031

Madras, 29th June 1899

From

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS,

To

THE AGENT AND MANAGER, M. RY.

SIR,

With reference to your letter No. 11551/728 of 24th June 1899, I have the honor to return duly signed copy of the Roll and working Estimates of M R for the half year ending 31st Dec 1899 and to request that the corrections made on pages 19 & 28 of the list may be carried out before the final copies are struck off.

2. It is requested that the usual No of copies may be furnished to this office as early as possible.

29.6.99.

276
30/6/99

Attached on 24/6/99

V.L. 24/6/99

(A. & M. 1.)

No 11551
776

By special messenger

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 30th June 1899

CONSULTING ENGINEER FOR RAILWAYS
RECEIVED
30 JUN. 1899
MADRAS.

3357
30.6.99

From

The Agent and Manager.
M. R. Co.

To

The Consulting Engineer for Railways.
Madras.

Sir,

I have the honour to return herewith the Establishment Rolls which accompanied your letter No. 2031 of the 29th instant and to request that you will kindly affix your signature to pages 1 and 3 also and send them to me by the bearer.

I have the honour to be,
Sir,
your most obedient servant

Returned signed
30/6/99.

for Agent and Manager.

(No. I.)

No. 11561
841

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 11th July 1899

CONSULTING ENGINEER FOR RAILWAYS
RECEIVED
12 JUL. 1899
AT MADRAS.

3542
12/7/99

From

The Agent and Manager.
M. R. C

To

The Consulting Engineer for Railways.
Madras.

SIR,

E With reference to your letter No. 2031 dated 29th June 1899, I have the honour to forward herewith 36 copies of the Establishment Rolls & Working Estimates of Madras Railway for the half year ending 31st December 1899, as under:—

30 copies for your Office
6 copies for despatch to the Mysore Durbar.

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

Agent & Managers.

(Encls: 36 copies)

3542 of 1899
11537 11/7/99
341
Agent & Manager etc. Cy

Madras Railway Company.

ESTABLISHMENT ROLLS & WORKING ESTIMATES

FOR THE

Half-year ending 31st December, 1899.

Printed by H. Plumbe, at the Lawrence Asylum Press, Mount Road, Madras—1899.

MADRAS RAILWAY.

Length 842 Miles, 74 Chains, 58 Feet Mean Length.

Abstract of the Cost of working and maintaining the Open Line, together with the estimated earnings for the Half-year, 31st December 1899.

EXPENDITURE.

Actuals for Half-year, December 1898.	Per cent. on gross earnings.		Abstract.	Page.	Sanctions for Half-year, June 1899.	Per cent. on gross earnings.	Estimate.	Per cent. on gross earnings.	Actuals for Half-year, December 1898.
Rs.					Rs.		Rs.		Rs.
7,03,741	13·84	To Maintenance of Way, Works and Stations	A	10—21	6,89,004	12·19	6,81,693	12·77	17,67,075
10,55,342	20·75	,, Locomotive Expenses ...	B	32—41	10,72,476	18·98	10,63,245	19·91	
2,35,058	4·62	,, Carriage and Wagon Expenses	C	32—42 44—46	2,43,245	4·31	2,42,911	4·55	32,18,808
4,29,914	8·45	,, Traffic Expenses	D	48—55	4,61,827	8·17	4,57,853	8·58	8,587
2,72,281	5·36	,, General Charges	E	56—71	3,03,916	5·38	3,02,629	5·67	
...	...	,, Steam-boat Service ...	F	...	...	...	...	...	...
44,395	0·87	,, Special and Miscellaneous Expenditure	G	72—75	61,753	1·10	62,945	1·18	91,277
27,40,731	53·89				28,32,221	50·13	28,11,276	52·66	
23,45,016	46·11	,, Balance net earnings ...	...	...	28,17,779	49·87	25,27,724	47·34	
50,85,747	100·00	Total ...	...	...	56,50,000	100·00	53,39,000	100·00	50,85,747
Miles.					Miles.		Miles.		
1,270,984		Train Mileage ...	...	...	1,250,000	...	1,250,000	...	233

EARNINGS.

	Abstract.	Sanctions for Half-year, June 1899.	Estimate.
		Rs.	Rs.
By Coaching Traffic	H	22,46,000	20,00,000
,, Goods Traffic	I	33,00,000	32,50,000
,, Electric Telegraph Earnings.	...	9,000	9,000
,, Steam-boat Earnings ...	J	...	...
,, Sundries	K	95,000	80,000
Total ...	...	56,50,000	53,39,000
,, Gross earnings per mean mile per week	...	259	241

A. EDWARDS,
for *Agent and Manager.*

P. ASHWORTH, CAPTAIN, R.E.,
for *Consulting Engineer for Railways.*

KOLAR GOLD FIELDS RAILWAY.

Length 10 Miles, „ Chains, „ Feet Mean Length.

Abstract of the Cost of working and maintaining the Open Line, together with the estimated earnings for the Half-year, 31st December 1899.

EXPENDITURE.										EARNINGS.					
Actuals for Half-year, December 1898.	Per cent. on gross earnings.		Abstract.	Page.	Sanctions for Half-year, June 1899.	Per cent. on gross earnings.	Estimate.	Per cent. on gross earnings.	Actuals for Half-year, December 1898.		Abstract.	Sanctions for Half-year, June 1899.	Estimate.
Rs.					Rs.		Rs.		Rs.			Rs.	Rs.
16,124	16·46	To Maintenance of Way, Works and Stations	A	10—21	12,210	12·21	16,036	15·23	21,846	By Coaching Traffic	H	27,000	25,000
24,464	24·97	„ Locomotive Expenses ...	B	32—41	19,315	19·31	25,423	24·14	75,770	„ Goods Traffic	I	72,675	80,000
5,386	5·50	„ Carriage and Wagon Expenses	C	32—42 44—46	4,381	4·38	5,808	5·51					
9,853	10·06	„ Traffic Expenses	D	48—55	8,317	8·32	10,947	10·39					
6,352	6·48	„ General Charges	E	56—71	5,527	5·53	7,307	6·94	116	„ Electric Telegraph Earnings.	...	125	125
...	...	„ Steam-boat Service ...	F	...	...	...	...	...	...				
1,018	1·04	„ Special and Miscellaneous Expenditure	G	72—75	1,130	1·13	1,529	1·45	...	„ Steam-boat Earnings ..	J	...	...
1,657	1·69	„ do. Bowringpet Joint Station	...	...	...	...	1,660	1·58					
4,898	5·00	„ Hire of Rolling-stock ...	...	...	5,000	5·00	5,266	5·00	233	„ Sundries	K	200	200
69,752	71·20				55,880	55·88	73,976	70·24					
28,213	28·80	„ Balance net earnings ...	...	...	44,120	44·12	31,349	29·76					
97,965	100·00	Total ...	...	...	1,00,000	100·00	1,05,325	100·00	97,965	Total ..	...	1,00,000	1,05,325
Miles.					Miles.		Miles.						
19,924	...	Train Mileage ...	...	...	20,000	...	20,000	...	377	„ Gross earnings per mean mile per week	..	385	405

A. EDWARDS,
for *Agent and Manager.*

P. ASHWORTH, Captain, R.E.,
for *Consulting Engineer for Railways.*

MADRAS-ENNUR RAILWAY.

Length 8 Miles, 36 Chains, 8 Feet Mean Length.

Abstract of the Cost of working and maintaining the Open Line, together with the estimated earnings for the Half-year, 31st December 1899.

EXPENDITURE.										EARNINGS.				
Actuals for Half-year, December 1898.	Per cent. on gross earnings.		Abstract.	Page.	Sanctions for Half-year, June 1899	Per cent. on gross earnings	Estimate.	Per cent. on gross earnings	Actuals for Half-year, December 1898		Abstract.	Sanctions for Half-year, June 1899.	Estimate.
Rs.					Rs.		Rs.		Rs.			Rs.	Rs.
4,223	23·65	To Maintenance of Way, Works and Stations	A	22—25	5,072	19·51	5,156	20·52	15,310	By Coaching Traffic	H	17,500	20,000
3,768	21·10	„ Locomotive Expenses ...	B	32—41	5,022	19·32	5,113	20·35	2,461	„ Goods Traffic	I	8,400	5,000
829	4·65	„ Carriage and Wagon Expenses	C	32—42 44—46	1,139	4·38	1,168	4·65					
1,518	8·50	„ Traffic Expenses	D	48—55	2,162	8·31	2,202	8·76	24	„ Electric Telegraph Earnings...	...	50	50
978	5·48	„ General Charges	E	56—71	1,437	5·53	1,469	5·85					
...	...	„ Steam-boat Service ...	F	...	...	...	...	...	...	„ Steam-boat Earnings ..	J	...	...
157	0·87	„ Special and Miscellaneous Expenditure	G	72—75	294	1·13	307	1·22					
893	5·00	„ Hire of Rolling-stock ...	...	...	1,300	5·00	1,256	5·00	62	„ Sundries	K	50	75
12,366	69·25				16,426	63·18	16,671	66·35					
5,491	30·75	„ Balance net earnings ...	...	...	9,574	36·82	8,454	33·65					
17,857	100·00	Total ...	...	...	26,000	100·00	25,125	100·00	17,857	Total ...	...	26,000	25,125
Miles.					Miles.		Miles.						
12,064		Train Mileage ...	...	...	12,000	...	15,000	...	81	„ Gross earnings per mean mile per week	...	118	113

A. EDWARDS,
for *Agent and Manager.*

P. ASHWORTH, Captain, R.E.,
for *Consulting Engineer for Railways.*

NILGIRI RAILWAY COMPANY, LD.

Length 16 Miles, 64 Chains, 53 Feet Mean Length.

Abstract of the Cost of working and maintaining the Open Line, together with the estimated earnings for the Half-year, 31st December 1899.

EXPENDITURE.

Actuals for Half-year, December 1898.	Per cent. on gross earnings.		Abstract.	Page.	Sanctions for Half-year, June 1899.	Per cent. on gross earnings	Estimate.	Per cent. on gross earnings.	Actuals for Half-year, December 1898.
Rs.					Rs.		Rs.		Rs.
...	...	To Maintenance of Way, Works and Stations	A	26—31	14,932	14·93	23,634	23·63	...
...	...	„ Locomotive Expenses ...	B	32—41	17,481	17·48	17,442	17·44	...
...	...	„ Carriage and Wagon Expenses	C	32—42 / 44—46	3,965	3·97	3,985	3·99	...
...	...	„ Traffic Expenses	D	48—55	7,528	7·53	7,511	7·51	...
...	...	„ General Charges	E	56—71	5,003	5·00	5,013	5·01	...
...	...	„ Steam-boat Service ...	F	...	...	...	...	...	...
...	...	„ Special and Miscellaneous Expenditure	G	72—75	1,023	1·02	1,049	1·05	...
...	...	„ Hire of Rolling-Stock ...	...	...	...	...	...	...	...
					49,932	49·93	58,634	58·63	...
...	...	„ Balance net earnings ...	...	...	50,068	50·07	41,366	41·37	...
...	...	Total ...	...	...	1,00,000	100·00	1,00,000	100·00	...
Miles.					Miles.	...	Miles.	...	...
...		Train Mileage ...	...	...	12,376	...	18,000	..	...

EARNINGS.

Abstract.	Sanctions for Half-year, June 1899.	Estimate.
	Rs.	Rs.
By Coaching Traffic	H	40,000	60,000
„ Goods Traffic	I	59,000	40,000
„ Electric Telegraph Earnings.	...	200	...
„ Steam-boat Earnings ...	J	...	...
„ Sundries	K	800	...
Total ...	...	1,00,000	1,00,000
„ Gross earnings per mean mile per week	...	229	229

A. EDWARDS,
for *Agent and Manager.*

EXPLANATORY NOTE.

(1). *Comparison with Sanction for previous Half-year* :—Abstract A.—Maintenance of Way and Works.—Decrease Rs. 3,485. Due to reduced provision under "Repairs of Bridges, &c.," owing to no provision being made for strengthening girder bridges and under "Loss by Exchange" due to a smaller issue of rails and other English materials. Increases under "Engineer's Salaries" chiefly due to the return of Mr. J. B. Duncan from the Telegraph Department, under "Maintenance and Renewal of Permanent Way" due to extra provision made for Night Watchmen during the North-East and South-West monsoons and to additional provision for covering sand ballast with broken stones.

Abstract B.—Decrease Rs. 3,071. The decreases are principally under "Running Expenses" and "Oil, Tallow, &c.," to accord with actuals and under "Fuel" owing to a more extended use of coal at a lower rate in lieu of wood. There are increases under "General Superintendence" owing to increased rate of salary provided for the Deputy and Assistants to Locomotive Superintendent, as per revised scale, under "Maintenance of Engines" due to anticipated heavier renewals and under "Unclassified Expenditure."

Abstract C.—Increase Rs. 1,142. The provision under "Repairs and Renewals of Vehicles" has been slightly increased with a reduction under "Stores, including Oil, Grease, &c.," to accord with actuals.

Abstract D.—Decrease Rs. 1,321. There is a decrease under "District Office Establishment" owing to provision not having been made for Acting Office Assistants with an increase under "Wagon Covers and Ropes" due to anticipated larger renewals of tarpaulins.

Abstract E.—Increase Rs. 535. There are increases under "Audit Department" due to increased rate of salary provided for the Chief Auditor, Deputy and Assistant Auditors and under "Police" due to provision now made under this head for Watch and Ward Staff to be transferred from the Locomotive Department. Decreases under "Electric Telegraph" owing to return of Mr. J. B. Duncan to Engineering Department consequent upon the return of Mr. R. E. Pigott from furlough and under "Loss by Exchange" to accord with actuals.

Abstract G.—Increase Rs. 1,630. Chiefly under "Railway Schools" owing to anticipated less recoveries on account of "School-fees, Government Grants," &c.

(2). *Comparison with Actuals* :—The net increase over the actuals for December 1898 Half-year is Rs. 98,959 as per following particulars :—

Increases.

	Rs.	
Locomotive Expenses	15,301	Due to Sanctions under all heads but "Fuel" and "Maintenance of Locomotive Engines" not being fully worked up to; there is an increase under "Carriage of Revenue Stores" to meet expenses on account of Nilgiri Railway. Decrease under "Fuel" the actuals for December 1898 Half-year having been abnormally high.
Carriage and Wagon Expenses ...	12,599	Due to increased provision under "Coaching Vehicles" for renewals of 3rd Class carriages partly covered by a decrease under "Goods Vehicles" owing to smaller renewals under this head. Increases under all other heads due to Sanctions not having been fully expended.
Traffic Expenses	37,107	The actuals for December 1898 Half-year practically under all heads were below the sanctioned estimates. There is a decrease under "Traffic Manager and Assistants" chiefly due to a gratuity paid to Mr. G. R. Byron on retirement in the second half of 1898.
Carried over	Rs. 65,007	

	Rs.	
Brought forward	65,007	
General Charges	34,846	Due to Sanctions not having been fully expended under the following heads :—"Home Expenditure," "Agent and Manager's," "Audit" and "Medical Departments," "Rents of Buildings," "Medicines," "Signallers," "Telegraph Maintenance" and "Loss by Exchange," as well as to increased rate of salary provided for the Chief Auditor, Deputy and Assistant Auditors and under "Police" due to provision now made for the Watch and Ward Staff to be transferred from Locomotive Department.
Special and Miscellaneous Expenditure	21,242	Chiefly due to increased provision under "Contribution to Provident Institution" in accordance with the revised rules.
Total Increase...	1,21,095	

Decrease.

Maintenance of Way and Works	22,136	Decrease under "Maintenance and Renewal of Permanent Way Materials" owing to smaller renewals accounting for a reduced provision under "Loss by Exchange" and "Carriage of Revenue Stores." There are increases under all other heads due to Sanctions for December 1898 not having been fully worked up to.
Net Increase ...	98,959	

(3). *Comparison with Budget Estimate as under* :—

Madras Railway.

1. June quarter 1899. Proportion of June Rolls ...	Rs. 15,29,022
2. December Rolls	„ 28,11,276
3. Balance of Budget provision available for March quarter 1900	„ 9,59,702
Total Rs.	53,00,000
Budget Estimate sanctioned	Rs. 53,00,000

MADRAS-ENNUR RAILWAY.

