

1894
Public Works (190—) Department.

RAILWAYS.

G.O., No. 64-65 R.

DATED 26-1-1894 190 .

[Despatch Abstract.]

Establishment Rolls, Madras
Railway for the half year ending
30th June 1894 The
approved and copies directed
to be forwarded to the Railway
Department of India
Endorsement to the Govt. of India

Indexed

[illegible]

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

For Agent Managers

31572R

399

MADRAS RAILWAY.

From
The Agent and Manager,
M. R. Co.

To
The Consulting Engineer
for Railways.

Dated
1894

Recd.

No.

B. No 64-5 R of 26-1-94

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the Agent &
Manager Madras Railway
submitting establishment
list in R for the half
year ending 30 June 1894

H. E. No 7741
65 of 24 January 94

Approved

2. Three copies of the Est
list, Madras Railway, will
be forwarded to the Govt
of India.

H. E. No 65 R of 26 Jan 1894
Forwards.

JMU

26/1/94 R

To the Agent & Manager, Madras Railway,
for the half year ending 30 June 1894.

DESPATCHED

29 JAN 94

B

Ad 48
14/3/94
S.

All communications
should be addressed
to the Secretary.

No. 204 P.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
GENERAL.

TO

The Joint Secretary to the Government of Madras,
Public Works Department, Railway Branch.

Calcutta, the 26th March 1904.

Sir,

With reference to the Establishment Rolls and Work-
ing Estimates of the Madras Railway for the half year end-
ing 30th June 1904, received under cover of your L.O. No. R.
dated 26th January 1904, I am directed to point out that the
maximum salary of Mr. Pigott, Assistant Telegraph Engineer,
being Rs. 300, the amount in the column "Monthly salary"
against his name in Abstract B page 51 of the Rolls should
be Rs. 300 and not Rs. 302 as shown.

I have the honor to be,

Sir,

Your most obedient servant,

L. H. Wood

Offg. Under Secy. to the Govt. of

Enclosed herewith are:-

Nil.

2.C. 1/11

W. H. CERNY No. 2841

Order No. 56

No 883
16.3.94

*Copy to AM and CR for
information.*

Recd
10/3/94
W.H. C. E.R.

E.R. for proposal.

Madras Railway Company.

ESTABLISHMENT ROLLS AND WORKING ESTIMATES

FOR THE

Half-year ending 30th June, 1894.

WEST AND COMPANY, MACHINE PRINTERS, MADRAS.

MADRAS RAILWAY.

Length 839 Miles. 17 Chs. 65 Feet. Mean Length.
Abstract of the Cost of Working and maintaining the open Line, together with the estimated earnings for the Half-year 30th June, 1894.

EXPENDITURE.					EARNINGS.						
Actuals for Half-year June, 1893.	Percent on gross earnings.	Abstract.	Page.	Sanctions for Half-year Dec., 1893.	Percent on gross earnings.	Estimate.	Percent on gross earnings.	Actuals for Half-year June, 1893.	Abstract.	Sanctions for Half-year Dec., 1893.	Estimate.
Re.				Re.		Re.		Re.		Re.	Re.
4,07,931	7.72	To Maintenance of Way, Works and Stations	4-17	5,83,992	12.17	5,92,930	11.10	20,32,392	II	19,25,000	20,00,000
10,19,860	19.29	.. Locomotive expenses	18-27	10,37,015	21.55	9,90,791	18.67	31,58,363	I	29,00,000	32,50,000
2,44,413	4.62	.. Carriage and Wagon expenses	18-28	8,63,259	7.53	4,04,998	7.69				
4,42,083	8.26	.. Traffic expenses	30 & 32	4,40,382	9.15	4,50,634	8.44	10,012	..	9,000	10,000
2,86,717	5.42	.. General charges	31-41	2,80,370	5.42	2,81,340	5.33		..		
...	...	.. Steam-boat service	...	...	...	...	...	...	J	...	...
44,615	8.5	.. Special and Miscellaneous expenditure	59	50,300	1.23	54,310	1.02	85,945	K	81,000	50,000
24,45,703	46.26			27,69,307	57.50	27,81,270	52.14				
29,41,000	53.74	.. Balance net earnings		20,46,693	42.50	25,55,730	47.46				
52,86,714	100.00	TOTAL...		48,15,000	100.00	53,40,000	100.00	52,86,714		48,15,000	53,40,000
Miles. 1,300,819		Train Mileage...		Miles. 1,250,000		Miles. 1,320,000		242	Gross earnings per mean mile per week	221	245

LOUIS S. MOSS,
Agent and Manager.

F. R. UPCOTT,
Consy. Engineer for Railways.

EXPLANATORY NOTE.

*Comparison with sanction for previous Half-year:—*Abstract A. Maintenance of Way, and Works shews an increase of Rs. 6,968, due to salaries for Engineers being provided under the new scale, as well as to extra provision made for materials under "Maintenance and Renewal of Permanent way" and "Repairs of Stations and Buildings." There is a decrease under "rents" and carriage of "Revenue stores."

Abstract B shews a decrease of Rs. 40,224 due to provision in former half-years being made for new K. (A₂) class Engines: present estimates are about normal. Increased provision made under the following heads, Locomotive Superintendent, 2nd Assistant, Spring Smith and full salary for Draughtsman and Uncovenanted Drivers, Fuel and Oil. There is a decrease under "Rents."

Abstract C. shews an increase of Rs. 39,738 due to provision for renewals of 10 third class Carriages (see note q. page 29) and consequent increase under General Superintendence.

Abstract D. shews an increase of Rs. 10,452 due to provision being made to maintain Tarpaulins and slight increases to extra staff to be employed at stations and on account of new Train service. There is a decrease under "Contingencies," no provision being required for "Rents."

Abstract E. shews an increase of Rs. 4,019 due to petty increases of pay provided under General Offices, 4 Extra Clerks for new work in Chief Auditor's Office, as well as full salary for Telegraph Engineer, personal Allowance for the Assistant Engineer, extra Telegraph expenses, and "Loss by Exchange." There are savings under Medical Officer and "Rents."

Abstract G. there is a decrease of Rs. 4,990 due to decreased provision under "Rates and Taxes" and extra provision made to meet probable increase under Provident Institution.

2.—*Comparison with actuals:—*The net increase over the actuals stands at Rs. 3,38,565 as per particulars below.

	Rs.	
Maintenance of Way and works	1,84,969 a.	Chiefly due to the credit on account of old rails &c., (vide note e page 15) as well as increased provision for rails &c (vide note a, page 15.)
Carriage and Wagon	1,60,583 b.	Includes cost of 10 3rd class carriages and 100 covered Goods Wagons (vide note q. page 29.)
Traffic Expenses	8,751 c.	Includes expenditure for maintenance of Tarpaulins (see note i page 39.)
Abstract G.	9,665 d.	Expenditure under actuals abnormally low.
	3,63,968	
Decrease under Locomotive expenses Rs. e. 23,075	...	e. Decrease chiefly under VI Maintenance and Renewals of Engines &c.
Abstract E.	2,328 25,403	
	Rs. 3,38,565	

3. Comparison with budget estimate as under:—

1. June quarter 1893, actuals	Rs. 13,63,731
2. December Rolla	27,68,307
3. March quarter 1894, proportion of June 1894.	12,67,335

53,99,373

Budget estimate sanctioned

54,00,000

MADRAS RAILWAY.

ABSTRACT A.

Engineering Department.

Maintenance of Way, Works and Stations,
Authorizations for the Half-year ending 30th June, 1894.

EXPLANATORY NOTE.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for the Half-year, 30th June, 1893.
			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—									
Chief Engineer ...	...	1500—1800	1	2,027	11,912	1	2,027	12,164	
Personal Allowance ...	...	• 227							
Deputy Chief Engineer...	...	864	1	1,164	6,982	1	1,164	6,982	
Special Allowance ...	...	300							
Assistant Engineer ...	3rd class.	350—500	1	364	2,184	1	400	2,400	
Resident Engineers ...	1st class.	750—900	2	1,909	11,455	3	2,432	14,592	
Personal Allowance ...	...	† 182							
Resident Engineers ...	2nd class.	550—700	2	1,205	5,253	3	1,725	10,350	
Do. ...	3rd class.	350—500	3	1,365	7,925	2	850	5,100	
Do. ...	4th class.	320—364	1	364	2,184	...	...	...	
Temporary Engineer ...	3rd class.	410	1	410	2,460	1	410	2,460	
Sub-Assistant Engineer...	...	250	1	250	1,500	1	250	1,500	
Engineering Assistant ...	...	200	1	200	1,200	1	200	1,200	
Total I—(1)...	...	...	14	...	53,055	14	...	56,748	50,429
2. Allowances of Engineers including Travelling ...					6,300			6,300	5,579
3. Subordinate Superintendents—									
Permt. Way Inspectors...	1st class.								
Do. ...	1st grade.								
Do. ...	2nd grade.	101—200	26	4,010	24,060	26	4,010	24,060	
Do. ...	2nd class.								
Do. ...	2nd grade.								
Do. ...	3rd class.	100	8	800	4,800	8	800	4,800	
Carried over...	...	...	34	...	28,860	34	...	28,860	...
	...	...	14	...	59,955	14	...	63,048	56,008

* Sanctioned to Mr. Carter in G. of I. No. 4,028 G. of 23-12-92, Madras G. O. 68 R, of 16-1-93.

† Sanctioned to Mr. Stoney in G. O. No. 1,914 of 17-7-91 Madras G. O. 1758 R, of 31-7-91.

a. According to the new scale vide Minute No. 59 of 27-10-93.

a. According to the new scale the salary of Messrs. E. W. Stoney, G. A. F. French and H. J. Thompson has been increased to Rs. 900 each as 1st class Engineers. Mr. Thompson on furlough draws half pay.

b. According to the new scale the salary of Mr. J. M. Ewing has been increased to Rs. 625, and that of Messrs. Ross Chisholm and F. A. Pawley to Rs. 550 each as 2nd Class Engineers.

c. According to the new scale the salary of Mr. A. B. Strange has been increased to Rs. 500 and provision made for the new Engineer in place of Mr. F. C. Buscarlet at Rs. 350, as 3rd Class Engineers.

MADRAS RAILWAY.

ABSTRACT A.

Engineering Department—(continued).

Maintenance of Way, Works and Stations,
 Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for the Half-year, 30th June, 1893.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	{ ...	...	...	...	59,355	...	...	63,048	56,008
1st General Superintendence.—(Continued)	{ ...	...	34	...	28,860	34	...	28,860	...
2. Subordinate Superintendents.—									
Probationary Inspectors.	...	75	5	1,585	9,510	5	1,585	9,510	
Sub-Inspectors	...	50	7			7			
Inspectors' Assistants ... 1st Grade.	...	40	14			14			
Do. ... 2nd Grade.	...	30	10			10			
Inspector of Station Machinery ...	...	300-350	1	325	904	1	325	975	
Inspector of Points and Crossings and Signals.	...	250-300	1	300	1,775	1	250	1,500	
Bridge Inspector	...	250	1	250	1,500	1	250	1,500	
Terminal Work Shops Superintendent	...	101-200	1	200	1,200	1	200	1,200	
Total 1—(3)...	...	...	74	...	43,749	74	...	43,545	38,305
4. Allowances of Subordinate Superintendents including Travelling...	...	...	...	...	1,300	...	...	1,300	950
5. Overtime Allowances	...	...	...	...	...	...	...	...	...
6. Office Expenses—									
Chief Engineer's Office—									
Chief Clerk ...	...	225	1	225	1,350	1	225	1,350	
Clerks ...	...	100 & below	23	990	5,940	24	990	5,940	
Superintendent of Drawing Office ...	...	250	1	250	1,500	1	250	1,500	
Draftsmen ...	...	100 & below	19	680	4,080	19	680	4,080	
Menials ...	...	...	20	145	870	20	145	870	
Carried over ...	{ ...	...	64	...	13,740	65	...	13,740	13,461
	{ ...	...	...	...	1,04,404	...	...	1,07,693	95,263

d. Provision for 3 months' full salary to Mr. Blake the other 3 months' pay to be included in the Traffic List.

e. New appointment made by Board.