(1). *Comparison with Sanction for previous Half-year* :—Abstract A.—Maintenance of Way and Works.—Increase Rs. 84 under "Maintenance and Renewal of Permanent Way Wages" owing to provision made for Night Watchmen for the north-east monsoon.

(2). *Comparison with Actuals* :—

Maintenance of Way and Works ... Increase Rs. 933. Due to Sanctions under various heads not having been fully expended.

(3). *Comparison with Budget Estimate as under* :—

1. Sanctions for June 1899 Half-year	Rs. 16,426
2. Estimate for December 1899	„ 16,671
Total Rs.	33,097
Budget Estimate sanctioned	Rs. 38,000

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department.

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
1st—General Superintendence—									
1. *Engineers' Salaries—*									
Chief Engineer	...	1,600—1,800	1	1,600	9,600	1	1,600	*a* 9,894	...
Personal Assistant to the Chief Engineer.	1st Class, 2nd Grade.	750—900	1	950	5,700	1	950	*b* 5,600	...
Special Allowance	...	200							
District Engineers	1st Class	750—900	2	1,650	9,900	4	2,025	*c* 11,925	...
Assistant Engineers ...	2nd Class	550—700	5	2,125	12,897	3	2,078	*d* 12,618	...
Do. ...	3rd Class	350—500	0	1,200	7,200	1	350	*e* 2,100	...
Temporary Asst. Engineers ...	3rd Class	...	3			2	1,100	*f* 6,600	
Engineering Assistants ...	...	200	3	450	2,700	3	450	2,700	...
Exchange Compensation Allowance	...	...	...	...	2,721	...	...	*g* 3,032	...
Total I—(1) ...	...	...	15	...	50,718	15	...	54,469	48,477
2. *Allowances of Engineers including Travelling*	...	...	...	...	6,300	...	...	6,300	3,972
3. *Subordinate Superintendents—*									
Permanent Way Inspectors ...	1st Class, 1st Grade.	101—200	20	3,140	18,840	20	3,140	18,840	...
Do. ...	1st Class, 2nd Grade.								
Do. ...	2nd Class.								
Do. ...	3rd Class.	100	7	700	4,200	7	700	4,200	...
Carried over ...	...	...	27	...	23,040	27	...	23,040	...
	...	...	15	...	57,018	15	...	60,769	52,449

EXPLANATORY NOTE.

a. Mr. E. W. Stoney, from 1st July to 2nd October 1899 at Rs. 1,600 4,903
" from 3rd October to 31st December 1899, at Rs. 1,700, *vide* M. G. O., No. 814, dated 15th June 1898 ... ... 4,991 — 9,894

b. Mr. J. M. Ewing, from 1st July to 31st October 1899, Rs. 750 3,000
" A. B. Strange, from 1st November to 31st December 1899, at Rs. 700 1,400
4,400
Special Allowance at Rs. 200 (*vide* M. O. M., No. 8 of 1894 and Board's letter, No. 981, dated 7th October 1898) ... ... 1,200 — 5,600

c. Mr. G. A. F. French transferred as Engineer-in-Chief, Calicut-Cannanore Extension (*vide* M. O. M. of 25th February 1898).
" H. J. Thompson, Rs. 900 5,400
" Ross Chisholm $\left(\frac{\text{Rs. } 900+700}{2} = \text{Rs. } 800\right)$, Rs. 750; acts for Mr. G. A. F. French on other duty 4,500
" J. M. Ewing from 1st to 15th November 1899 at Rs. 750 375
" from 16th November 1899, probable date of proceeding on Furlough, to 31st December 1899 at Rs. 375 ... ... 563 — 938
" F. A. Pawley (acts for Mr J. M. Ewing on Furlough) from 16th November to 31st December 1899 $\left(\frac{750+700}{2}\right)$ = Rs. 725 ... ... — 1,087
— 11,925

d. Mr. F. A. Pawley, from 1st July to 15th November 1899 at Rs. 700 3,150
" A. B. Strange (on Furlough), from 1st July to 31st October 1899 at Rs. 350 1,400
" J. B. Duncan, proceeds on Furlough from 1st July 1899 at Rs 275 1,650
" A. C. Gale $\left(\frac{\text{Rs. } 700+400}{2} = \text{Rs. } 550\right)$ from 1st July to 26th September 1899 and $\left(\frac{\text{Rs. } 700+500}{2} = 600\right)$ Rs. 550 from 27th September to 31st December 1899, entitled to promotion to the higher grade of 3rd class after two years' service, acts for Mr. Chisholm (M. O. M. of 25th March 1898) 3,300
" E. C. Evans $\left(\frac{\text{Rs. } 700+350}{2} = \text{Rs. } 525\right)$ acts for Mr. A. B. Strange, on furlough from 1st July to 31st October 1899 2,100
" from 1st to 4th November 1899 at Rs. 350 47
" from 5th to 15th November 1899 at Rs. 400 entitled to promotion to the higher grade of 3rd class after 2 years' service 146
" and from 16th November to 31st December 1899, $\left(\frac{\text{Rs. } 700+400}{2}\right)$ = Rs. 550, acts for Mr. F. A. Pawley ... ... 825 — 3,118
— 12,618

e. Mr. A. R. Stuart, Rs. 350 2,100

Temporary Engineers—
f. Mr. G. T. Bridges ... ... " 400=2,400
Additional Engineer, *vide* G. O., No. 814 R., dated 6th May 1893 ... ... " 700=4,200 — 6,600

g. Calculated at Exchange of 1*s.* 3$\frac{3}{4}$*d.* per rupee.

MADRAS RAILWAY.

ABSTRACT **A**.

Engineering Department—(*continued*).

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	15	...	57,018	15	...	60,769	52,449
	...	...	27	...	23,040	27	...	23,040	...
1st—General Superintendence—(*continued*).									
3. *Subordinate Superintendents*—(continued).									
Probationary Inspectors ...	...	75	4			4			
Sub-Inspectors	...	50	10	1,600	9,600	10	1,600	9,600	...
Inspectors' Assistants ...	...	40 & under	21			21			
Inspector of Points and Crossings and Signals	...	250—300	1	250	1,500	1	250	*a* 1,569	...
Bridge Inspector	...	300	1	300	1,800	1	320	*b* 1,920	...
Engineering Workshop's Superintendent	...	101—200	1	200	1,200	1	200	1,200	...
Exchange Compensation Allowance	...	...	...	...	236	...	...	*c* 112	...
Total I—(3) ...	...	...	65	...	37,376	65	...	37,441	33,831
4. *Allowance of Subordinate Superintendents, including Travelling*	...	...	...	...	1,600	...	...	1,600	1,504
5. *Overtime Allowances*	...	...	...	...	...	...	...	...	...
6. *Office Expenses*—									
Chief Engineer's Office—									
Chief Clerk	...	225	1	225	1,350	1	225	1,350	...
Clerk	...	110	1	110	4,860	1	110	4,860	..
Clerks	...	100 & below.	20	700		20	700		
Superintendent of Drawing Office	...	275	1	275	1,650	1	275	1,650	...
Draftsmen...	...	110	2	220	4,440	2	220	4,440	...
Draftsmen	...	100 & below.	18	520		18	520		
Menials*	...	...	21	155	930	21	155	930	...
Carried over ...	...	...	64	...	13,230	64	...	13,230	11,906
	...	..	...	...	95,994	...	...	99,810	87,784

EXPLANATORY NOTE.

a. Mr. A. Whitney, Inspector of Signals, Points and Crossings, is entitled to an increase from Rs. 250 to 275, with effect from 8th October 1899. *Vide* Board's letter, No. 961, dated 8th October 1897.

b. „ G. W. Brown's salary increased from Rs. 300 to 320 per mensem from 1st July 1899 in lieu of Exchange Compensation allowance as per G. O., No. 317 R., dated 21st March 1899.

c. Calculated at Exchange of 1*s*. 3$\frac{1}{2}$*d*. per rupee.

*1 Binder, 8 Peons, 8 Lascars, 3 Punkah Lascars, and 1 Office Servant.

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department—(*continued*).

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31*st December* 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	95,994	...	...	99,810	87,784
	...	...	...	...	13,230	...	...	13,230	11,906
6. *Office Expenses—(contd.)*									
District Engineer's Office—									
1ST DISTRICT.									
Clerks, Accountant, Inspectors' Writers, Timekeeper and Store Writer	...	100 & below.	20	457	2,742	20	457	2,742	...
Draftsman	...	...	1	30	180	1	30	180	...
Storekeeper	...	50	1	50	300	1	50	300	...
Peons	...	...	4	28	168	4	28	168	...
			26	...	3,390	26	...	3,390	3,355
2ND DISTRICT.									
Clerks, Accountant, Inspectors' Writers, Timekeeper and Store Writer	...	100 & below.	17	375	2,250	17	375	2,250	...
Draftsman	...	...	1	30	180	1	30	180	...
Storekeeper	...	50	1	50	300	1	50	300	...
Peons	...	...	4	28	168	4	28	168	...
			23	...	2,898	23	...	2,898	*a* 3,267
3RD DISTRICT.									
Clerks, Accountant, Inspectors' Writers, Timekeeper and Store Writer	...	100 & below.	18	411	2,466	18	411	2,466	...
Draftsman	...	...	1	30	180	1	30	180	...
Storekeeper	...	50	1	50	300	1	50	300	...
Peons	...	...	5	35	210	5	35	210	...
			25	...	3,156	25	...	3,156	3,107
Carried over ...	...	...	...	...	22,674	...	...	22,674	21,635
	...	...	...	...	95,994	...	...	99,810	87,784

a. Includes Rs. 350 Gratuity paid to Head Writer Mahomed Cassim Saib.

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department—(*continued*).

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	95,994	...	...	99,810	87,784
	...	...	...	...	22,674	...	...	22,674	21,635
6. *Office Expenses*—(concld.)									
District Engineer's Office—(concluded).									
Terminal Works.									
Clerks, Timekeepers and Inspectors' Writers ...	...	100 & below.	4	80	480	4	80	480	
Peons and Lascars	...	...	3	20	120	3	20	120	
			7	...	600	7	...	600	579
Engineering Workshops.									
Book-keeper	...	120	1	120	720	1	120	720	
Clerks, Timekeepers and Loading Clerks, &c. ...	...	100 & below.	17	288	1,728	17	288	1,728	
European Watchman ...	...	...	1	25	150	1	25	150	
Native Watchman	...	...	4	28	168	4	28	168	
Peons	...	...	2	14	84	2	14	84	
			25	...	2,850	25	...	2,850	2,775
General.									
Travelling Allowance of other Subordinates	...	...	...	...	400	...	...	400	236
Contingencies...	...	...	...	...	5,000	...	...	5,000	4,152
Stationery	...	...	...	...	4,000	...	...	4,000	3,609
Total I (6)...	...	...	...	...	35,524	...	...	35,524	32,986
Total, General Superintendence ...	...	...	...	...	1,31,518	...	...	1,35,334	1,20,770

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department—(*concluded*).

Maintenance of Way, Works and Stations for the Half-year ending 31*st Dec.* 1899.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for the Half-year, 31st Dec. 1898.	
	Amount.	Total.	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	...	1,31,518	...	1,35,334	...	1,20,770
2nd—Maintenance and Renewal of Permanent Way—						
(1.) Wages	1,48,359		*a* 1,54,088		1,47,176	
(2.) Materials	1,32,173	2,80,532	*b* 1,37,393	2,91,481	1,81,259	3,28,435
3rd—Repairs of Bridges, &c., Wages and Materials—						
(1.) Bridges and Tunnels	33,250		*c* 23,150		7,547	
(2.) Miscellaneous, including Earthwork, Roads, Fencing, &c.	48,248	81,498	*d* 49,500	72,650	26,008	33,555
4th—Repairs of Stations and Buildings, &c., Wages and Materials—						
(1.) Repairs of buildings of every description, including station yards and signals, but excepting quarters for the Staff	60,160		*e* 64,460		42,558	
(2.) Repairs of Staff Quarters	19,731	79,891	19,731	84,191	16,451	59,049
5th—Maintenance by contract—						
(1.) Amount paid by Contractors ...	..		...		...	
(2.) Materials supplied by the Company.	...	...	...	...	...	...
6th—New Minor Works	11,235	11,235	11,235	11,235	9,421	9,421
7th—Unclassified Expenditure—						
(1.) Plantations	1,545		1,545		1,370	
(2.) Tools and Plant	3,950		3,950		4,278	
(3.) Loss on Stores	20,350		*f* 20,350		...	
(4.) Loss by Exchange	61,713		*g* 48,011		1,08,734	
(5.) Carriage of Revenue Stores ...	28,982	1,16,540	28,982	1,02,838	54,253	1,68,635
Total Abstract A—Maintenance of Way, Works and Stations	...	7,01,214	...	*h* 6,97,720	...	7,19,865
Deduct—Cost of working the Kolar Gold Fields Railway	...	12,210	...	16,036	...	16,124
Total ...	...	6,89,004	...	6,81,613	...	7,03,741
Cost of maintaining a mile of track including sidings	...	677	...	670	...	695

EXPLANATORY NOTE.

a. Increase owing to provision for Night Watchmen to meet the requirements of the north-east monsoon, Rs. 7,038.
Includes provision for 1 Maty at Rs. 8 per month, Rs. 48.
Includes provision on account of Revenue portion of the estimates for sanctioned works, Rs. 4,100.
Includes increased provision for extra labor for laying 30 feet Bull-headed Steel Rails, Rs. 968.
Includes additional provision for 4 Extra Gangs and 2 Line Watchmen for Arcot-Ranipet Branch, Rs. 1,575.
Rs. 3,900 for repairs to turn-tables, weigh bridges, &c., hitherto charged under this head has now been transferred to 4 (1).

b. Provision for covering sand ballast with broken stones (includes the cost of reserve stone ballast), Rs. 30,000.
General Stores handling charges, Rs. 4,250.
Provision for Revenue portion of the estimates for sanctioned works, Rs. 2,450.
Decrease owing to less provision for Rails, Rs. 3,801.
Additional provision for renewals of pot sleepers owing to higher percentage of breakages in consequence of the heavier class of engines at accelerated speed, Rs. 4,021.

c. Provision for Revenue portion of the estimates for sanctioned works, Rs. 10,250.
Decrease owing to no provision having been made for strengthening Girder Bridges, 14,516.

d. Provision for Revenue portion of the estimates for sanctioned works, Rs. 2,650 as against Rs. 2,898 in the Rolls for June 1899 half-year.
Provision for 10 miles of fencing materials on three Districts, Rs. 15,700.
Provision for General repairs to roads in compounds, Rs. 1,500.

e. Provision for Revenue portion of the estimates for sanctioned works, Rs. 22,120, as against Rs. 21,720, in the Rolls for June 1899 half-year.
Includes Rs. 3,900 for repairs to turn-tables, weigh bridges, &c., hitherto charged under head 2nd (1.)

f. Anticipated loss on sale of stores in stock on 30th June 1899, Rs. 20,000.

g. Loss by Exchange calculated at 39·68 per cent. on estimated expenditure of English Stores.
Decrease owing to less provision for new rails.

h. The proposed estimate figures are net.

MADRAS RAILWAY.

APPENDIX **A**. *to Maintenance Estimates (not for Audit purposes) for the Half-year ending 31st December* 1899.