• While the total amounts of each Abstract will be found to agree with the Revenue account for the half year ending 30th June 1893, the actuals given under sub-heads do not agree in some cases owing to the transfer (under the revised form of Establishment List) of individuals from one sub-head to another: in this particular instance the difference (Rs. 720) is caused by the transfer of a Book-keeper from Subordinate Superintendence to Office Expenses.

f. One Extra Clerk provided, the amount remaining the same.

g. Includes Rs. 720 being Gratuities paid to V. S. Moonusawmy Pillay and C. Govindarajulu Naidoo.

MADRAS RAILWAY.

ABSTRACT A.

Engineering Department.—continued.

Maintenance of Way, Works and Stations,
 Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for the Half-year, 30th June, 1893.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward.	...	...	...	...	1,04,404	...	...	1,07,893	95,263
6th Office Expenses.—Contd.	...	...	...	...	13,740	...	...	13,740	13,461
Resident Engineer's Office.									
1st Division S. W. Line.									
Clerks, Time-keeper and Inspectors' Writers ...	...	100 & below	9	230	1,380	9	230	1,380	
Store-keeper ...	...	50	1	50	300	1	50	300	
Peons ...	...	...	2	14	84	2	14	84	
	...	...	12		1,764	12		1,764	1,630
2nd Division S. W. Line.									
Clerks, Time-keeper and Inspectors' Writers ...	...	100 & below	8	190	1,140	8	190	1,140	
Store-keeper ...	...	50	1	50	300	1	50	300	
Peons ...	...	...	2	14	84	2	14	84	
	...	...	11		1,524	11		1,524	1,503
3rd Division S. W. Line.									
Clerks, Time-keeper and Inspectors' Writers ...	...	100 & below	8	190	1,140	8	190	1,140	
Store-keeper ...	...	50	1	50	300	1	50	300	
Peons ...	...	...	2	14	84	2	14	84	
	...	...	11		1,524	11		1,524	1,524
Carried over...	...	...	...	...	18,552	...	...	18,552	18,118
	...	...	...	...	1,04,404	...	...	1,07,893	95,263

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT A.

Engineering Department.—(continued)

Maintenance of Way, Works and Stations,
 Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for the Half-year 30th June, 1893.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	1,04,404	...	...	1,07,893	95,263
6th Office Expenses.—Contd.	...	...	...	...	18,552	...	...	18,552	18,118
Resident Engineer's Office.— (Continued.)									
4th Division S. W. Line.									
Clerks, Time-keeper and Inspectors' Writers ...	...	100 & below.	10	228	1,368	10	228	1,368	
Store-keeper ...	...	50	1	50	300	1	50	300	
Peons ...	...	...	2	14	84	2	14	84	
			13	...	1,752	13	...	1,752	1,724
1st Division N. W. Line.									
Clerks, Time-keeper and Inspectors' Writers ...	...	100 & below.	11	280	1,680	11	280	1,680	
Store-keeper ..	...	50	1	50	300	1	50	300	
Peons ...	...	...	3	21	126	3	21	126	
			15	...	2,106	15	...	2,106	1,995
2nd Division N. W. Line.									
Clerks, Time-keeper and Inspectors' Writers ...	...	100 & below.	10	240	1,440	10	240	1,440	
Store-keeper ...	...	50	1	50	300	1	50	300	
Peons ...	...	...	2	14	84	2	14	84	
			13	...	1,824	13	...	1,824	1,782
Terminal Works.									
Clerks, Time-keepers and Inspectors' Writers ...	...	100 & below.	5	85	510	5	85	510	
Store-keeper ...	...	50	1	50	300	1	50	300	
Lascars ...	...	...	3	20	120	3	20	120	
			9	...	930	9	...	930	834
Carried over...	...	...	...	...	25,164	...	...	25,164	24,453
	...	...	...	...	1,04,404	...	...	1,07,893	95,263

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT A.

Engineering Department.—(concluded.)

Maintenance of Way, Works and Stations,
 Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for the Half-year, 30th June, 1893.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.			Rs.	Rs.
Brought forward...	...	...	...	...	1,04,404	...	...	1,07,893	95,263
6th Office Expenses.—Contd.	...	...	...	...	25,164	...	...	25,164	24,453
Terminal Workshops.									
Book-keeper ...	...	120	1	120	720	1	120	720	
Clerks, Time-keepers and Loading Clerks, &c. ...	...	100 & below.	17	268	1,728	17	268	1,728	
Peons and Watchmen ...	...	...	8	56	336	8	56	336	
		...	26	...	2,784	26	...	2,784	2,658
General									
Allowances of Rent ...	...	...	...	...	2,500	...	...	A	2,381
Travelling Allowances of other subordinates ...	...	...	...	...	400	...	...	400	408
Contingencies ...	...	...	...	...	6,500	...	...	6,500	10,929
Stationery ...	...	...	...	...	2,500	...	...	2,500	2,365
Total I—(6)...	...	...	...	...	39,848	...	...	37,348	43,194
Grand Total Rs...	...	...	...	...	1,41,252	...	...	1,45,241	1,38,457

EXPLANATORY NOTE.

A. Unrecovered balance of Rent is no longer charged to Working expenses vide Minute No. 47 of 24-8-93.

* See note * on page 7.

MADRAS RAILWAY

ABSTRACT A.

Engineering Department.—(concluded).

Maintenance of way, works and stations for the Half-year ending
30th June, 1894.

PARTICULARS.	Sanctions for the previous Half Year.		Estimate.		Actuals for the Half-Year 30th June, 1893.	
	Amount.	Total.	Amount.	Total.	Amount.	Total.
Brought over...	...	Rs. 1,44,252	...	1,45,241	...	Rs. 1,38,457
2nd.—Maintenance and Renewal of Permanent Way.						
(1)—Wages	1,37,259	...	1,36,912	...	1,32,800	...
(2)—Materials	1,69,236	3,06,495	1,76,315	3,13,227	1,26,027	2,64,827
3rd.—Repairs of Bridges, &c., Wages and Materials.						
(1)—Bridges and Tunnels ...	12,400	...	12,150	...	23,275	...
(2)—Miscellaneous, including Earth-work, Roads, Fencing, &c. ...	25,910	38,310	26,000	39,150	29,677	52,952
4th.—Repairs of Stations & Buildings. Wages & Materials.						
(1)—Repairs of Buildings of every description, including Station yards and Signals, but excepting Quarters for the Staff ...	43,065	...	46,449	...	61,820	...
(2)—Repairs of Staff Quarters ...	16,700	32,705	16,750	63,150	19,214	81,034
5th.—Maintenance by Contract						
(1)—Amount paid to Contractors ...	...	...	...	...	...	...
(2)—Materials supplied by the Company	...	...	...	...	...	...
6th.—New Minor Works	12,595	12,595	11,055	11,055	7,893	7,893
7th.—Unclassified Expenditure.						
(1)—Plantations	1,525	...	1,475	...	1,274	...
(2)—Tools and Plant	4,450	...	4,100	...	3,369	...
(3)—Loss on Stores	550	...	550	...	...	...
(4)—Loss by Exchange	60,000	...	60,000	...	35,952	...
(5)—Carriage of Revenue Stores ...	33,250	99,575	30,832	97,657	23,451	64,046
Total Abstract A. Maintenance of Way, Works, and Stations.		6,60,982	...	6,67,950	...	6,69,209
Less Value of Stores returned to Stock		75,000	...	75,000	...	2,61,228
Total Rs.		5,85,982	...	5,92,950	...	4,07,981
Cost of Maintaining a Mile of track including sidings	...	560	...	560	...	403

EXPLANATORY NOTE.

a. Extra provision made for Rails on 2nd Division N. W. Line. Rs. 25,000, provided for Stone Ballast on the S. W. Line. Sand Ballast to make up to full section wherever required on S. W. and N. W. Lines, based on expenditure of previous years. Also includes Rs. 2,600 for proportion of General Stores Working Expenses.

b. No special provision made.

c. Extra provision Rs. 2,000 made for Terminal Works and Rs. 1,200, on 1st Division N. W. Line in accordance with previous expenditure.

d. This abnormal expenditure is not anticipated in the next half-year.

e. Credits for old Rails and 2nd hand Materials, Tools, Plant, &c., taken into stock with value. Past half year's abnormal credit will not occur again.

MADRAS RAILWAY.

APPENDIX A to Maintenance Estimates (not for Audit purposes)
For the Half-year ending 30th June, 1894.

Miles Maintained.							Departmentally.	By Contract.	Total.				
							Ms.	Chs.	Ft.		Ms.	Chs.	Ft.
Railway Lines	...	...	{	Double	...	...	42	32	31 1/2 x 2		84	65	3
							796	65	30 1/2		796	65	30 1/2
Sidings	...	...	...	...	...	...	130	27	55		130	27	55
Total single track including sidings..											1,011	78	22 1/2

Description of Work.	Amount.	Total.	REMARKS.
II.—MAINTENANCE & RENEWAL OF PERMANENT WAY.			
1. Wages.			<i>Ordinary Gangs consisting of—</i> 308 Gang Maistries aggregate monthly pay ... 3,517 2,220 Gang Coolies do. ... 11,610 15,127 × 6 = 90,762 (1)
(1.) 308 Gangs	90,762		<i>Extra Gangs consisting of—</i> 18 Gang Maistries aggregate monthly pay ... 180 108 Gang Coolies do. ... 648 825 × 6 = 4,950 (2)
(2.) 18 Extra Gangs	4,968		
(3.) Establishment	41,100		<i>Establishment.</i> Rs. A. 31 Section Maistries ... 577 0 3 Workshops' Maistries ... 90 0 3 Carpenter Maistries ... 82 0 20 Carpenters ... 353 0 4 Blacksmith Maistries ... 107 0 20 Blacksmiths ... 339 0 20 Hammermen ... 147 0 22 Bellows' Boys ... 99 0 6 Tinkers ... 106 0 5 Filers ... 56 0 6 Painters ... 105 0 12 Engineers' Lascars ... 64 0 4 Store Lascars ... 28 0 46 Store Watchmen ... 313 0 35 Store Coolies ... 206 0 486 Line Watchmen ... 3,017 0 20 Bridge Watchmen ... 138 0 2 Patrolling Watchmen ... 30 0 7 Staff Bungalow Peons ... 52 0 Proportional amount of Wages of Arkonam Depot Staff ... 121 0 Repairs to Turn Tables & Water Columns ... 650 0 Acting allowance for Extra men in case of sickness ... 70 0 Loading & Unloading Materials ... 50 0 6,650 × 6 = 41,100 (3)
Laying New Permanent Way	82	1,36,912	
2. Materials.			
(4.) Ballast	48,582		
Rails	81,100		
Sleepers	43,623		
Laying New Permanent Way.	410		
Proportion of General Stores Working expenses	2,600	1,76,315	
Total head II Abstract A, page 14		3,13,227	Sand Ballast ... 23,582 Broken Stones ... 25,000 48,582 (4)

MADRAS RAILWAY.

ABSTRACTS B. AND C.