Miles maintained.	Departmentally.	By Contract.	Total.
	Ms. Chs. Ft.		Ms. Chs. Ft.
Railway Lines { Double	42 32 34½ × 2	...	84 65 3
Railway Lines { Single (including K. G. F. Ry. and Arcot-Ranipet Branch). ...	810 39 4	...	810 39 4
Sidings (including K. G. F. Ry. and Arcot-Ranipet Br.) ...	146 13 39½	...	146 13 39½
Total single track including sidings ...	...	...	1,041 37 46½

Description of Works.	Amount.	Total.	Remarks.
	Rs.	Rs.	*Ordinary Gangs consisting of*— Rs. Rs.
II.—MAINTENANCE AND RENEWAL OF PERMANENT WAY—			333 Gang Maistries, aggregate monthly pay ... 3,765 2,359 Gang Coolies, do. ... 12,589
			16,354 × 6 = 98,124 (1)
1. *Wages*—			*Extra Gangs consisting of*—
(1) 333 Gangs	98,124		10 Gang Maistries, aggregate monthly pay ... 100 88 Gang Coolies, do. ... 560
(2) 10 Extra Gangs ...	*a* 3,960		660 × 6 = 3,960 (2)
(3) Establishments	38,499		
Do. 263 Temporary Night Watchmen ...	*c* 7,437		*Establishments.*
Labor for laying 30 feet steel rails ...	*d* 1,968		Rs. A. 25 Section Maistries ... ... 480 0 31 Carpenters ... ... 555 8 30 Blacksmiths ... ... 545 8 29 Hammermen ... ... 210 0 31 Bellows Boys ... ... 144 0 6 Tinkers ... ... 112 8 6 Painters ... ... 110 8 12 Engineers' Lascars ... 84 0 9 Store Lascars ... ... 63 0 40 Store Watchmen ... ... 273 0 17 Store Coolies ... ... 96 0 503 Line Watchmen ... ... 3,175 0 } *b* 20 Bridge do. ... ... 138 0 } 2 Patrolling do. ... ... 40 0 7 Staff Bungalow Peons and Watchmen ... ... 54 0 5 Do. Servants ... 39 0 Proportionate amount of wages of Arkonam Depôt Staff ... ... 121 0 Acting allowance for extra men in case of sickness ... 70 0 Loading and unloading materials ... ... 50 0 5 Extra Watchmen for K. G. F. Railway ... ... 37 8 3 Night Watchmen 18 0
Revenue portion of the Estimates for the sanctioned works ...	4,100	1,54,088	
2. *Materials*—			
(4) Ballast	47,500		
Rails	32,374		
Sleepers	50,319		
Proportion of General Stores Working Expenses	4,250		
Revenue portion of the Estimates for sanctioned works	2,450	1,37,393	
			e 6,416 8 × 6 = 38,499 (3)
			Sand Ballast ... ... 17,500 Covering sand ballast with broken stones ... ... *f* 30,000
			47,500 (4)
Total Head II, Abstract A ...	...	2,91,481	

EXPLANATORY NOTE.

a. Includes 4 Extra Gangs for Arcot-Ranipet Branch, Rs. 1,440.

b. Includes 2 additional Line Watchmen for Arcot-Ranipet Branch, Rs. 72.

c. Increase owing to provision made for labor for temporary Night Watchmen to meet the requirements of the north-east monsoon, Rs. 7,101.

d. Extra provision made for labor for laying 30 feet Bull-headed Rails, Rs. 968.

e. Rs. 650 for repairs to turn-tables, weigh bridges, &c., taken out and included under 4 (1).

f. Includes cost of reserve Stone Ballast, Rs. 5,000.

MADRAS-ENNUR RAILWAY.

ABSTRACT **A.**

Engineering Department.

Estimate of the actual expenditure anticipated in maintaining the Madras-Ennur Section of the Bezwada-Madras Railway for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate.* No.	Estimate.* Amount.	Estimate.* Total for the Half-year.	Actuals for the Half-year, 31st Dec. 1898.
1st—General Superintendence—		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
(3) *Subordinate Superintendents—*									
Permanent-Way Inspector ...	3rd class	100	1	100	600	1	100	600	440
(6) *Office Expenses—*									
Inspector's Writer	...	100 and below.	1	15	90	1	15	90	88
General.									
Contingencies	...	...	...	...	40	...	...	40	...
Stationery	...	...	...	...	60	...	...	60	9
Total I (6) ...	...	...	...	...	190	...	...	190	97
Total I ...	...	...	...	...	790	...	...	790	537

	Amount.	Total.	Amount.	Total.	Amount.	Total.
Total I. General Superintendence as above ...	...	790	...	790	...	537
2nd—Maintenance and Renewal of Permanent Way—						
(1) Wages	1,962		*a* 2,046		2,376	
(2) Materials	1,250		1,250		600	
3rd—Repairs of Bridges, &c., Wages and Materials—		3,212		3,296		2,976
(1) Bridges and Tunnels	100		100		28	
(2) Miscellaneous, including Earthwork, Roads, Fencing, &c.	300		300		286	
4th—Repairs of Stations and Buildings, &c., Wages and Materials—		400		400		314
(1) Repairs of buildings of every description, including Station yards and Signals, but excepting quarters for the Staff...	50		50		*b* 194	
(2) Repairs of Staff Quarters	100		100		93	
5th—Maintenance by Contract—		150		150		287
(1) Amount paid to Contractors	...		...		...	
(2) Materials supplied by the Company	...		...		...	
6th—New Minor Works	120		120		12	
7th—Unclassified Expenditure—		120		120		12
(1) Plantations	...		...		...	
(2) Tools and Plant	50		50		45	
(3) Loss on Stores	...		...		...	
(4) Loss by Exchange	...		...		16	
(5) Carriage of Revenue Stores	350		350		36	
		400		400		97
Total Abstract A—Maintenance of Way, Works and Stations ...	...	5,072	...	5,156	...	4,223
Cost of maintaining a mile of track including sidings ...	...	472	...	480	...	394

* This estimate is subject to continuance of agreement for working the Branch.

EXPLANATORY NOTE.

a. Increase owing to provision made for Night Watchmen Rs. 84.

b. Includes expenditure on Schedule Works.

MADRAS-ENNUR RAILWAY.

APPENDIX **A**. *to Maintenance Estimate (not for Audit purposes) for the Half-year ending 31st December 1899.*

Miles maintained.	Departmentally.	By Contract.	Total.
	Miles.		Miles.
Railway Line, single	8½	...	8½
Sidings	2¼	...	2¼
Total single track including sidings...	...	...	10¾

Description of work.	Amount.	Total.	Remarks.
	Rs.	Rs.	
II. Maintenance and Renewal of Permanent way.			
1. *Wages*—			Ordinary Gangs consisting of—
(1) 4 Gangs	1,080		4 Gang Maistries, aggregate monthly pay ... Rs. 40
(2) Establishment ...	*a* 966	2,046	20 Gang coolies, do. ... „ 140
			„ 180 × 6 = Rs. 1,080 (1)
2. *Materials*—			
(3) Ballast (sand) ...	1,250	1,250	*Establishment.*
			1 Section Maistry ... Rs. 15
			1 Blacksmith ... ... „ 17
			1 Hammerman ... ... „ 8
			1 Bellows Boy ... ... „ 5
			1 Store Watchman ... „ 7
			1 Staff Quarters, do. ... „ 7
			1 Butler and Cook ... „ 10
			1 Waterwoman ... ... „ 4
			1 Dhoby ... ... „ 1
			1 Bricklayer ... ... „ 15
			2 Coolies at Rs. 7 each ... „ 14
			1 Station Watchman ... „ 7
			4 Line do. at Rs 8 each „ 32
			Repairs to turn-table and weigh bridge, &c. ... „ 5
			„ 147 × 6 = Rs. 882
			4 Night Watchmen at Rs. 7 each for 3 months. ... 84
			„ 966 (2)
Total Head II. Abstract A.	...	3,296	

EXPLANATORY NOTE.

(*a*) Includes provision for 4 Night Watchmen at Rs. 7 each for 3 months.

NILGIRI RAILWAY COMPANY, LD.

ABSTRACT A.

Engineering Department.

Authorizations for the half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actua's for the Half-year 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
1st—General Superintendence—									
1. *Engineers' Salaries—*									
Senior Executive Engineer ...	...	...	...	...	...	...	...	...	...
Junior Do. ...	...	...	...	...	...	...	...	...	...
Exchange Compensation Allowance	...	...	...	...	...	...	...	...	...
Total (1) ...	...	...	...	...	...	...	...	...	...
2. *Allowances of Engineers including Travelling*	...	...	...	...	...	...	...	...	...
3. *Subordinate Superintendents—*									
Inspector	...	350	...	...	...	1	350	2,100	...
Sub-Inspectors	...	100 & below.	2	125	750	2	125	750	...
Workshop's Foreman ...	...	Do.	1	60	360	1	60	360	...
Total I—(3) ...	...	...	3	...	1,110	4	...	3,210	...
4. *Allowances of Subordinate Superintendents including Travelling*	...	...	...	...	...	...	...	...	...
6. *Office Expenses—*									
Clerks, Storekeeper, Timekeeper and Inspector's Writer	...	100 & below.	4	125	750	4	125	750	...
Peons	...	...	4	36	162	2	18	*a* 108	...
Total I—(6) ...	...	...	8	...	912	6	...	858	...
General—									
Contingencies	...	...	...	...	363	...	..	367	...
Stationery	...	...	...	..	200	...	...	*b* 300	...
Total, General Superintendence ...	...	...	...	...	2,585	...	...	4,735	...

EXPLANATORY NOTE.

a. Decrease owing to provision for 2 peons instead of 4.

b. Increase due to actual requirements foreseen.

NILGIRI RAILWAY COMPANY, LD.

ABSTRACT **A.**

Engineering Department.

Maintenance of Way, Works and Stations for the Half-year ending 31st December 1899.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for the Half-year, 31st December 1898.	
	Amount.	Total.	Amount.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	...	2,585	...	4,735	...	...
2nd—Maintenance and Renewal of Permanent Way—						
(1.) Wages	7,847	...	*a* 7,499	...	...	...
(2.) Materials	2,150		*b* 4,000		...	...
		9,997		11,499		
3rd—Repairs of Bridges, &c., Wages and Materials—						
(1.) Bridges and Tunnels	450	...	450	...	...	...
(2.) Miscellaneous, including Earthwork, Roads, Fencing, &c.	350		*c* 5,400		...	...
		800		5,850		
4th—Repairs of Stations and Buildings, &c., Wages and Materials—						
(1.) Repairs of buildings of every description, including station yards and signals, but excepting quarters for the Staff	250	...	250	...	...	...
(2.) Repairs of Staff quarters	800		800		...	...
		1,050		*d* 1,050		
5th—Maintenance by contract—						
(1.) Amount paid to Contractors ...	...	...	...	...	...	...
(2.) Materials supplied by the Company.	...	...	...	..	...	
6th—New Minor Works	...	...	...	...	...	...
7th—Unclassified Expenditure—						
(1.) Plantations	...	...	...	...	...	...
(2.) Tools and Plant	300	...	300	...	...	...
(3.) Loss on Stores	...	...	...	...	...	...
(4.) Loss by Exchange	...	...	...	...	...	...
(5.) Carriage of Revenue Stores ...	200		200		...	...
		500		500		
Total Abstract A—Maintenance of Way, Works and Stations	...	14,932	...	23,634	...	...
Cost of maintaining a mile of track including sidings	...	824	...	1,304	...	...

Engineering Maintenance debitable direct to the Nilgiri Railway Company and not subject to Government of India's Sanction.

EXPLANATORY NOTE.

a Decrease owing to provision made for 2 Engineer's Lascars instead of 4 men at Rs. 9 each, Rs. 108.
Do. owing to less provision made for Lorrymen, Rs. 240.

b. Increase owing to provision for sleepers.

c. Provision for removing slips during North-East Monsoon Rs. 5,000.
Includes increased provision for level crossing Rs. 50.

d. Includes Rs. 360 for rent of office building for six months at Rs. 60.

NILGIRI RAILWAY COMPANY, LD.

Appendix A. to Maintenance Estimates (not for Audit purposes) for the Half-year ending 31st December 1899.

Miles maintained.	Departmentally.	By Contract.	Total.
	Miles.		Miles.
Railway Line, Single	16⅔	...	16⅔
Sidings	1¼	...	1¼
Total single track including sidings ...	...	...	18⅛

Description of Works.	Amount.	Total.	Remarks.
	Rs.	Rs.	
II.—Maintenance and Renewal of Permanent Way—			*Ordinary Gangs consisting of*— Rs. Rs.
1. *Wages*—			10 Gang Maistries aggregate monthly pay. 150
(1) 10 Gangs	4,500		60 Gang coolies do. 600
(2) 4 Lorrymen	a 240		750 × 6 = 4,500 (1)
(3) Establishment	2,759		4 Lorrymen do. 40 × 6 = 240 (2)
		7,499	
2. *Materials*—			
(4) Ballast	2,000		
(5) Sleepers &c.	2,000		
		4,000	
			Establishments.
			Rs. A. P. Rs. A. P.
			1 Masonry Maistry ... 30 0 0
			2 Bricklayers ... 40 0 0
			1 Carpenter Maistry... 35 0 0
			3 Carpenters ... 60 0 0
			1 Blacksmith Maistry. 35 0 0
			2 Blacksmiths ... 40 0 0
			3 Hammermen ... 33 12 0
			3 Bellows Boys ... 18 0 0
			b2 Engineer's Lascars... 18 0 0
			4 Coolies 40 0 0
			11 Line Watchmen ... 110 0 0
			459 12 0 × 6 = 2,758 8 0 (3)
Total Head II, Abstract A. ...		11,499	

EXPLANATORY NOTE.

a. Provision made for 4 Lorrymen instead of 8 Lorrymen in the Rolls for previous half-year.

b. Provision made for 2 Engineer's Lascars instead of 4 in the Rolls for previous half-year.

MADRAS RAILWAY.

ABSTRACTS B AND C.

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
I.—General Superintendence—									
(1) *Salaries of Superintendents and Assistants—*									
Locomotive and Carriage Supt. ...	...	1,090–1,636	1	1,636	9,816	1	1,636	*a* 9,816	...
Deputy do. do. do. ...	...	850–1,000	1	900	5,400	1	950	*b* 5,700	...
1st Asst. do. do. do. ...	2nd Class.	550—650	1	275	1,650	1	325	*c* 1,950	...
Ag. do. do. do. do. ...	...	...	1	475	2,850	1	550	*d* 3,300	...
2nd do. do. do. do. ...	3rd Class.	350—450	...	...	...	...	...	...	...
Exchange Compensation Allowance.	...	...	...	...	1,526	...	...	*e* 1,623	...
			4	...	21,242	4	...	22,389	21,696
Deduct chargeable to Capital ...	...	...	...	...	...	...	...	...	...
Total I—(1) ...	...	...	4	...	21,242	4	...	22,389	21,696
(2) *Allowances of Superintendents and Assistants, including Travelling*	...	...	...	...	950	...	...	*f* 950	890
(3) *Subordinate Superintendents—*									
PERAMBUR WORKS.									
Foreman, Erecting Shop... ...	...	350	1	350	2,400	1	350	2,400	...
Personal Allowance	...	50		50			50		
Erector and Fitter	...	300	1	237	1,422	1	237	1,422	...
Foreman, Machine Shop... ...	...	350	1	325	2,025	1	350	*g* 2,100	...
Turner	...	200	1	200	1,200	1	200	1,200	...
Foreman, Boiler Shop	...	350	1	350	2,100	1	350	2,100	...
Boilersmith	...	300	1	237	1,422	1	237	1,422	...
Foreman, Carriage Shop ...	...	350	1	350	2,400	1	350	2,400	...
Personal Allowance	...	50		50			50		
Carried over ...	...	...	7	...	12,969	7	...	13,044	...
	...	...	4	...	22,192	4	...	23,339	22,586

EXPLANATORY NOTE.

a. Mr. C. E. Phipps, Rs. 1,636.

b. Mr. A. Pilkington, Rs. 950. Increased rate of salary provided, G. I. No. 700 R. E., dated 18th April 1899 and M. G. O., No. 520 Ry., dated 3rd May 1899.

c. Mr. H. J. Stanley, Rs. 325, do. do. do. do.
On furlough from 1st November 1898. (*Vide* M. O. M. of 18th October 1898).

d. Mr. P. G. Porteous $\left(\text{Rs. } \frac{450+650}{2}\right)$ = Rs. 550. Increased rate of salary provided, G. I. No. 700 R. E., dated 18th April 1899, and M. G. O. No. 520 Ry., dated 3rd May 1899.

e. Calculated at Exchange of 1*s.* 3¼*d.* per rupee.

f. Includes Rs. 100 for periodical inspection of Nilgiri Railway.

g. Increase of pay from 1st April 1899.