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for Half-year June, 1893.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
1.—General Superintendence.		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
1. Salaries of Superintendents and Assistants.									
Locomotive and Carriage Superintendent ...	...	1,000-1,600	1	545	3,305	1	1,050	a 6,945	...
Personal allowance ...	...	...	...	...	7	...	...	a ...	...
Acting Locomotive & Carriage Superintendent ...	...	...	1	1,032	6,222	...	...	...	...
Personal allowance ...	...	...	...	113	668	...	...	...	...
Deputy Locomotive & Carriage Superintendent ...	...	700-900	...	800	52	1	800	4,800	...
Acting do. do. ...	...	...	1	675	4,006	...	...	...	...
1st Asst. do. do. ...	...	500-600	...	550	35	1	550	3,300	...
Ag. Asst. do. do. ...	...	...	1	475	2,819	...	...	...	...
2nd Asst. do. do. ...	...	350-450	...	400	26	1	400	b 2,411	...
Deduct Chargeable to Capital.	...	...	4	...	17,140	4	...	17,456	• 16,825
Total I (1)...	...	...	4	...	17,140	4	...	17,456	16,825
2. Allowances of Superintendents and Assistants Including Travelling ...	...	...	...	163	980	...	...	980	• 823
3. Subordinate Superintendents.									
Perambur Workshops.									
Foreman Erecting Shop ...	...	350	1	350	2,100	1	350	2,100	...
Erector and Fitter ...	...	237	1	237	1,422	1	237	1,422	...
Personal Allowance ...	...	...	...	...	...	...	34	c 1,620	...
Foreman Machine Shop ...	...	350	1	350	2,100	1	350	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 ...	...	237	1	237	1,422	1	237	1,422	...
Foreman Carriage Shop ...	...	350	1	350	2,100	1	350	2,100	...
Carried over ...	...	...	7	...	12,144	7	...	12,642	...
	...	...	4	...	18,120	4	...	18,456	17,648

EXPLANATORY NOTE.

a. Mr. Phipps receives increase of Rs. 273 on the 17th May 1894, under agreement.

a1. No provision made, Vide Minute No. 47 of 24th August, 1893.

b. Mr. Stanley receives increase of Rs. 25 on the 18th June 1894, under agreement.

• See note • on page 7.

• Do.

c. Sanctioned to Mr. Oulton, O., of I. No. 2,118 G. 11th August 1893, and Madras G. O. 25th August 1893, No. 1,130 R.

MADRAS RAILWAY.

ABSTRACTS B. AND C.—(continued.)

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for Half-year June, 1893.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
Brought forward ...		Rs.	4	Rs.	Rs.	4	Rs.	Rs.	Rs.
				...	18,120		...	18,436	17,649
1.—General Superintendence.—Continued.			7	...	12,444	7	...	12,642	...
3. Subordinate Superintendents.—Continued.									
Carriage Builder ...	...	237	1	237	1,422	1	237	1,422	...
Personal allowance ...	...	...	...	48	293	...	48	268	...
Carriage Painter ...	...	237	1	237	1,422	1	237	1,422	...
Foreman Smith Shop...	...	350	1	350	2,100	1	350	2,100	...
Blacksmith ...	...	300	1	250	1,500	1	250	1,500	...
Springsmith ...	...	215-240	1	215	1,290	1	240	1,328	...
Foreman Foundry ...	...	350	1	350	2,100	1	350	2,100	...
Running Shed.									
Foreman Madras ...	...	350	1	350	2,100	1	350	2,100	...
Foreman Jalarpet ...	...	350	1	325	1,950	1	325	1,950	...
Foreman Salem ...	...	350	1	300	1,800	1	300	1,800	...
Foreman Podanur ...	...	350	1	350	2,100	1	350	2,100	...
Personal allowance ...	...	...	...	27	162	...	...	...	...
Foreman Renigunta ...	...	350	1	300	1,800	1	300	1,800	...
Foreman Gouty...	...	350	1	350	2,100	1	350	2,100	...
Foreman Bangalore ...	...	350	...	...	...	...	...	...	...
Foreman Raichur ...	...	350	...	...	...	...	...	...	...
Fuel Inspector ...	...	250	1	250	1,500	1	250	1,500	...
Deduct Chargeable to Capital.	...	...	20	...	36,073	20	...	36,212	37,951
Total I (3)...	...	...	20	...	36,073	20	...	36,212	37,951
4. Allowances of Subordinate Superintendents Including Travelling ...	...	...	...	...	1,300	...	...	1,300	1,390
5. Overtime ...	...	...	...	...	...	...	...	...	...
Carried over...	...	...	24	...	55,498	24	...	55,948	56,979

EXPLANATORY NOTE.

d. Sanctioned to Mr. Morse by G. of I. No. 470 R. T. of 18-8-92, and Madras G. O., 7th December, 1889, No. 1359 R. and 2130 R. of 1-9-92.

e. Springsmith Smith receives increase of Rs. 25 on the 4th March 1894, under agreement.

ei. Allowance not provided, vide Minute, No. 47 of 24th August 1893.

f. Wrong sanction recorded against this station last Establishment List.
g. Replaced temporarily by Driver in charge.

• See note * on page 7.

• Do.

MADRAS RAILWAY.

ABSTRACTS B. AND C.—(continued.)

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year June, 1893.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
Brought forward...	...	Rs.	24	...	55,498	24	...	55,918	Rs. 56,979
1—General Superintendence.									
(6) Office Expenses.									
Locomotive and Carriage Superintendent's Office ...									
Chief Draughtsman ...	...	350	1	350	1,992	1	350	2,100	...
Accountant ...	...	250	1	250	1,200	1	200	1,200	...
Chief Clerk ...	...	250	1	250	1,500	1	250	1,500	...
Clerk ...	...	101-200	1	125	750	1	125	750	...
Clerks ...	...	100&below	80	2,350	14,100	80	2,350	14,100	...
Draughtsman ...	...	257	1	150	900	1	257	1,422	...
Menials ...	...	...	17	138	828	17	138	828	...
...	...	...	102	...	21,270	102	...	21,900	...
Locomotive Stores, Perambur Storekeeper ...	...	200	1	200	1,200	1	200	1,200	...
Travelling allowance ...	...	...	...	...	320	...	...	320	...
Contingencies, Stationery and Printing, Hotweather Establishment and Stores ...	...	...	...	...	3,600	...	...	3,600	...
Total I—(6)...	...	...	104	...	25,790	104	...	25,120	427,157
Total I Genl. Superintendence	...	...	127	14,312	81,288	127	...	782,368	84,136
Chargeable to Carriage and Wagon Expenses Carried over to page 28 ...	...	...	...	...	16,258	...	...	24,710	*19,278
Chargeable to Locomotive Expenses Carried over ...	...	...	...	...	65,030	...	...	57,658	*65,958

EXPLANATORY NOTE.