MADRAS RAILWAY.

ABSTRACTS **B** AND **C**—(*continued*).

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31*st December* 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year, 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	4	...	22,192	4	...	23,339	22,586
	...	...	7	...	12,969	7	...	13,044	...
I.—General Superintendence—(*continued*).									
(3) *Subordinate Superintendents*—(concluded).									
PERAMBUR WORKS—(*concluded*).									
Assistant Carriage Foreman ...	...	300	1	300	1,800	1	300	1,800	...
Carriage Painter	...	237	1	237	1,422	1	237	1,422	...
Foreman, Smith Shop	...	350	1	325	1,950	1	325	*a* 2,019	...
Spring Smith	...	300	1	250	1,500	1	250	1,500	...
Foreman, Foundry	...	350	1	350	2,100	1	350	2,100	...
Weigh Bridge and Weighing Machine Inspector	...	325—375	1	350	2,076	1	325	*b* 1,950	...
RUNNING SHEDS.									
Foreman, Madras	...	350	1	350	2,100	1	350	2,100	...
Do. Jalarpet	...	350	1	350	2,100	1	350	2,100	...
Do. Podanur	...	350	1	350	2,100	1	350	2,100	...
Do. Nundalur	...	350	1	325	1,950	1	350	*c* 2,100	...
Do. Gooty	...	350	1	350	2,100	1	350	2,100	...
Do. Mettupalaiyam ...	...	350	1	350	2,100	1	350	2,100	...
Do. Bangalore	...	350	...	...	...	...	...	*d* ...	...
Fuel Inspector...	..	300	1	300	1,800	1	300	1,800	...
Exchange Compensation Allowance.	...	...	...	...	1,744	...	...	*f* 1,606	...
			20	...	39,811	20	...	39,841	38,550
Deduct chargeable to Capital ...	...	...	...	...	...	...	...	...	...
Total I—(3) ...	...	...	20	...	39,811	20	...	39,841	38,550
(4) *Allowances of Subordinate Superintendents, including Travelling*	...	...	...	...	2,250	...	...	*g* 2,200	2,163
(5) *Overtime*	...	...	...	...	...	...	...	...	...
Carried over ...	...	...	24	...	64,253	24	...	65,380	63,292

EXPLANATORY NOTE.

a. Increase of pay under agreement from 8th October 1899. *Vide* Consulting Engineer's letter, No. 2000, dated 16th June 1897 and Board's letter, No. 961, dated 8th October 1897.

b. Provision is made for a new Inspector in place of Mr. G. W. Hanks. (*Vide* G. I., No. 516 R.E., dated 20th March 1899, and M. G. O., No. 365 Ry., dated 1st April 1899.)

c. Increase of Rs. 25 provided for Mr. A. Loader from 1st July 1899.

d. Extra appointment in connection with Nilgiri Railway.

e. It is not proposed at present to fill this appointment.

f. Calculated at Exchange of 1s. 3¼*d.* per rupee.

g. Includes provision of Rs. 300 for batta of Foreman, Nilgiri Railway.

MADRAS RAILWAY.

ABSTRACTS **B** AND **C**—(*continued*).

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31*st December* 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	24	...	64,253	24	...	65,380	63,299
I.—General Superintendence—(*continued*).									
(6) *Office Expenses*—									
LOCOMOTIVE AND CARRIAGE SUPERINTENDENT'S OFFICE.									
Chief Draftsman	...	350	1	350	2,100	1	350	2,100	...
Draftsman	...	237	1	237	1,422	1	237	1,422	...
Exchange Compensation Allowance.	...	...	...	...	252	...	...	*a* 252	...
Accountant	...	300	1	300	1,800	1	300	1,800	...
Clerks	...	*b* 101—150	2	260	1,560	2	285	*b* 1,710	...
Do.	...	100 & below.	95	2,355	14,130	95	2,355	14,130	...
Menials*	...	...	17	139	834	17	139	834	...
			117	...	22,098	117	...	22,248	...
LOCOMOTIVE STORES, PERAMBUR.									
Storekeeper	...	200	1	200	1,200	1	200	1,200	...
Travelling Allowance	...	...	...	...	50	...	...	*c* 100	...
Contingencies, Stationery and Printing, Hot-weather Establishment and Stores	...	...	...	...	3,850	...	...	*d* 3,850	...
Total I—(6) ...	...	...	118	...	27,198	118	...	27,398	26,545
Total I, General Superintendence ...	...	...	142	...	91,451	142	...	*e* 92,778	89,844
Chargeable to Carriage and Wagon Expenses, carried over to page 42	...	...	...	...	18,290	...	...	18,556	17,969
Chargeable to Locomotive Expenses Carried over ...	...	...	...	...	73,161	...	...	74,222	71,875

EXPLANATORY NOTE.

a. Calculated at Exchange of 1*s*. 3¾*d*. per rupee.

b. Increase of Rs. 25 provided for one Clerk. It is considered that the maximum salary of these two clerks should be assimilated.

* 2 Moochees, 1 Duffadar, 3 Naigues and 11 Peons.

c. To accord more closely with actuals.

d. Rs. 100 provided for Nilgiri Railway.

e. The charges under this head have been apportioned as under:—
Locomotive Expenses 80 per cent.
Carriage and Wagon 20 per cent.
As against 80 and 20 per cent. in June 1899 and December 1898 half years.

MADRAS RAILWAY.

ABSTRACT **B.**

Locomotive Expenses—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	73,161	...	...	74,222	71,875
II.—Running Expenses (Wages connected with the working of Locomotive Engines)—									
(1) *Wages of Drivers and Firemen.*									
Drivers, Covenanted (in charge) ...	...	250	1	250	1,500	1	250	1,500	...
Do. do.	...	250	2	250	3,000	2	250	3,000	...
Do. Uncovenanted (in charge) ...	...	250	3	750	4,500	3	750	4,500	...
Do. do.	...	101—200	66	...	60,000	66	...	*a* 57,300	...
Do. do.	...	100 & below.	65	...	20,000	65	...	*b* 22,000	...
Firemen do.	...	100 & below.	265	...	23,500	265	...	*c* 22,000	...
Brakesmen	...	...	10	...	800	10	...	*d* 800	...
Total II—(1) ...	...	...	412	...	1,13,300	412	...	1,11,100	1,02,556
(2) *Overtime Allowances* ...	...	...	...	...	41,500	...	...	*e* 40,000	38,733
(3) *All labour connected with fueling, cleaning and looking after engines in yard*...	...	...	...	...	31,750	...	...	*f* 31,000	30,800
(4) *Contingent expenses, including clothing and travelling expenses*	...	...	...	...	290	...	...	*g* 1,000	*h* 655
Total II, Running Expenses...	...	...	...	...	1,86,840	...	...	1,83,100	1,72,744
III.—Fuel—									
Actuals. Tons. Cwt. Lbs. — Estimate. Tons. Cwt. Lbs.									
18,986 2 0 1. Coal ... 24,646 3 73									
... ... 2. Coke									
12 10 0 3. Patent Fuel ... 961 0 60	...	...	...	...	4,53,093	...	...	*j* 4,47,443	*i* 4,73,012
44,559 7 6 4. Wood ... 24,819 0 12									
Carried over ...	...	...	...	...	7,13,094	...	...	7,04,765	7,17,631

EXPLANATORY NOTE.

a. To accord more closely with actuals. Rs. 4,400 provided for Nilgiri Railway.
b. Do. do. See reduction above under Drivers Rs. 101 to 200.
c. Do. do. Rs. 1,000 provided on account of Nilgiri Railway.
d. Provided for Nilgiri Railway.
e. To accord more closely with actuals. Rs 1,200 provided for Nilgiri Railway.
f. Includes Rs. 750 on account of Nilgiri Railway. Rs. 750 transferred to B. II. (4).
g. Includes Rs. 200 on account of clothing for Brakesmen on Nilgiri Railway and Rs. 750 transferred from B. II. (3).
h. Passage money for two Covenanted Drivers.

Tons. cwts. lbs.

i. 1,559,578 engine miles at 50·30 lbs. = 18,986 2 0 Coal at Rs. 13-1-8 $\frac{4,762}{27,123}$ per ton ... = Rs. 2,48,815
Credited for Cinders ... „ 520
„ 2,48,295
Add amount on account of Coal burnt ... „ 12,349
„ 2,60,644
at 26·77 lbs. = 12 10 0 P. Fuel at Rs. 21-3-9 per ton ... = „ 265
at 139·99 „ = 44,559 7 6 Wood at Rs. 2-2-0 per 1,000 lbs ... = „ 2,12,103
„ 4,73,012

Tons cwts. lbs.

j. 1,558,000 engine miles at 49·50 lbs. = 24,646 3 73 Coal at Rs. 12-4-0 per ton ... = Rs. 3,01,916
at 100·00 „ = 961 0 60 P. F. at „ 28-8-0 „ ... = „ 27,389
at 132·00 „ = 24,819 0 12 Wood at „ 2-2 0 per 1,000 lbs. = „ 1,18,138
4,47,443

The whole of the patent fuel is for use on the Nilgiri Railway. Decrease as compared with previous estimate and also with actuals due to an anticipated more extended use of Coal and to the lower rate at which it is expected it will be possible to issue it to the Engines. A reduction is also anticipated in the general consumption per mile of both coal and wood, as compared with the actuals owing, in the former case, to the partially burnt coal at Raichur having been used up and in the latter to the discontinuance of the use of wood on the Jalarpet, Bangalore Districts, where the consumption is heaviest.

MADRAS RAILWAY.

ABSTRACT **B.**

Locomotive Expenses—(*concluded*).

Authorizations for the Half-year ending 31*st December* 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward	...	...	...	...	7,13,094	...	...	7,04,765	7,17,631
IV.—Water (including Wages and Stores) ...	...	...	...	...	18,800	...	...	*a* 18,800	18,364
V.—Oil, Tallow and other Stores expended on Engines in work ...	...	...	...	...	29,600	...	...	*b* 28,600	26,282
VI.—Maintenance and Renewals of Locomotive Engines—									
1. Wages	...	...	...	...	1,24,000	...	...	*c* 1,22,258	...
2. Overtime	...	...	...	...	7,000	...	...	7,000	...
3. Materials	...	...	...	...	1,29,000	...	...	*d* 1,32,000	...
			...	...	2,60,000	...	...	*e* 2,61,258	*f* 2,65,325
VI-A.—Maintenance and Renewals of Machinery, Tools and Plant—									
1. Wages	...	...	...	...	4,500	...	...	4,500	...
2. Overtime	...	...	...	...	1,200	...	...	1,200	...
3. Materials	...	...	...	...	2,600	...	...	2,600	...
			...	...	8,300	...	...	*g* 8,300	7,168
VII.—New Minor Works ...	...	...	...	...	1,500	...	...	1,500	534
VIII.—Payments to other Lines—									
Haulage of Trains ...	...	...	...	...	...	...	...	...	...
IX.—Unclassified Expenditure—									
1. Loss on Stores ...	...	...	...	...	3,000	...	...	3,000	...
2. Loss by Exchange ...	...	...	...	...	42,000	...	...	45,000	...
3. Carriage of Revenue Stores	...	...	...	...	38,000	...	...	40,000	...
Total IX ...	...	...	...	...	83,000	...	...	*h* 88,000	*i* 60,618
			...	...	11,14,294	...	...	11,11,223	10,95,922
Deduct sum chargeable to Fire Insurance Fund			...	...	...	...	...	...	12,349
Deduct cost of working the Kolar Gold Fields Railway	...	...	...	...	19,315	...	...	25,423	24,463
Deduct cost of working the Madras-Ennur Railway	...	...	...	...	5,022	...	...	5,113	3,768
Deduct cost of working the Nilgiri Railway	...	...	...	...	17,481	...	...	17,442	...
		Total ...	...	...	41,818	...	...	47,978	40,580
Total Abstract B, Locomotive Expenses	...	...	...	...	10,72,476	...	...	10,63,245	10,55,342

EXPLANATORY NOTE.

a. Rs. 300 provided on account of Nilgiri Railway.

b. To accord more closely with actuals. Rs. 600 provided for Nilgiri Railway.

c. Rs. 1,742 provision for Watch and Ward Staff transferred to Abstract E. "Police."

d. Includes Rs. 54,000 on account of 2 new engines and Rs. 16,000 for 2 new boilers, as against a similar provision last half-year.

e. Rs. 4,500 provided for Nilgiri Railway. Increase of Rs. 2,000 provided under Materials to meet anticipated heavier expenditure under Repairs.

f. A large amount of materials than usual was expended in this half-year in the renewals and repairs of boilers.

g. Rs. 200 provided for Nilgiri Railway.

h. Rs. 15,000 provided for Nilgiri Railway. Reduction anticipated in charges for Loss by Exchange on stores consumed by Madras Railway. Increase anticipated in charges for carriage of coal.

i. No new engines were charged in this half-year. There were also no charges on account of loss on stores

MADRAS RAILWAY.

ABSTRACT **C.**

Carriage and Wagon Expenses—(*concluded*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for the Half-year, 31st December 1898.	
	Amount.	Total.	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—General Superintendence (as per page 36)	...	18,290	...	18,556	...	17,969
II.—Repairs and Renewals of Vehicles—						
COACHING VEHICLES—1.—Wages ...	38,200		a 37,980			
2.—Overtime ...	500		500		32,079	
3.—Materials ...	51,200		52,500		879	
					38,138	
	89,900		b 90,980		c 71,096	
GOODS VEHICLES— 1.—Wages ...	39,700		* 39,146		39,014	
2.—Overtime ...	1,000		1,000		1,113	
3.—Materials ...	39,340		40,840		56,173	
	80,040		d 80,986		e 96,300	
		1,69,940		1,71,966		1,67,396
II-A.—Repairs and Renewals of Machinery, Tools and Plant—						
1.—Wages ...	2,800		2,800		2,132	
2.—Overtime ...	750		750		449	
3.—Materials ...	2,500		2,500		1,741	
		6,050		6,050		4,322
III.—Cleaning Carriages and Wagons and Oiling—						
1. Labour including wages of Oilers, Carriage Cleaners and Examiners	21,000		21,000		19,757	
2. Stores, including oil, grease and other stores for consumption on Running Vehicles	18,250		16,800		14,831	
		39,250		f 37,800		34,588
IV.—New Minor Works	...		...		...	
V.—Unclassified Expenditure—						
1. Loss on Stores	1,500		1,500			
2. Loss by Exchange	15,200		15,500		...	
3. Carriage of Revenue Stores ...	2,500		2,500		15,562	
		19,200		g 19,500	1,436	16,998
	...	2,52,730	...	2,53,872	...	2,41,273
Deduct cost of working the Kolar Gold Fields Railway	...	4,381	...	5,808	...	5,386
Deduct cost of working the Madras-Ennur Railway	...	1,139	...	1,168	...	829
Deduct cost of working the Nilgiri Railway ...	...	3,965	...	3,985	...	...
	Total ...	9,485		10,961		6,215
Total Abstract C., Carriage and Wagon Expenses	...	2,43,245	...	2,42,911	...	2,35,058

EXPLANATORY NOTE.

a. Rs. 520 provision for Watch and Ward Staff transferred to Abstract E, "Police."

b. Rs. 1,000 provided for Nilgiri Railway. A slight increase based on actuals provided under Materials for ordinary repairs. Rs. 32,000 provided for renewals of 8 third class carriages as against a similar provision last half-year.

c. Only Rs. 5,142 expended in renewals in this half-year.

* Rs. 654 provision for Watch and Ward Staff tranferred to Abstract E. "Police."

d. Includes Rs. 12,180 for renewal of 4 cattle wagons and 2 brake vans as against a similar provision last half-year and Rs. 2,200 for repairs of Nilgiri Railway Goods Stock. A slight increase, based on actuals, provided under Materials for ordinary repairs.

e. Rs. 24,427 expended in renewals in this half year.

f. To accord more closely with actuals. Rs. 1,250 provided for Nilgiri Railway.

g Rs. 800 provided for Nilgiri Railway.

MADRAS RAILWAY.

Locomotive Department.

APPENDIX **A** TO ABSTRACTS **B** AND **C**.

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1899.

Mileage rate for Locomotive and Carriage and Wagon Expenses.

The actual train-mileage for the half-year ended 31st December 1898 was 1,302,972, and it is estimated that the train-mileage for the half-year ending 31st December 1899 will be 1,303,000, and the following represents the average rates per train-mile as compared with actuals :—

	Estimate.	Actuals.
	As.	As.
B II—Running Expenses	2·25	2·12
B III—Fuel	5·50	5·81
B IV—Water	0·23	0·23
B V—Oil, Tallow and other Stores	0·35	0·32
B VI—Maintenance and Renewals of Locomotive Engines ...	3·21	3·26
B VI-A—Maintenance and Renewals of Machinery, Tools and Plant	0·10	0·09
C II—Repairs and Renewals of Vehicles	2·11	2·06
C II-A—Repairs and Renewals of Machinery, Tools and Plant ...	0·07	0·05
C III—Cleaning Carriages and Wagons and Oiling	0·46	0·42
	14·28	14·36

	Rs.	Rs.
Estimated cost of running 1,303,000 train-miles	11,63,317	...
Actual cost of running 1,302,972 train-miles	...	11,69,200
Add—Charges for Superintendence, New Minor Works, Payments to other Lines and Unclassified Expenditure ...	2,01,778	1,67,995
	13,65,095	13,37,195
Deduct—sum chargeable to Fire Insurance Fund	...	12,349
„ cost of working the Kolar Gold Fields Railway	31,231	29,849
„ „ Madras-Ennur Railway	6,281	4,597
„ „ Nilgiri Railway	21,427	...
Total ...	58,939	46,795
TOTAL (ABSTRACTS B AND C)—LOCOMOTIVE AND CARRIAGE AND WAGON EXPENSES	13,06,156	12,90,400

EXPLANATORY NOTE.

MADRAS RAILWAY.

APPENDIX **B** TO ABSTRACTS **B** AND **C**.

Locomotive Department.

Rates of Wages for different Trades current at the Perambur Works.

No.	Designation.	European and Eurasian.				Native.			
		1st Grade.		2nd Grade.		1st Grade.		2nd Grade.	
		Rs.	A.	Rs.	A.	Rs.	A.	Rs.	A.
1	Chargeman (Erectors)	6	0	...		...		...	
2	1st Mates	4	0	...		...		...	
3	Fitters	3	8	2	0	0	12	...	
4	Turners	3	0	1	12	0	12	...	
5	Machinemen	...		...		0	10	0	6
6	Copper Smiths	...		...		0	12	...	
7	Smiths	...		...		0	12	0	8
8	Strikers	...		...		0	6	...	
9	Platers	4	0	...		...		...	
10	Boiler Smiths	3	0	1	12	0	12	...	
11	Rivetters	...		...		0	12	...	
12	Angle-iron Smiths	...		...		1	0	...	
13	Spring Smiths	...		...		0	12	...	
14	Carriage Lifters	2	0	1	8	...		...	
15	Do. Fitters	1	0	...		0	10	...	
16	Carpenter Maistry	...		...		1	8	...	
17	Carpenters	...		...		0	12	0	8
18	Painters	...		...		0	12	0	8
19	Trimmers	...		...		0	8	...	
20	Sawyers (Machinemen)	2	0	...		0	12	...	
21	Saw-sharpeners	...		...		0	10	...	
22	Moulders	2	0	...		0	12	0	8
23	Tin Smiths	...		...		0	10	...	
24	Cobblers	...		...		0	8	...	
25	File-cutters	...		...		...		...	
26	Coolies	...		...		0	4	...	

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT **D.**

Traffic Department.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for the Half-year ending 31st Dec. 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
1st.—Salaries, Wages, &c.		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
(a) *General Superintendence.*									
(1.) Traffic Manager	Unclassified.	1,200—1,500	1	1,500	9,000	1	1,500	a 9,000	...
Deputy Traffic Manager ...	Do.	850—1,000	1	1,000	6,000	1	1,000	b 6,000	...
Assistant do. do. ...	1st Class.	* 700—800	1	818	4,909	1	818	c 4,909	...
Do. do. do. ...	Do.	* 700—800	1	409	2,455	1	409	d 3,418	...
Do. do. do. ...	2nd Class.	550—650	1	727	4,364	1	700	e 4,082	...
Do. do. do. ...	Do.	550—650	1	318	1,909	...	...	f ...	...
Do. do. do. ...	Do.	550—650	1	545	3,273	1	550	g 3,300	...
Do. do. do. ...	3rd Class.	* 350—450	1	545	3,273	1	550	h 3,075	...
Do. do. do. ...	Do.	* 350—450	1	410	2,460	1	410	i 2,460	...
Do. do. do. ...	Do.	350—450	...	...	...	1	350	j 2,100	...
Traffic Inspector ...	...	101—200	1	125	750	1	125	750	...
Tarpaulin Inspectors ...	...	100 & below.	2	70	420	2	70	420	...
Exchange Compensation Allowance	...	...	...	...	2,689	...	...	k 2,845	...
Commission on Tourists' Tickets	...	...	...	250	1,500	...	167	l 1,000	...
			12	...	43,002	12	...	43,359	m 48,997
(2.) Office Establishment—									
HEAD-QUARTERS.									
Clerk	Unclassified.	250—300	1	275	1,650	1	275	1,650	...
Clerks	Do.	101—200	4	575	3,450	4	575	3,450	...
Do.	Do.	100 & below.	85	2,335	14,010	85	2,335	14,010	...
Menials †	Do.	...	25	188	1,128	25	188	1,128	...
DISTRICTS.			115	...	20,238	115	...	20,238	17,380
Acting Office Assistants ...	Unclassified.	125	3	375	2,250	...	..	n ...	...
Clerks	Do.	100 & below.	43	995	5,970	43	995	o 5,970	...
Menials ‡	Do.	...	17	119	714	17	119	714	...
			63	...	8,934	60	...	6,684	7,397
(3.) Travelling Allowances ...	...	...	...	750	4,500	...	750	4,500	3,494
(4.) Contingencies	...	...	...	84	500	...	84	500	415
Carried over...	...	...	...	...	77,174	...	...	75,281	77,683

EXPLANATORY NOTE.

* These rates will apply to all future appointments and promotions.

a. Mr. F. W. Read, Rs. 1,500.

b. „ D. Ross-Johnson, Rs. 1,000.

c. „ J. L. Taylor, Rs. 818.

d. „ W. A. Wilkinson, Rs. 409-1-5. On furlough up to 20th October 1899, and Rs. 818-2-10 from 21st October 1899.

e. „ G. Wallington, (Rs. $\frac{818\text{-}2\text{-}10+650}{2}$ = 734-1-5.) Rs. 700. Acts for Mr. Wilkinson on furlough up to 20th October and Rs. 650 from 21st October 1899.

f. „ W. H. Johnstone, retired from service. *Vide* Board's letter No. 996, dated 5th May 1899.

g. „ R. Greenall, Rs. 550. Promoted to 2nd Class due to retirement of Mr. W. H. Johnstone.

h. „ E. R. Ross, (Rs. $\frac{454\text{-}8\text{-}8 + \text{Rs. } 650}{2}$ = Rs. 552-4-4.) Rs. 550. Acts for Mr. Wallington up to 20th October 1899 and Rs. 454-8-8 from 21st October 1899.

i. „ G. W. Giles, Rs. 410.

j. Salary of a new Officer, Rs. 350, *vice* Mr. W. H. Johnstone.

k. Calculated at Exchange of 1s. 3¾*d.* per rupee. Includes Exchange Compensation Allowance for the new Officer, *vice* Mr. W. H. Johnstone.

l. In December half-year commission traffic is lighter.

m. Includes Rs. 7,364 being the amount paid to Mr. G. R. Byron as gratuity.

† 3 Lithographic Peons, 2 Book-binders, 16 Peons and 4 Punkahmen.

n. Four traffic divisions reverted to and these temporary posts abolished from 15th May 1899.

o. Includes provision for one Clerk on Rs. 20 per mensem on account of Nilgiri Railway.

‡ 4 Lithographic Peons, 9 Peons and 4 Punkahmen.

MADRAS RAILWAY.

ABSTRACT **D**

Traffic Department—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, ending 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	77,174	...	...	75,281	77,683
1st—Salaries, Wages, &c.—(*continued*).									
(*b*) *Station Staff.*									
Station Masters	1st Class.	250	1	250	1,500	1	250	1,500	...
Do. do.	Do.	225	2	450	2,700	2	450	2,700	...
Do. do.	Do.	101—200	16	2,200	13,200	16	2,200	13,200	...
Do. do.	Unclassified.	100 & below.	312	8,441	50,646	313	8,499	*a* 50,994	...
Block Signalmen and Overtime Allowance	Do.	25—50	9	375	2,250	9	375	2,250	...
Coaching Clerks	Do.	100 & below.	164	3,870	23,220	166	3,910	*b* 23,460	..
Goods Agent	Do.	400	1	400	2,400	1	400	2,400	...
Do. Personal allowance.	...	...	...	...	...	...	100	*c* 600	...
Goods Clerk	Do.	101 to 200	1	135	810	1	135	810	...
Goods Clerks	Do.	100 & below.	166	4,617	27,702	166	4,617	27,702	...
Shunting Masters, &c.	Do.	10—60	95	2,446	14,676	97	2,481	*d* 14,886	...
Menials	Do.	...	1,936	13,741	82,446	1,956	13,870	*e* 83,220	...
Gatemen	Do.	...	291	1,679	10,074	291	1,679	10,074	...
Allowances	...	...	...	250	1,500	...	250	1,500	...
Loading and Unloading	...	...	...	500	3,000	...	67	*f* 400	—
			2,994	...	2,36,124	3,019	...	*g* 2,35,696	2,11,607
Deduct amount on account of expenses at Joint Stations ...	...	...	...	...	16,000	...	...	16,000	17,103
			2,994	...	2,20,124	3,019	...	2,19,696	1,94,504
Train Staff.									
Guards and Assistant Guards ...	...	100 & below.	193	8,945	53,670	193	8,945	*h* 53,670	...
Mileage Allowances	...	...	...	2,000	12,000	...	2,000	12,000	...
Travelling Ticket Collectors ...	...	...	4	153	918	4	153	918	...
Do. Allowances ...	...	...	...	25	150	...	25	150	...
			197	...	66,738	197	...	66,738	60,800
Carried over ...	...	...	...	...	3,64,036	...	...	3,61,715	3,32,987

EXPLANATORY NOTE.

	Amount. Rs.	No.	
a.	10	0	Increased wages for Senior Station Master, Ennur.
	45	1	Station Master for Ranipet.
	25	1	Assistant Station Master for Ennur.
	80	2	
Less.	20	1	Station Clerk at Ponnai Road withdrawn.
	60	1	
	2	0	Less saving Rs. 2-0-0 per mensem between Rs. 2,152-0-0 in half-year 30th June 1899, and Rs. 2,154-0-0 in half-year 31st December 1899, being ⅓rd of the pay of Station Masters and Assistants chargeable to Telegraph.
	58	1	
b.	20	1	Luggage Clerk for Washermenpet.
	20	1	Assistant Booking Clerk for Ranipet.
	40	2	

c. *Vide* G. of I. No. 610 R. E., dated 6th April 1899 and M. G. O., No. 455 Ry, dated 21st April 1899.

d.	20	1	Shunting Master for Ennur.
	15	1	No. Taker for Ennur.
	35	2	
e.	12	2	Porters at Rs. 6 each,
	7	1	Shunting Porter,
	6	1	Signal Peon, } for Ennur.
	10	1	Pointsman Maistry,
	14	2	Pointsmen at Rs. 7 each,
	18	3	Porters at Rs. 6 each for Washermenpet.
	7	1	Marker,
	7	1	Goods Shed Peon,
	36	6	Porters at Rs. 6 each, } for Ranipet.
	6	1	Scavenger,
	14	2	Pointsmen at Rs. 7 each,
	6	1	Scavenger for Yerragudipadu.
	6	1	Do. Kalamalla.
	149	23	
Less	6	1	Porter at Ponnai Road withdrawn.
	7	1	Pointsman at Reddipalli Do.
	7	1	Do. Nandalur Do.
	129	20	

f. Owing to contract system at Bangalore City having been discontinued.

g. Includes provision of Rs. 3,792 for Nilgiri Railway as per particulars in the Rolls for half-year June 1899.

h. Do. Rs. 1,680 do. do. do.

MADRAS RAILWAY.

ABSTRACT **D.**

Traffic Department—(*concluded*).

Authorizations for the Half-year ending 31*st December* 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year ending 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	3,64,036	...	...	3,61,715	3,32,987
2nd.—Fuel, Lighting, Water and General Stores—									
(1) Fire, Lights, Water and General Stores	...	...	...	6,666	40,000	...	6,666	40,000	...
(2) *Wagon Covers and Ropes—*									
Tarpaulin Repairers ...	...	12	30	270	1,620	30	270	1,620	...
Do. Materials ...	...	...	...	833	5,000	...	1,000	*a* 6,000	...
(3) Office and Station fittings and furniture	...	...	...	333	2,000	...	333	2,000	...
			30	...	48,620	30	...	49,620	44,785
3rd.—Clothing	...	...	...	1,083	6,500	...	1,083	6,500	5,431
4th.—Printing, Stationery and Tickets—									
Printing, Stationery, &c., for Traffic Department	...	...	...	...	33,500	...	...	33,500	...
Ticket Printing Office.									
Ticket Printers, &c.	...	100 & below.	10	278	1,668	10	278	1,668	...
Tickets and Stationery	...	...	...	...	4,500	...	...	4,500	...
			10	...	39,668	10	...	39,668	38,541
5th.—Charges for delivery and collection of goods.	...	...	...	500	3,000	...	500	*b* 3,000	1,464
6th.—Miscellaneous Expenses	...	...	...	125	750	...	125	750	...
Clock Winders	...	15—25	5	100	600	5	100	600	...
Repairs of Weighing Machines ...	...	...	...	...	1,800	...	...	1,800	...
Lamp Repairers	...	3—25	5	60	360	5	60	360	...
			10	...	3,510	10	...	3,510	2,641
7th.—Payments to other Lines—									
Expenses at Joint Stations ...	...	...	...	1,166	7,000	...	1,166	7,000	8,345
8th.—Unclassified Expenditure—									
Loss on Stores	...	...	...	...	...	...	...	...	...
Carriage of Revenue Stores ...	...	...	...	250	1,500	...	250	1,500	...
Loss by Exchange	...	...	...	1,000	6,000	...	1,000	6,000	...
			...	...	7,500	...	...	7,500	7,212
			...	...	4,79,834	...	...	4,78,513	4,41,406
Deduct sum chargeable to Fire Insurance Fund	...	...	...	...	...	...	...	...	121
Deduct cost of working the Kolar Gold Fields Railway	...	...	...	...	8,317	...	...	10,947	9,853
Deduct cost of working the Madras-Ennur Railway	...	...	...	...	2,162	...	...	2,202	1,518
Deduct cost of working the Nilgiri Railway	...	...	...	...	7,528	...	...	7,511	...
Total ...	...	...	...	...	18,007	...	...	20,660	11,492
Total Abstract D. Traffic Expenses.	...	...	...	...	4,61,827	...	...	4,57,853	4,29,914

EXPLANATORY NOTE.

a. Slightly larger number of sheets for renewal.

b. Includes Rs. 1,000 for Ootacamund Out-Agency.

MADRAS RAILWAY.

Statement of Allowances to be paid to Officers and Servants of the Traffic Department provided for in the Establishment List for the Half-year ending 31st December 1899.