A. Appointment being vacant it is proposed to obtain a new man on maximum sanctioned pay.

i. Includes Rs. 1,320, Gratuity paid to 5 Clerks.
• See note • on page 7.

j. The charges under this head have been apportioned as under.
Locomotive Expenses 70 per cent.
Carriage and Wagon Expenses 30 per cent.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for the Half- year, June, 1893.																																				
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.																																					
Brought forward ...		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.																																				
			...	...	65,030	...	...	57,658	65,858																																				
II.—Running Expenses (Wages connected with the working of Locomo- tive Engines.)																																													
1. Wages of Drivers & Firemen																																													
Drivers Covenanted (in charge)	...	250	1	250	1,500	1	250	1,500	...																																				
Do. do.	...	218	1	218	1,309	1	218	1,309	...																																				
Do. do.	...	218	1	218	1,309	1	218	1,309	...																																				
Do. do.	...	219	1	219	1,208	1	219	1,314	...																																				
Do. do.	...	219	1	219	1,193	1	219	1,314	...																																				
Do. uncovenanted (in charge)	...	250	...	...	...	3	750	4,500	...																																				
Do. do.	...	101-200	79	...	71,273	85	...	167,218	...																																				
Do. do.	...	100 & below	41	...	12,337	45	...	113,541	...																																				
Firemen uncovenanted	...	100 & below	240	...	30,690	260	...	133,248	...																																				
Total II—(1)...	...	...	363	...	(11) 1,20,819	398	...	(12) 1,25,251	1,15,511																																				
2. Overtime Allowances. ...	...	...	...	...	40,000	...	...	40,000	41,704																																				
3. All labor connected with fueling, cleaning & look- ing after Engines in yard.	...	...	...	...	26,000	...	...	26,000	*25,359																																				
4. Contingent Expenses in- cluding clothing and tra- velling expenses... ..	...	...	...	...	400	...	...	400	155																																				
Total II Running Expenses...	...	...	...	...	1,87,219	...	...	1,91,653	*1,82,759																																				
III.—Fuel.																																													
<table><tr><th colspan="3">Actuals.</th><th colspan="3">Estimate.</th></tr><tr><th>Tons.</th><th>Cwt.</th><th>lbs.</th><th>Tons.</th><th>Cwt.</th><th>lbs.</th></tr><tr><td>10,613</td><td>3</td><td>391</td><td>Coal.</td><td>10,000</td><td>...</td></tr><tr><td>...</td><td>...</td><td>...</td><td>" Coke.</td><td>...</td><td>...</td></tr><tr><td>21</td><td>6</td><td>863</td><td>Petrol Fuel.</td><td>350</td><td>...</td></tr><tr><td>42,615</td><td>...</td><td>1001</td><td>Wood</td><td>13,671</td><td>...</td></tr></table>										Actuals.			Estimate.			Tons.	Cwt.	lbs.	Tons.	Cwt.	lbs.	10,613	3	391	Coal.	10,000	...	...	...	...	" Coke.	...	...	21	6	863	Petrol Fuel.	350	...	42,615	...	1001	Wood	13,671	...
Actuals.			Estimate.																																										
Tons.	Cwt.	lbs.	Tons.	Cwt.	lbs.																																								
10,613	3	391	Coal.	10,000	...																																								
...	...	...	" Coke.	...	...																																								
21	6	863	Petrol Fuel.	350	...																																								
42,615	...	1001	Wood	13,671	...																																								
Carried over ...	...	...	...	...	3,90,815	...	...	6,17,677	5,97,027																																				

3.48,410

MADRAS RAILWAY.

ABSTRACT B.

Locomotive Expenses.—(concluded.)

Authorizations for the Half-year ending 30th June, 1891.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for the Half-year, June, 1891.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	5,90,815	...	...	6,17,677	5,97,027
IV.—Water (including Wages and Stores).	...	...	...	...	14,000	...	...	14,000	13,054
V.—Oil, tallow and other stores expended on Engines in work.	...	...	...	...	22,000	...	...	25,000	21,467
VI.—Maintenance & Renewals of Locomotive Engines.									
1. Wages ...	...	...	...	...	1,04,200	...	...	1,05,000	
2. Overtime ...	...	...	...	...	8,000	...	...	8,000	
3. Materials ...	...	...	...	...	1,51,500	...	...	1,50,614	
	...	...	...	...	2,63,700	...	...	1,95,614	2,40,051
VI A.—Maintenance and Renewals of Machinery Tools and plant.									
1. Wages ...	...	...	...	...	32,000	...	...	32,000	
2. Overtime ...	...	...	...	...	6,000	...	...	6,000	
3. Materials ...	...	...	...	...	8,500	...	...	8,500	
	...	...	...	...	46,500	...	...	46,500	50,791
VII.—New Minor Works.	...	...	...	...	1,500	...	...	1,500	1,500
VIII.—Payments to other Lines.									
Haulage of trains ...	...	...	...	...	...	...	...	...	...
IX.—Unclassified Expenditure.									
1. Loss on Stores, &c. ...	...	...	...	...	1,000	...	...	1,000	
2. Loss by Exchange ...	...	...	...	...	60,000	...	...	60,000	
3. Carriage of Revenue Stores ...	...	...	...	...	37,500	...	...	37,500	
Total IX ..	...	...	...	...	98,500	...	...	98,500	95,417
Total Abstract B. Locomotive Expenses...	...	...	...	...	10,37,015	...	...	9,96,791	10,19,566

EXPLANATORY NOTE.

e. Provision for additional engines.

p. Decrease caused by inclusion in former estimates of cost of new K. A2. class engines: present estimates are about normal. Also includes Rs. 614 for proportion of General Stores Working Expenses.