No.	Designation.	Allowances. Rs.	A.	P.	Nature of Allowances.
For Officers who joined the Service prior to 7th October 1897, the date of G. O. No. 783 R.	Traffic Manager	105	0	0	Fixed allowance in lieu of travelling expenses.
	Deputy Traffic Manager	60	0	0	Do. do. do.
	Asst. Traffic Managers in charge of a Division.	60	0	0	Do. do. do.
	Do. do. N.-W. Line allowances.	50	0	0	Do. do. do.
	Do. do. Presidency allowances.	50	0	0	Do. do. do.
	Do. do.	...	...	...	Batta allowance according to scale when employed out of Madras on duty other than acting for an Officer on privilege leave.
1	Kalamalla Station	2	0	0	Water allowance.
1	Pattakotacheru do.	4	0	0	Do. do.
1	Nancherla do.	8	0	0	Do. do.
1	Molagavalli do.	2	0	0	Do. do.
1	Aspari do.	8	0	0	Do. do.
1	Nagarur do.	2	0	0	Do. do.
1	Kupgal do.	4	0	0	Do. do.
1	Kosgi do.	8	0	0	Do. do.
1	Tungabhadra do.	8	0	0	Do. do.
1	Matmari do.	8	0	0	Do. do.
1	Station Master, Samalpatti	5	0	0	Special allowance, unhealthy station.
1	Do. Mallapuram	5	0	0	Do. do.
1	Assistant Station Master, Mallapuram ...	5	0	0	Do. do.
1	Station Master, Kadiampatti	5	0	0	Do. do.
1	Do. Walayar	5	0	0	Do. do.
1	Assistant Station Master, Walayar ...	2	8	0	Do. do.
1	Station Master, Kanyikod	5	0	0	Do. do.
1	Assistant Station Master, Rayapuram ...	2	8	0	House rent.
1	Do. Washermanpet ...	2	8	0	Do. *Vide* Minute No. 2 of the Official Meeting held on 26th February 1897.
1	Do. Perambur ...	2	8	0	House rent.
1	Station Master, Cauvery	...	...	...	Rent allowance Rs. 1-8-0 has been withdrawn.
1	Travelling Ticket Inspector	10	0	0	Fixed allowance in lieu of travelling batta.
3	Do. do. Collectors at Rs. 5 each ...	15	0	0	Do. do.
4	Pointsmen Inspectors	...	...	...	10 per cent. of salary allowance in lieu of batta—*Vide* Minute No. 8 of Official Meeting of 28th February 1896.
1	Marikuppam Station	8	0	0	Water allowance for Station Masters and Staff. On K. G. F. Railway.
1	Champion do.	8	0	0	
1	Urigam do.	8	0	0	
1	Balaghat do.	8	0	0	

All Guards working on the North-West Line between Arkonam and Raichur (1st and 2nd Divisions) are allowed 10 per cent. on their salaries.

Signallers in charge of Cuddapah, Gooty and Raichur Offices are allowed Rs. 10 each over and above their salaries, and the 2nd Grade Signallers placed at the above stations as well as the Signallers at Adoni are allowed at Rs. 5 each. Junior Signallers at Cuddapah, Gooty, Guntakal and Raichur Junctions are allowed 10 per cent. on their salaries.

Mileage Allowances.—Guards are allowed mileage allowance at the following rates per 100 miles worked:—

European and Eurasian Chief Guards	8 Annas.	As per G. O. No. 485 R. of 20th July 1897. Lower scale of allowance is proposed for disbursement.
Do. do. Under do.	4 do.	
Native Chief Guards	4 do.	
Do. Under do.	2 do.	

Traffic Manager's Office.—Staff Section Clerks' overtime. Staff Section Clerks are allowed two extra days' pay monthly when engaged on Sundays in preparing the Pay Sheets, provided that the total amount does not exceed Rs. 25.

An allowance of 25 and 15 per cent. on salaries is granted to Running Staff living at Coonoor and Mettupalaiyam respectively, when engaged with trains on the Nilgiri Railway—*Vide* Consulting Engineer's No. 3131, dated 18th November 1898.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
1st.—Home Expenditure—									
(1.) Directors and Secretary or Managing Director ...	...	...	...	...	30,000	...	...	30,000	...
(2.) Auditors and Accountants...									
(3.) Consulting Engineer and Inspecting Officers' Fees and Travelling Allowances.	...	...	...	...	9,000	...	...	9,000	...
(4) Office Expenses	...	...	...	...	...	...	...	...	...
Total I—(1) to (4) ...	...	...	...	....	39,000	...	...	39,000	33,294
2nd.—Salaries of Indian Management including Offices—									
(1.) *Agent and Manager's Department—*									
Agent and Manager ...	...	2,500	1	2,500	15,000	1	2,500	*a* 15,000	...
Assistant do. ...	...	500—800	1	800	4,800	1	800	*b* 4,800	...
Exchange Compensation Allowance ...	...	...	...	...	1,295	...	...	*c* 1,295	...
			2	...	21,095	2	...	21,095	20,777
Chief Clerk ...	...	250—300	1	300	1,800	1	300	1,800	...
Clerks ...	...	100 & below.	21	780	4,680	21	780	4,680	...
Menials * ...	...	...	12	94	564	12	94	564	..
			34	...	7,044	34	...	7,044	6,351
Travelling Allowances ...	...	...	...	117	700	...	117	700	*d* 624
Total II—(1) ...	...	...	...	...	28,839	...	...	28,839	27,752
(2, 3 & 4.) *Chief Auditor's Department—*									
Superintendence—									
Chief Auditor ...	...	1,200—1,500	1	1,350	8,100	1	1,425	*e* 8,550	...
Deputy Auditor ...	...	850—1,000	1	800	4,800	1	950	*f* 5,700	...
Exchange Compensation Allowance ...	...	...	...	...	922	...	...	*g* 1,018	...
			2	...	13,822	2	...	15,268	13,749
Carried over ...	...	...	...	...	67,839	...	...	67,839	61,046

EXPLANATORY NOTE.

a. Mr. L. S. Moss, Rs. 2,500.

b. Mr. A. Edwards, Rs. 800.

c. Calculated at Exchange of 1*s.* 3¾*d.* per rupee.

* 1 Binder, 8 Peons, 1 Office Servant, 1 Staff Bungalow Peon and 1 Church Watchman.

d. Includes Rs. 9 paid on account of carriage hire.

e. Mr. F. Dunsterville, Rs. 1,425. Increased rate of salary provided (*Vide* Board's letter No. 953, dated 7th May 1897; G. I. No. 218 A. E., dated 3rd August 1897; and M. G. O. No. 563 R., dated 16th August 1897.

f. Mr. T. Wake, Rs. 950. Increased rate of salary provided: G. I., No. 700 R. E., dated 18th April 1899 and M. G. O., No. 520 Ry., dated 3rd May 1899.

g. Calculated at Exchange of 1*s.* 3¾*d.* per rupee.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	67,839	...	...	67,839	61,046
2nd.—Salaries of Indian Management including Offices—(*continued*).									
(2, 3 & 4.) *Chief Auditor's Department* (continued)	...	...	...	...	13,822	...	...	15,268	13,749
General and Traffic Audit—									
Assistant Auditor ...	1st Class.	700—800	1	550	3,300	1	700	*a* 4,200	...
Assistant Auditor ...	3rd Class.	350—450	1	400	2,400	1	450	*b* 2,687	...
Assistant Auditor ...	3rd Class.	350—450	1	400	2,400	1	450	*c* 2,700	...
Exchange Compensation Allowance	...	...	...	...	579	...	...	*d* 685	...
			3	...	8,679	3	...	10,272	8,338
Accountant	...	250	1	250	1,500	1	250	1,500	1,350
Travelling Auditors ...	...	101 to 200	5	800	4,800	5	800	4,800	...
Do. do ...	...	100 & below.	1	100	600	1	100	600	...
			6	...	5,400	6	...	5,400	4,795
Head Clerks	...	101—200	2	350	2,100	2	350	2,100	...
Clerks	...	100 & below.	210	4,945	29,670	210	4,945	*e* 29,670	...
			212	...	31,770	212	...	31,770	28,409
Menials *	...	...	17	131	786	17	131	786	724
Store Audit—									
Store Auditor	...	150—200	1	200	1,200	1	200	1,200	...
Stock-takers	...	100 & below.	9	300	1,800	9	300	1,800	...
Menial	...	...	1	7	42	1	7	42	...
			11	...	3,042	11	...	3,042	2,726
Allowances, &c.—									
Travelling	...	...	...	338	2,030	...	338	2,030	1,692
Carried over ...	...	...	...	...	67,029	...	...	70,068	61,783
	...	...	...	...	67,839	...	...	67,839	61,046

EXPLANATORY NOTE.

a. Mr. A. Corben, Rs. 700. Increased rate of salary provided, G. I. No. 700 R. E., dated 18th April 1899 and M. G. O., No. 520 Ry., dated 3rd May 1899.

b. Mr. J. F. Dinwoodie, Rs. 450. do. from 9th July 1899 do. do. do. do.

c. Mr. A. H. Francis, Rs. 450. Increased rate of salary provided, G. I. No. 700 R. E., dated 18th April 1899 and M. G. O., No. 520 Ry. dated 3rd May 1899.

d. Calculated at Exchange of 1s. 3¾*d.* per rupee.

e. Includes provision for 5 extra Clerks on Rs. 25 each per mensem for Nilgiri Railway as per previous Rolls.

* 1 Moochie, 1 Binder and 15 Peons.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year, 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	67,839	...	...	67,839	61,046
	...	...	...	...	67,029	...	...	70,068	61,783
2nd.—Salaries of Indian Management including Offices—(*continued*).									
(2, 3 & 4.) *Chief Auditor's Department*—(concluded).									
(4.) *Cash and Pay Office*—									
Cashier	...	250—300	1	300	1,800	1	300	1,800	
Assistant to Cashier	...	150—200	1	200	1,200	1	200	1,200	
Pay Clerks	...	50 & below.	11	550	3,300	11	550	3,300	
Clerks	...	100 & below.	7	285	1,710	7	285	1,710	
Shroffs	...	25 & below.	5	110	660	5	110	660	
Cash Peons	...	...	23	175	1,050	23	175	1,050	
Guard Peons	...	...	15	107	642	15	107	642	
			63	...	10,362	63	...	10,362	9,935
Allowances, &c.—									
Travelling Allowances ...	...	...	...	...	650	...	...	650	569
Contingencies	...	...	...	...	450	...	...	450	482
Total II—(2) to (4) ...	...	...	...	...	78,491	...	...	81,530	72,769
Carried over ...	...	...	...	...	1,46,330	...	...	1,49,369	1,33,815

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	1,46,330	...	...	1,49,369	1,33,815
2nd.—Salaries of Indian Management including Offices—(*continued*).									
† (5.) *General Store Department*—									
General Storekeeper	...	400—600	1	500	3,071	1	550	*a* 3,300	...
Warders	...	101—200	2	325	1,950	2	325	1,950	...
Do.	...	20—70	4	160	960	4	160	960	...
Clerk	...	101—200	1	125	750	1	125	750	...
Clerks, Timekeeper, &c. ...	...	100 & below.	21	604	3,624	21	609	*b* 3,654	...
Travelling Clerk	...	90	1	90	540	1	90	540	...
Carpenters	...	...	2	44	264	2	44	264	...
Menials *	...	...	24	199	1,194	24	199	1,194	...
			56	...	12,353	56	...	12,612	11,958
Travelling Allowance ...	...	...	...	...	180	...	...	*c* 150	146
Total II—(5) ...	...	...	...	...	12,533	...	...	12,762	12,104
(6.) *Medical Department*—									
Medical Officer	...	450—650	1	650	3,900	1	650	*d* 3,900	...
Exchange Compensation Allowance	...	...	...	...	279	...	...	*e* 279	...
			1	...	4,179	1	...	4,179	4,157
Apothecaries	...	101—200	7	1,035	6,210	7	1,035	*f* 6,210	...
Do.	...	100 & below.	12	1,018	6,110	12	1,018	6,110	...
			19	...	12,320	19	...	12,320	8,888
Carried over ...	...	...	...	...	16,499	...	...	16,499	13,045
	...	...	...	...	1,58,863	...	...	1,62,131	1,45,919

EXPLANATORY NOTE.

† Expenditure on account of daily labour is distributed to using departments, and is not included in this estimate.

a Mr. J. Mitchell, Rs. 550, from 19th May 1899. (*Vide* M. G. O., No. 309 Ry., dated 22nd February 1898, and Board's letter No. 967, dated 14th January 1898.)

b. Increase of Rs. 5 provided for Weigh Bridge Clerk.

* 1 Moochee.
3 Travelling Peons.
6 Ward Peons.
2 Office do.
2 Guard do.
5 Book-binders.
1 Cooper.
1 Cooly Maistry.
1 Chickledar.
1 Marker.
1 Chuckler.

c. To accord with actuals.

d. Dr. J. Currie, Rs. 650.

e. Calculated at Exchange of 1*s*. 3¼*d*. per rupee.

f. Includes Rs. 210 on account of Nilgiri Railway.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	1,58,863	...	...	1,62,131	1,45,919
Brought forward...	...	...	...	...	16,499	...	...	16,499	13,045
2nd.—Salaries of Indian Management including Offices—(*continued*).									
(6.) *Medical Department*—(concluded).									
Medical Storekeeper ...	...	20—25	1	50	300	1	50	300	300
Clerks	...	...	2	45	270	2	45	270	270
Menials *	...	...	18	139	836	18	139	836	815
			21	...	1,406	21	...	1,406	1,385
Contingencies.									
Allowance for Rent... ...	...	...	...	...	180	...	...	*a* 180	180
Carriage hire for Medical Officer	...	...	...	...	300	...	...	300	300
			...	...	480	...	...	480	480
			...	...	400	...	...	*b* 500	494
Travelling Allowance ...	...	...	...	...	18,785	...	...	18,885	15,404
Total II—(6) ...	...	...	...	...	1,100	...	...	1,100	...
(7.) *Rents of Buildings and Lands*	..	...							
(8.) *Furniture, Fittings and other Miscellaneous Expenses, Punkah and Tatty Coolies and Bhisties*—									
Agent and Manager's Office ..	...	...	...	...	120	...	...	120	119
Audit Office	...	...	...	...	381	...	...	381	343
General Stores' Office ...	...	...	...	...	36	...	...	36	36
Medical Department ...	...	...	...	...	...	...	...	...	...
Furniture, Fittings, &c. ...	...	...	...	...	3,050	...	...	3,050	3,392
Total II—(8) ...	...	...	...	...	3,587	...	...	3,587	3,890
(9.) *Printing and Stationery* ...	...	...	...	...	4,730	...	...	4,730	4,752
(10.) *Medicine and Contribution to Hospital*...	...	...	...	...	2,090	...	...	*c* 2,090	427
Total II ...	...	...	...	...	1,50,155	...	...	1,53,523	1,37,098
Carried over ...	...	...	...	...	1,89,155	...	...	1,92,523	1,70,392

EXPLANATORY NOTE.

* 17 Peons and 1 Lascar.

a. Allowance to Senior Apothecary.

b. To accord with actuals.

c. Includes Rs. 90 on account of Nilgiri Railway.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs	Rs
Brought forward...	...	...	...	...	1,89,155	...	...	1,92,523	1,70,392
3rd—Police—									
(1.) *Supervision—*									
Chief Inspector	...	200 to 250	1	250	1,500	1	250	1,500	...
Inspectors	...	100 & below.	6	455	2,730	10	635	*a* 3,810	...
Sub-Inspectors	...	...	4	120	720	4	120	720	...
Clerk	...	...	1	20	240	1	20	240	...
Allowance to Head Clerk, Traffic Staff Section, for Police Department	...	...	...	20		...	20		...
Record-keeper	...	...	1	15	90	1	15	90	...
Detectives	...	...	6	150	900	6	150	900	...
Checkers	...	...	10	120	720	10	120	720	...
Total III—(1) ...	...	...	29	...	6,900	33	...	7,980	6,234
(2.) *Constables—*									
Head Watchmen	...	...	12	267	1,602	16	387	*b* 2,322	...
Menials	...	...	230	1,418	8,508	286	1,800	*c* 10,800	...
Payments to Nizam's & Mysore Governments	...	...	...	...	1,500	...	...	1,500	...
Total III—(2) ...	..	...	242	...	11,610	302	...	14,622	10,386
(3.) *Contingencies*	...	...	...	...	3,700	...	...	3,700	2,709
Total III ...	...	...	...	...	22,210	...	...	26,302	19,329
Carried over ...	...	...	...	...	2,11,365	...	...	2,18,825	1,89,721

EXPLANATORY NOTE

a. Includes provision for 1 Inspector on Rs. 60 and 3 Sergeants on Rs. 40 each transferred from Watch and Ward Staff of Locomotive Department at Perambur Works.