• See note • on page 7.

MADRAS RAILWAY.

ABSTRACT C.—(concluded).

Carriage and Wagon Expenses.—(concluded).

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for the Half-year, June, 1893.	
	Amount.	Total.	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Genl. Superintendence, as per page 22	...	16,258	...	24,710	...	19,278
II.—Repairs and Renewals of Vehicles						
COACHING VEHICLES—1.—Wages ...	26,265		32,400		30,179	
2.—Overtime ...	1,000		1,000		1,741	
3.—Materials ...	18,500		47,600		34,198	
	45,765	q1	81,000		*66,118	
GOODS VEHICLES—1.—Wages ...	49,635		47,500		26,777	
2.—Overtime ...	1,000		1,000		1,875	
3.—Materials ...	1,56,500		1,55,686		51,955	
	2,07,135	q	2,04,186		*80,607	
IIA.—Repairs and Renewals of Machinery, Tools and Plant.						
1.—Wages ...	20,000		20,000		18,541	
2.—Overtime ...	4,000		4,000		4,127	
3.—Materials ...	5,000		5,000		4,104	
	29,000		29,000		27,072	
Total II...	...	2,91,900	...	3,14,186	...	1,73,797
III.—Cleaning Carriages and Wagons, and Oiling.						
1.—Labor, including wages of Carriage Examiners, Oilers, and Cleaners ...	19,600		19,600		13,167	
2.—Stores, including Oil, Grease and other Stores for consumption on running Vehicles ...	13,000		13,000		13,672	
		32,600		32,600		31,839
IV.—New Minor Works	...	1,000	...	...	...	...
V.—Unclassified Expenditure.						
1.—Loss on Stores, &c. ...	1,000		1,000		...	
2.—Loss by Exchange ...	30,000		30,000		20,384	
3.—Carriage of Revenue Stores ...	2,500	33,500	2,500	33,500	216	29,604
Deduct sum chargeable to Fire Insurance Fund.	...	3,65,258	...	4,04,996	...	2,44,533
Total Abstract C. Carriage and Wagon Expenses	...	3,65,258	...	4,04,996	...	2,44,413

EXPLANATORY NOTE.

q1. Includes provision for renewal of ten 3rd class carriages at Rs. 38,000 as against 3 Carriage trucks at Rs. 3,500.

* See note * on page 7.

q. Includes Rs. 1,186 for proportion of General Stores Working Expenses and provision for 100 covered Goods at Rs. 1,60,000.

MADRAS RAILWAY.
Locomotive Department.
APPENDIX A TO ABSTRACTS B. & C.

Locomotive, and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 30th June, 1894.

Mileage rate for Locomotive and Carriage and Wagon expenses.

The actual train-mileage for the Half-year ended 30th June, 1893 was 1,300,838 and it is estimated that the train-mileage for the Half-year ending 30th June, 1894 will be 1,350,000.

And the following represents the average rates per train-mile as compared with actuals:—

	Estimate.	Actuals.
	As.	As.
B. II—Running Expenses	2.27	2.25
B. III—Fuel	4.37	4.29
B. IV—Water	0.16	0.16
B. V—Oil, tallow, and other stores	0.30	0.26
B. VI—Maintenance & renewals of Locomotive Engines ...	2.29	2.95
B. VI A.—Maintenance & renewals of Machinery, Tools & Plant	0.55	0.63
C. II—Repairs and renewals of Vehicles	3.38	1.81
C. II A.—Repairs & renewals of Machinery, Tools & Plant ...	0.34	0.33
C. III—Cleaning Carriages and Wagons, and Oiling ...	0.39	0.39
	<u>14.05</u>	<u>13.07</u>
	Rs.	Rs.
Estimated cost of running 1,350,000 train-miles	11,85,919	...
Actual cost of running 1,300,838 train-miles	...	10,62,218
Add Charges for Superintendence, New minor works, Payments to other lines, and Unclassified expenditure	2,15,868	2,02,186
TOTAL (ABSTRACTS B. & C.)—LOCOMOTIVE AND CARRIAGE AND WAGON EXPENSES	<u>14,01,787</u>	<u>12,64,404</u>

* Expenditure on account of repairs and renewals was considerably below the average.

MADRAS RAILWAY.
APPENDIX B TO ABSTRACTS B AND C.
Locomotive Department.

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

(Not for Audit purposes.)

No.	DESIGNATION.	European and Eurasian.				Native.			
		1st Grade.		2nd Grade.		1st Grade.		2nd Grade.	
		Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.
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	Coppersmiths ...	...	...	...	...	0	12	...	...
7	Smiths ...	...	...	...	...	0	12	0	8
8	Strikers ...	...	...	...	...	0	6	...	...
9	Platers ...	4	0	...	...	...	...	...	...
10	Boilersmiths ...	3	0	1	12	0	12	...	...
11	Riveters ...	...	...	...	...	0	12	...	...
12	Angle-iron Smiths ...	...	...	...	...	1	0	...	...
13	Spring Smiths ...	...	...	...	...	0	12	...	...
14	Carriage Lifters ...	2	0	1	8	...	...	...	...
15	Carriage Fitters ...	1	0	...	...	0	10	...	...
15	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 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous half-year.			Estimate.			Actuals for Half-year June, 1893.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
1st.—Salaries, Wages, &c.		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
<i>(a.) General Superintendence.</i>									
(1.) Traffic Manager ...	Unclassified.	1200—1350	1	1,200	7,200	1	1,200	7,200	...
Deputy Traffic Manager ...	Do.	850—1000	1	850	5,100	1	850	5,100	...
Assistant Traffic Manager ...	1st Class.	727—818	1	818	4,909	1	818	4,909	...
Do. do. do. ...	2nd do.	545—636	1	636	3,816	1	636	3,816	...
Do. do. do. ...	Do.	545—636	1	545	3,270	1	545	3,270	...
Do. do. do. ...	3rd Class.	410—451	1	500	3,000	1	500	3,000	...
Do. do. do. ...	Do.	410—451	1	455	2,730	1	455	2,730	...
Do. do. do. ...	Do.	410—451	1	455	2,730	1	455	2,730	...
Do. do. do. ...	Do.	410—451	1	410	2,460	1	410	2,460	...
Traffic Inspector ...	...	101—200	1	125	750	1	125	750	...
Tarpaulin Inspectors ...	...	100 & below	2	70	420	2	70	420	...
Inspector of Station Machinery ...	...	300—350	1	325	925	1	325	925	...
Commission on Tourists' Tickets ...	...	...	...	200	1,200	...	200	1,200	...
<i>(2.) Office Establishment.</i>									
HEAD QUARTERS.									
Clerk ...	Unclassified.	250	13	...	38,510	13	...	38,500	36,275
Clerks ...	Do.	101—200	4	375	3,450	4	375	3,450	...
Do. ...	Do.	100 & below	79	2,000	12,540	79	2,000	12,540	...
Menials ...	Do.	...	25	157	1,122	25	157	1,122	...
DISTRICT.									
Clerk ...	Unclassified.	101—200	1	125	750	1	125	750	...
Clerks ...	Do.	100 & below	33	725	4,350	33	725	4,350	...
Menials ...	Do.	...	17	119	714	17	119	714	...
(3.) Travelling Allowances ...									
(4.) Contingencies ...									
Carried over ...	...	...	...	1,100	6,000	...	84	500	67,445
Total ...									
...									
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MADRAS RAILWAY.