The total charge now included in this Abstract for Locomotive Watch and Ward is Rs. 4,092, of this Rs. 2,916 has been deducted from Abstracts B and C and of the balance of Rs. 1,176 Rs. 972 was the former charge to Capital for its share, of Watch and Ward at Perambur Works and Rs. 204 is for a necessary increase of Staff.

b. Includes provision for 4 Watchmen on Rs. 30 each transferred from Watch and Ward Staff of Locomotive Department at Perambur Works.

c. Includes provision for two Watchmen on Rs. 8 each for Coonoor, Nilgiri Railway.

Do. for 56 Watchmen, &c., Rs. 382 per mensem, transferred from Locomotive Department.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	2,11,365	...	...	2,18,825	1,89,721
4th.—Advertising (all advertisements of all Departments) ...	...	...	...	...	3,000	...	...	3,000	3,147
5th.—Electric Telegraph—									
(1.) *Salaries of Superintendents and Assistants—*									
Telegraph Engineer ...	...	700—900	1	250	1,620	1	700	*a* 4,200	...
Acting do. ...	...	...	1	625	3,584	...	...	...	...
Assistant do. ...	...	350—500	1	350	2,100	1	350	*b* 2,100	...
Exchange Compensation Allowance	...	...	...	...	624	...	...	*c* 450	...
Inspector	1st class.	200—250	1	250	1,500	1	250	1,500	...
Inspectors	2nd and 3rd classes.	101 to 200	2	220	1,320	2	220	1,320	...
Total V—(1) ...	...	...	6	...	10,748	5	...	9,570	9,487
(2.) *Signallers*	...	100 & below.	116	6,408	38,448	117	6,435	*d* 38,610	36,371
(3.) *Travelling Expenses* ...	...	...	...	...	1,380	...	...	1,380	988
(4.) *Office Expenses, Contingencies, &c.—*									
Head Writer	...	100 & below.	4	180	1,080	4	180	1,080	...
Writers									
Storekeepers	...	25—50	2	75	450	2	75	450	...
Peons	...	...	4	28	168	4	28	168	...
Travelling Expenses ...	...	...	...	10	60	...	10	60	...
Total V—(4) ...	...	...	10	...	1,758	10	...	1,758	1,438
(5.) *Maintenance, Wages and Stores—*									
Inspectors	...	100 & below.	10	580	3,480	10	580	3,480	...
Linemen	...	...	32	226	1,356	32	226	1,356	...
Trainmen	...	...	22	154	924	22	154	924	...
Intercommunication Maistries	...	...	5	95	570	5	95	570	...
Wages and Materials ...	...	...	...	...	19,234	...	...	19,234	...
Clothing	...	...	...	...	260	...	...	260	...
Total V—(5) ...	...	...	...	...	25,824	...	...	25,824	22,549
Carried over ...	...	...	...	...	78,158	...	...	77,142	70,833
	...	...	...	...	2,14,365	...	...	2,21,825	1,92,863

EXPLANATORY NOTE.

a. Mr. R. E. Pigott, Rs. 700. (*Vide* Board's letter, No. 970, dated 11th March 1898, G. of I., No 2511 G., dated 12th August 1898 and M. G. O., No. 1077 Ry., dated 22nd August 1898.)

b. Mr. H. L. Prendergast, Rs. 350.

c. Calculated at Exchange of 1s. $3\frac{3}{4}d.$ per rupee.

d. One Signaller on Rs. 25 for Ennur and includes Rs. 2,154 per mensem, being $\frac{1}{3}$rd of the amount of Station Masters' salaries of small stations where no Signaller is kept as against Rs. 2,152 in previous half-year.

Includes provision for one Signaller on Rs. 30 for Coonoor.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*concluded*).

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year, 31st December 1898.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	2,14,365	...	...	2,21,825	1,92,868
	...	...	...	...	78,158	...	...	77,142	70,833
5th—Electric Telegraph— *(concluded).*									
(6.) *Government Telegraph Department for Rents, &c.* ...	...	...	...	...	1,360	...	...	a 1,451	895
Total V ...	...	...	...	...	79,518	...	...	78,593	71,728
6th—Clearing Accounts with other Lines ...	...	...	...	...	...	...	...	...	...
7th—Unclassified Expenditure—									
(1.) *Loss on Stores*	...	...	...	...	...	...	...	...	...
(2.) *Expenses connected with Fire Engines*	...	...	...	...	3,000	...	...	3,000	4,960
(3.) *Loss by Exchange*... ...	...	...	...	...	21,000	...	...	b 15,000	13,878
(4.) *Carriage of Revenue Stores*...	...	...	...	...	1,000	...	...	1,000	1,138
Total VII ...	...	...	...	...	25,000	...	...	19,000	19,976
Total ...	...	...	...	...	3,18,883	...	...	3,19,418	2,84,572
Deduct sum chargeable to Fire Insurance Fund	...	...	...	...	3,000	...	...	3,000	4,960
Deduct cost of working the Kolar Gold Fields Railway ...	...	...	...	...	5,527	...	...	7,307	6,352
Deduct cost of working the Madras-Ennur Railway ...	...	...	...	...	1,437	...	...	1,469	979
Deduct cost of working the Nilgiri Railway	...	...	...	...	5,003	...	...	5,013	...
Total ...	...	...	...	...	14,967	...	...	16,789	12,291
Total Abstract E., General Charges...	...	...	...	...	3,03,916	...	...	3,02,629	2,72,281

EXPLANATORY NOTE.

a. Provision of Rs. 91 made on account of Arcot-Ranipet Branch. Includes Rs. 440 on account of Nilgiri Railway.

b. To accord with actuals.

MADRAS RAILWAY.

ABSTRACT G.

Special and Miscellaneous Expenditure.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for Half-year, 31st December 1898.	
	Amount.	Total.	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1st.—Law Charges	2,000	2,000	2,000	2,000	1,422	1,422
2nd.—Compensation—						
(1.) For Goods lost or damaged	1,000		1,000		a 3,063	
(2.) For Personal injury						
(3.) For other claims		1,000		1,000		3,063
3rd.—Rates and Taxes (*including Municipal Water-rates*)	11,000	11,000	11,000	11,000	11,905	11,905
4th.—Payments to other Lines—						
(1.) Hire of Locomotives	...		...		...	
(2.) Hire of Vehicles	...		...		...	
(3.) Mileage and Demurrage of Foreign Stock ...	5,000		5,000		533	
(4.) Rent of Stations, &c., jointly occupied ...	...		...		...	
(5.) Shunting at Joint Stations	...	5,000	...	5,000	...	533
5th.—Prizes for Station Gardens, &c.	1,000	1,000	1,000	1,000	600	600
6th.—Contributions to—						
(1.) Railway Provident Institution	37,000	37,000	37,000	37,000	19,792	19,792
7th.—Miscellaneous—						
(1.) Loss on Light Coins	...		...		...	
(2.) Bridge Toll Collection Establishment, &c. ...	...		...		...	
(3.) Conservancy	2,000		2,000		1,820	
(4.) Loss by Exchange	1,215		1,015		87	
(5.) Railway Schools	4,985		b 6,815		6,066	
(6.) Locomotive Schools	...		...		...	
(7.) Grant to employés for passing in the Vernacular	...		...		300	
(8.) Provision for unadjusted and disputed claims and bonus to Guaranteed Company's servants ...	...		...		...	
(9.) Commission and Stamp-duty on Debentures ...	...		...		...	
		8,200		9,830		8,273
		65,200	...	66,830	...	45,588
Deduct sum chargeable to Fire Insurance Fund ...	...	1,000	...	1,000	...	19
,, cost of working Kolar Gold Fields Railway ...	...	1,130	...	1,529	...	1,017
,, ,, Madras-Ennur Railway ...	...	294	...	307	...	157
,, ,, Nilgiri Railway ...	...	1,023	...	1,049	...	...
Total ...		3,447		3,885		1,193
Total Abstract G. Special and Miscellaneous Expenditure.	...	61,753	...	62,945	...	44,395

EXPLANATORY NOTE.

a. Actuals in Half-year December 1898 were more than anticipated.

b. See notes (*d*) and (*e*) on page 75.

MADRAS RAILWAY.

Railway Schools.

Authorizations for the Half-year ending 31st December 1899.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1898.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Teachers... { Masters ... / Mistresses ... }	...	100 & below.	{ 1 / 24 }	1,053	6,320	{ 1 / 24 }	1,053	*a* 6,320	5,754
Gymnastic Instructors ...	...	25—30	2	55	330	2	55	330	326
Clerks	...	10—15	2	25	150	3	30	*b* 180	150
School Library Writer ...	...	...	1	10	60	1	10	60	60
School Servants	...	...	14	90	540	14	90	540	399
Rent for School, Raichur ...	...	...	...	...	385	...	...	*c* 385	382
Books and Stores	...	...	...	...	1,000	...	...	1,000	1,063
School Prizes	...	...	...	...	...	...	...	*d* 300	309
Travelling Allowances ...	...	...	...	...	150	...	...	150	108
Contingencies	...	...	...	...	25	...	...	25	6
Clothing	...	...	...	...	25	...	...	25	17
	...	...	...	...	8,985	...	...	9,315	8,574
Less School Fees, Government Grants	...	...	...	...	4,000	...	...	*e* 2,500	2,508
	...	...	...	...	4,985	...	...	*f* 6,815	6,066

EXPLANATORY NOTE.

a. Rates of salary—

			Rs.
Head Mistress		Holding certificate.	50—70
Asst. do.	trained		45
Do. do.	untrained	...	30
Other teachers, maximum		...	25

b. Allowance of Rs. 5 to Traffic Clerk who does the school clerical work at Jalarpet.

c. Divisible between Madras and G. I. P. Railways.

d. Annual charge.

e. To accord with actuals.

f. Net expenditure chargeable to Revenue.

MADRAS RAILWAY.

Regulations for furlough, sick leave, and privilege leave.

I.—FURLOUGH.

1. The Agent may grant furlough to any European Officer of the Company, who can be conveniently spared, according to the following scale :—

A first furlough for a period not exceeding—

12 months after 7 years' service.
14 do. 8 do. do.
16 do. 9 do. do.
18 do. 10 or more do.

A second or subsequent furlough for a period not exceeding—

6 months after 3 years' further service, dating from the expiration of the previous furlough or sick leave.
8 do. 4 do. do.
10 do. 5 do. do.
12 do. 6 do. do.
14 do. 7 do. do.
16 do. 8 do. do.
18 do. 9 or more do. do.

2. The period of service upon which furlough may be granted is to be exclusive of time spent on leave of absence of any kind whatever, except privilege leave. No second or subsequent furlough shall be granted till after a further actual service of three years, commencing from the date of the expiration of the previous furlough; and no single furlough shall be granted for a longer period than eighteen months.

3. With the proviso that no furlough pay shall exceed the rate of 1,000*l.* per annum, an officer absent on furlough will be allowed half the substantive pay of his appointment, excluding all allowances.

II.—SICK LEAVE.

4. The Agent may at any time during service grant an Officer of the Company leave of absence for any period not exceeding twelve months, on the production of a certificate from the Company's Medical Officer, or other Medical Officer to be approved by the Agent, declaring that he is of opinion that sick leave is necessary for a certain period, and that at the end of such time the Officer will probably be fit to resume his duties; provided the Agent is satisfied that the sickness has not been caused by any misconduct of the Officer; provided also that nothing in this rule shall be considered as precluding the Board of Directors of the Company from extending the leave of absence of any Officer of the Company who may have visited England on a sick certificate, for such further period as to such Board may appear proper, subject to the production of a sick certificate from the Company's Medical Officer in England, containing a declaration similar to that above prescribed.

5. With the proviso that no sick leave pay shall exceed the rate of 1,000*l.* per annum, an Officer absent on sick certificate will be allowed half the substantive pay of his appointment, excluding all allowances.

III.—PRIVILEGE LEAVE.

6. The Agent may grant leave of absence to an extent not exceeding one month in each year without deduction of pay. He may permit such one month's leave to be cumulative to the extent of three months, but no longer, so that at the end of twenty-two months' continuous service he may grant to the Officer, if he think proper, two months together, or at the end of thirty-three months, three months together. But an Officer who takes accumulated leave

during the last three months of the third year shall not be permitted to take the first month of the next year on account of that year, or any further privilege leave, until an interval of at least eleven months shall have elapsed from the time of his resumption of duty.

IV.—SPECIAL LEAVE.

7. The Agent may grant to any Officer of the Company, who has served for a period of not less than two years, if he can be conveniently spared, special leave of absence for any period not exceeding six months, on urgent private affairs, but not so as to be joined on to any privilege leave or furlough, and no pay or allowance shall be drawn for the period of such leave.

V.—GENERAL CONDITIONS.

8. All leave granted under the foregoing rules shall commence from the date of the Officer making over charge of his duties, and terminate on his again taking charge of his duties.

9. All Officers visiting England on furlough or sick leave are, immediately after arrival, to report themselves, either personally or by letter, at the Head Office of the Company in London and they are not to return to India without having first obtained the permission of the Board.

10. Officers absent on furlough or sick leave may draw their furlough or sick leave pay monthly, as it becomes due, upon condition of their making a declaration, at the commencement of their leave, that it is their intention to return to duty at the expiration thereof, and engaging in the event of their not returning, to refund the money, should they be called upon to do so.

11. It must be distinctly understood that neither furlough nor privilege leave can be claimed by any Officer as a right, and that such leave will be granted only when, in the opinion of the Agent, it can be given without detriment to the service of the Company.

12. A service of not less than three months is necessary between the date of return from three months' accumulated privilege leave and the grant of furlough, or between the date of furlough, or leave on sick certificate, and the grant of privilege leave.†

13. The duties of Officers on leave under these regulations will be performed, whenever possible, by the existing staff in India. An Officer of any grade, acting in place of another Officer of a higher grade who may be absent on sick leave or furlough, will be entitled to draw one-half of the combined substantive pay of the two appointments, with the full allowances of whichever of the two appointments has the highest allowances; but this arrangement does not apply to Officers acting for others absent on privilege leave. In calculating acting allowances * the personal allowance (if any) enjoyed by the Acting Officer only shall be combined with the substantive pay drawn by him, provided that the personal allowance has been granted in consideration of long and specially good service. The sum of pay, personal allowance (if any) and acting allowance drawn by an Officer, shall not exceed the minimum pay of the appointment in which he is officiating, except when his substantive pay, together with his personal allowance (if any) is higher than the minimum pay of the appointment in which he is officiating, in which case the sum of the substantive pay and personal allowance must not be exceeded.

* See ruling given below.

14. Excepting the case of Officers entitled to free passages under their agreements, all travelling expenses of Officers going on leave, or returning to their duty, must be defrayed by the Officers themselves.

15. All applications for leave must be made officially to the Agent through the head of the department to which the applicant belongs. The applicant must state in his application the dates and other particulars of leave of every description previously obtained by him.

LONDON, *5th January*, 1883.

† *Vide* Board's letter, No. 571, dated 25th February, 1876.—A period of three months' duty should intervene between the return from privilege leave of any length and the grant of furlough. *Vide* para. 5 of Board's letter No. 973 dated 22nd April 1898.

Extract from G.O., No. 519 R., dated 13th August, 1895.

"An officer acting for another on a progressive salary shall draw half of his own salary (whether it include personal allowance or not and whether it be progressive salary or not) with half of the actual substantive pay attached to the post in which he acts."

* PARA. 13.—FURLOUGH REGULATIONS.

An Officer while so acting is entitled to draw only one-half of his Personal allowance.—(See letter from Board, No. 763, dated 21st May, 1886, and letter from Consulting Engineer, No. 153, dated 15th March, 1886). See also Consulting Engineer's letter, No. 749, dated 29th November, 1886.

RETIREMENT AT EXPIRATION OF FURLOUGH.

Extract from a letter from the Secretary No. 993 dated 24th March 1899.

Para.—8. I have submitted to the Board the Copy of G. O. 1493 Ry: dated 3rd December 1898, received with your No. 2398 and referred to in para. 8 in which the sanction of the Government of India is recorded to the proposal to allow Mr. F. G. Lynde, Resident Engineer, Bombay Baroda and Central India Raliway to retire from the service of that Company on the expiration of his furlough without requiring him to refund his leave allowances, and in which it is added that all future cases of this kind which may have been approved by the Board of the above named Company may be dealt with by the Government of Bombay without reference to the Government of India.

In reply to the question raised by the Chief Auditor, I am to inform you that the Board are of opinion that a similar ruling to the above may, subject to the necessary sanction, be applied to this Company in the case of Officers of 10 years' service and upwards. Fo Officers of shorter service, you should, in each case, apply for the orders of the Board. As a rule, an Officer desirous of retiring after the expiry of the furlough due to him, should declare his intention to that effect, so that all matters connected with his work may be adjusted previous to his departure from Madras.

Extract from a letter from the Consulting Engineer No. 1357 dated 27th April 1899.

I have the honor to inform you that the sanction of Government does not appear necessary to the procedure to be adopted. I understand from the correspondence that your Board have delegated to you the power of permitting, subject to Government sanction, officers of over 10 year's service to retire at the end of furlough without forfeiting their leave allowances. To this delegation of powers there appears to be no objection.

RATE OF PAY TO BE DRAWN BY OFFICERS OF INDIAN RAILWAYS ABSENT ON DUTY IN EUROPE.

PARAS. 103 and 104, Civil Service Regulations.

103. A Civil Officer or a Military Officer in Civil employ, who, with the sanction of the Secretary of State, is deputed to Europe on special Civil duty, is entitled from the date on which he makes over charge of his office in India to the date on which he resumes it to an allowance not exceeding two-thirds of the salary which he would draw were he on duty in India.

Note.—Under very special circumstances the Secretary of State may relax this rule.

104. A Civil Officer or a Military Officer in Civil employ, who, under the orders of the Secretary of State, is detained in Europe on Civil duty or permitted to remain on special Civil duty beyond the period of his leave, is entitled—

(i) If on any leave other than privilege leave to an allowance not exceeding two-thirds of his pay and allowances in India.

(ii) If on privilege leave to an allowance not exceeding half his pay and allowances in India for the period during which he is so detained or permitted to remain on special Civil duty.

Vide PARA. 9, Board's letter, No. 912, dated 1st February, 1895.

ACTING ALLOWANCES TO BE DRAWN BY OFFICERS OFFICIATING FOR OTHERS WHO HAVE BEEN DEPUTED TO ENGLAND ON DUTY.

PARAS. 117 and 125, Civil Service Regulations.

117. The maximum salary of an officiating officer is the pay of the appointment.
The minimum salary of an officiating officer is half the pay of the appointment.

* * * *

125. An officer with a substantive appointment officiating in another appointment or in a higher grade is entitled to an acting allowance of one-fifth of the pay of the appointment or grade, but the acting allowance shall not be less than—

(i) Two-thirds of the difference between the pay of the appointment or grade and the pay of the officiating officer.

(ii) Or subject to the limit of the maximum salary (see Article 117) Rs. 200.

Vide PARA. 16, Board's letter, No. 924, dated 11th October, 1895.

ALLOWANCES TO OFFICERS CALLED FROM THE MOFUSSIL TO HEAD QUARTERS ON DUTY.

Minutes of Official Meeting, dated 27th August, 1896.

An allowance according to the following scale, to meet carriage-hire and increased house-rent, will be granted to officers transferred from the Mofussil to Madras for a period of six months or less, when officiating for an officer absent on privilege leave when no acting allowances are drawn :—

Scale.

	Per mensem.
Officers drawing a salary over Rs. 500 and up to Rs. 900	... Rs. 100
Do. do. of „ 500 and under	... „ 50

MADRAS RAILWAY.

Travelling Allowance Rules.

DAILY SCALE OF BATTA to be drawn by officers and others employed on the *open* line of the Madras Railway when travelling on duty. To apply to all joining the service after the 7th October 1897 and to those who on that date were not in receipt of fixed travelling allowances.

Designation or Class of Office.	Rate per Day.		
	Rs.	A.	P.
Agent and Manager	10	0	0
Chief Engineer ... ... / Locomotive Superintendent ... / Traffic Manager ... ... / Chief Auditor ... ... } each	7	8	0
Officers drawing Rs. 1,000 and over	6	8	0
„ „ „ 500 and under Rs. 1,000	5	8	0
„ „ „ 350 „ „ „ 500	4	8	0
Upper Subordinates on Rs. 300 and above	2	8	0
„ „ 200 and under 300	2	0	0
Others „ 100 „ 200	1	8	0
„ „ 50 „ 100	1	0	0
„ „ 25 „ 50	0	8	0
„ „ 15 „ 25	0	4	0
„ under „ 15	0	2	0

2. List of FIXED ALLOWANCES authorised to be drawn by certain officers and other employés engaged on the *open* line.

* Chief Engineer	Rs. 105 per mensem.
* District Engineers	Fixed allowance, Rs. 75 per mensem.
	In charge of one District with an Assistant, Rs. 75 per mensem.
	In charge of one District without an Assistant, Rs. 105 per mensem.
	In charge of two Districts or their equivalent with an Assistant, Rs. 105 per mensem.
	In charge of two Districts or their equivalent without an Assistant, Rs. 175 per mensem.
* Assistant Engineers ...	Fixed allowance, Rs. 75 per mensem.
* Engineering Assistants (3)...	Rs. 2 per diem for each.
* Telegraph Engineer ...	Fixed allowance, Rs. 105 per mensem.
* Traffic Manager	Fixed allowance, Rs. 105 per mensem.
* Dy. do.	Fixed allowance, Rs. 60 per mensem for each.
* Asst. do.	
Assistant Traffic Managers on duty in Madras... ...	Presidency allowances, Rs. 50 per mensem—also batta allowance according to scale when employed out of Madras on duty. (Minutes of Meeting, 29th September 1881 and 30th January 1893.) An officer residing in Madras and attached to the head office, called upon to do special duty away from head-quarters will be paid the batta allowance according to scale as well as the Presidency allowance for the whole period during which such special duty lasts, subject to a limit of two months.
Assistant Traffic Manager ...	North-West Line allowance, Rs. 50 per mensem.
Chief Inspector (Police) ...	Fixed allowance, Rs. 60.
Police Inspectors	do. „ 15.
Locomotive Superintendent * ...	do. „ 105.
Travelling Auditors	do. „ 50 for each when not occupying Company's quarters.
Do. do.	do. „ 35 „ do. provided with do.
Pay Clerks	do. „ 7 „
Gymnastic Instructors	do. „ 8 „

Note.—The fixed allowances granted to officers marked with an asterisk * will only apply to officers who were permanently appointed to the service before the 7th October 1897—See Government of India Order No. 2589 G., Railway Branch, dated 23rd September 1897.

As a general rule, fixed travelling allowances cannot be drawn by officers during privilege leave, unless tents and horses are required for the due performances of their duties and are maintained at their expense, during their absence on privilege leave. Those officers who joined the service before 1st January 1897, and have been allowed under Board's letter No. 548 of 12th March 1875, to draw their fixed allowances when on privilege leave may continue to do so—*vide* Board's ruling in letter No. 951 of 9th April 1897, para. 11. This

concession and the concession in respect to fixed monthly allowances are limited to the following officers :—

Engineering Department	Mr. E. W. Stoney.
„ „	„ H. J. Thompson.
„ „	„ G. A. F. French.
„ „	„ J. M. Ewing.
„ „	„ Ross Chisholm.
„ „	„ F. A. Pawley.
„ „	„ A. B. Strange.
„ „	„ J. B. Duncan.
„ „	„ A. C. Gale.
„ „	„ C. E. Phipps.
Locomotive Department	„ F. W. Read.
Traffic Department	„ D. Ross-Johnson.
„ „	„ W. A. Wilkinson.
„ „	„ J. L. Taylor.
„ „	„ G. Wallington.
„ „	„ R. Greenall.
„ „	„ E. R. Ross.
„ „	„ R. E. Pigott.

3. When travelling on foreign lines, Rs. 5 per day in addition to home line allowance to all drawing salaries of Rs. 200 and upwards; double the home line allowance to all drawing less than Rs. 200 per mensem.

When travelling off the line of railway by road or canal, employés of the Company are entitled to mileage allowances in addition to the home line allowances as follows :—

First Class.—All officers of the Company ... 8 annas per mile.

Second Class.—Upper subordinates and employés drawing Rs. 100 a month and upwards ... ... 4 annas per mile.

Third Class.—Subordinates drawing less than Rs. 100 a month ... ... 2 annas per mile.

When it is necessary to incur tonga or cart hire on a journey on the Nilgiri Hills, the mileage allowances will be increased by 50 per cent. This is in accordance with the Civil Service Regulations, Chapter LI, para. 1251-2.

Cases in which the allowance when travelling on foreign lines or by road or by canal may prove insufficient will be dealt with specially at the Periodical Meetings.

4. Scale of FIXED MONTHLY BATTA to be drawn by officers of the Madras Railway engaged on Surveys or on Construction.

Designation or Class of Office.	Fixed monthly allowance.
	Rs.
Engineer-in-Chief	150
Officers drawing Rs. 750 and over	100
„ „ „ 350 and under Rs. 750	75

These fixed allowances are to cover all expenses of keeping up tents (supplied at first by Company), horses and conveyances and expenses incurred in moving about within the limits of a division or in visiting the Head-quarters stations.

The Board have ruled in their letter No. 951 of the 9th April 1897 that, when tents and horses required by officers for the due performance of their duties are maintained at their expense during their absence on privilege leave, the fixed travelling allowance may be drawn. A certificate in support of the claim for the allowance when on privilege leave must be submitted.

5. Scale of FIXED BATTA to be drawn by monthly paid subordinates of the Madras Railway engaged on Surveys or on Construction.

Designation or Class of Employés.	Fixed monthly rates.
	Rs.
Drawing Rs. 300 and above	50
„ „ 200 and under Rs. 300	40
„ „ 100 and under Rs. 200	30
„ „ 50 and under Rs. 100	20.
„ under Rs. 50	10

These fixed allowances are to cover all expenses of keeping up tents (supplied at first by Company), horses and conveyances and expenses incurred in moving about within the limits of a division or in visiting the Head-quarters stations.

An allowance of 25 and 15 per cent. on salaries is granted to Running Staff of the Traffic and Locomotive Departments living at Coonoor and Mettupalaiyam when engaged with trains on the Nilgiri Railway—*vide* Consulting Engineer's No. 3131 dated 18th November 1898.

RULES REGARDING BATTA ALLOWANCES WITH EXAMPLES.

Sanctioned at Official Meeting of the 25th June 1891.

1. The distinction between day and night batta is abolished.

2. Batta is claimable under the following rules :—

For absence from Head-quarters—
Not exceeding 6 hours ..... = *Nil.*
Exceeding 6 and not exceeding 12 hours... = half a day's batta.
And for every period of 12 hours or part
of 12 hours after the first ..... = half a day's batta.

In other words : an absence of

0 to 6 hours entitles to *no* batta.
Over 6 and up to 12 hours inclusive, to half a day's batta.
Over 12 and up to 24 „ „ „ full day's batta.
Over 24 and up to 36 „ „ „ 1½ days' batta.
Over 36 and up to 48 „ „ „ 2 days' batta, and so on.

3. Batta may only be drawn for actual absence from Head-quarters on duty.

4. An employé transferred temporarily, from one station to another, may not draw batta continuously for a longer period than two months: transfers for over two months will be treated as permanent.

5. Heads of Departments must see that every batta certificate shows clearly the date and hour of each departure and each return to Head-quarters : the Audit Office will disallow all batta drawn on certificates not giving the requisite information.

6. Batta certificates will continue to show the stations visited and the specific object of each journey, and these statements must be signed by the Head of the Department to which the employé belongs. When the claim is made by the Head of a Department, the certificate must be signed by the Agent and Manager.

RULES FOR REGULATING THE PAYMENT OF BATTA AND TRAVELLING ALLOWANCES TO WITNESSES WHILE ATTENDING COURT.

(1). Except in criminal cases, Company's servants attending Court as witnesses on behalf of the Company will be allowed both salary and batta, under the rules in force.

(2). In criminal cases connected with the Company's business or the Public good, salary will be paid by the Company, but batta must be recovered from the Court.

(3). In criminal cases tried by petty Courts advances of batta may be made by Heads of Departments upon receipt of a duplicate bill certified as admitted under signature of the Magistrate.

(4). In Court cases other than those above enumerated the Company will pay neither salary nor batta.

SICK LEAVE TO SUBORDINATE SERVANTS.

Minutes of Official Meeting, dated 28th November 1878.

It shall be competent for Heads of Departments to grant each servant one month's sick leave during each year of service with full pay.

Sick leave will not be allowed for a longer period than three *consecutive months*, but leave beyond *one month* and the salary to be granted during such leave will be subject to the approval of the Agent and Manager.

In no case will a servant be allowed more than a moiety of his salary when his leave is extended beyond one month ; but should it be found necessary to employ a substitute, and one be not procurable for the remaining moiety of the absentee's salary, the absentee will in that case receive only the difference between the amount paid to the substitute, and the salary of his appointment.

Minutes of Official Meeting, dated 26th June 1896.

In future cases, when men have received during the two preceding years grants of half pay while on sick leave over and above the one month's full pay in each year granted departmentally, application for half pay will not be entertained unless under special circumstances and specially recommended by the Head of the Department.

EXTRACT *from Agent and Manager's No.* 5114 *of the 7th November* 1883.

Applicable to the employés of all departments on fixed monthly salaries—*vide* Agent and Manager's No. 5816 of 18th December 1883 * * * employés obliged to remain away from their work owing to members of their families being laid up with any infectious disease, should be in all ways treated as if they were themselves ill and from that cause unable to come to work.

FOREMEN AND COVENANTED SUBORDINATES.

PRIVILEGE LEAVE.

Minutes of Official Meeting, dated 24th March 1891.

The Agent may grant to Foremen and Covenanted subordinates of all departments one month's privilege leave in each year cumulative to the extent of three months in addition to the sick leave under the rules for sick leave to subordinates, with this exception that those eligible for privilege leave under this rule will in no case draw more than half pay for sick leave.

Leave under this rule is subject to all the conditions applicable under the Company's rules to the grant of privilege leave.

UPPER SUBORDINATES.

PRIVILEGE LEAVE.

The Agent and Manager is authorised to grant to all monthly paid upper subordinates drawing Rs. 200 and upwards two months' cumulative leave on full pay when such leave is spent in India and three months' cumulative leave when such leave is to be spent in Europe or in the Australian Colonies—*vide* para. 9 of Board's letter, No. 926, dated 25th October 1895.

Those eligible for privilege leave under this rule will in no case draw more than half pay for sick leave: leave under this rule is subject to all the conditions applicable under the Company's rules to the grant of privilege leave—*vide* Minute No. 10 of Minutes of Official Meeting, dated 28th February 1896.

FURLOUGH OR SPECIAL LEAVE.

Furlough or special leave to England sanctioned at Official Meeting to Covenanted Foremen and Subordinates will carry with it half pay and Exchange compensation allowance when admissible—*vide* paragraph 16 of Board's letter, No. 904, dated 28th September 1894, and Minutes of Official Meeting, dated 10th December 1894.

PAYMENT OF LEAVE ALLOWANCES IN EUROPE TO EMPLOYES WHO ARE NOT IN RECEIPT OF EXCHANGE COMPENSATION ALLOWANCE, AT 1*s.* 6*d.* PER RUPEE.

All employés of Railway Companies who do not draw Exchange compensation allowance shall be permitted to draw their furlough and sick leave allowances in Europe, at the privileged rate of 1*s.* 6*d.* to the rupee, subject to the proviso that the calculation of furlough and sick leave allowances of those who draw an increase to their pay in lieu of Exchange compensation allowance shall be based on their pay exclusive of such allowance—*vide* G. O., No. 74 R., dated 15th January 1898, and Board's letter, No. 970, dated 11th March 1898.