ABSTRACT D.

Traffic Department—(continued).

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for Half-year June, 1893.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
Brought forward...	...	Rs.	...	Rs.	Rs.	...	Rs.	Rs.	Rs.
1st.—Salaries, Wages, &c.—Continued.					73,496	...	...	67,446	69,922
(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	14	1,865	11,190	14	1,865	11,190	...
Do. do.	Unclassified.	100 & below	290	7,837	47,022	287	8,019	48,294	...
Block Signalmen and allowance	Do.	25-30	9	375	2,250	9	375	2,250	...
Couching Clerks	Do.	100 & below	148	3,555	21,210	148	3,557	21,222	...
Goods Agent	Do.	350	1	350	2,100	1	350	2,100	...
Goods Clerk	Do.	101 to 200	1	135	810	1	135	810	...
Do. Clerks	Do.	100 & below	160	4,432	26,592	159	4,392	26,352	...
Shunting Masters, &c. ...	Do.	10-60	91	2,361	14,166	91	2,361	14,166	...
Messials	Do.	...	1,768	12,548	75,258	1,810	12,831	76,986	...
Gatemen	Do.	...	263	1,474	8,844	263	1,474	8,844	...
Allowances	...	...	...	250	1,500	...	250	1,500	...
Loading and Unloading ...	...	...	...	610	3,840	...	610	3,840	...
				2,738	...	2,786	...	2,21,754	2,05,861
Deduct amount on account of expenses at joint stations.	...	...	...	...	16,000	...	...	16,000	12,671
				2,738	2,03,012	2,786	...	2,05,754	2,193,190
TRAIN STAFF.									
Guards and Assistant Guards..	...	100 & below	172	8,190	49,080	182	8,365	50,190	...
Overtime	...	...	...	150	900	...	150	900	...
Travelling Ticket Collectors ...	...	25-50	4	153	918	4	153	918	...
				176	50,898	186	...	52,008	47,564
Carried over...	...	...	...	...	3,27,406	...	...	3,25,208	3,10,676

EXPLANATORY NOTE.

Amount.	No.	
25	1	A. S. M. for Walayar newly appointed.
30	1	A. S. M. for Adoni newly appointed.
165	5	Station Masters and Assistant Station Masters for Balaghat, Ooregam, Church or Champion and Mysore Terminus Kolar Gold field Railway.
220	7	
8		Less saving Rs. 8 per mensem between Rs. 1,907 in half-year 31st December, 1893 and Rs. 1,915 in half-year, 30th June 1894, being one-third of the pay of Station Masters and Assistants chargeable to Telegraph.
Rs. 212	7	Net increase per mensem.
20	1	A. B. C. for Bangalore City newly appointed.
25	1	Luggage Clerk for Bangalore City newly appointed.
45	2	
Less. 20	1	A. B. C. at Gooty withdrawn.
" 23	1	Booking Clerk at Adoni withdrawn.
Rs. 2	0	
e. Less. 40	1	Wharf Clerk at Kallai withdrawn.
f. 6	1	Porter for Lathari newly appointed.
4	0	Increase to Pointsmen at Jalarpet on account of grouping points.
24	3	Pointsmen for Bangalore City newly appointed.
7	1	Peon for Bangalore City newly appointed.
2	0	Increase to Pointsmen Maistry at Bangalore City.
6	1	Porter for Kulliapaliam newly appointed.
168	24	Porters for Raichur, transshipping previously done by contract.
17	2	Porter Maistries for Raichur, transshipping previously done by contract.
109	17	Pointsmen, Porters and Scavengers for Balaghat, Ooregam, Church or Champion and Mysore Terminus Kolar Gold field Railway.
343	49	
Less. 36	4	Pointsmen at Jalarpet withdrawn.
" 9	1	Pointsmen at Cuddapah withdrawn.
" 7	1	Signal Peon at Mangapatnam withdrawn.
" 8	1	Pointsmen at Mettupalaiyam withdrawn.
Rs. 263	42	
g. 2 sets of Guards, for Kolar Gold Field Railway. 2. Additional sets, Madras Division, for new Train Service. 1. Additional set, Jalarpet Division, for new Train Service.		
* See note * on page 7.		

MADRAS RAILWAY.

ABSTRACT D.

Traffic Department—(concluded).

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for Half-year June, 1893
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
Brought forward...	...	Rs.	...	Rs.	Rs.	...	Rs.	Rs.	Rs.
2nd.—Fuel, Lighting, Water and General Stores.	...	...	...	...	3,27,406	...	...	3,25,203	3,10,676
(1) Fire, Lights, Water, & General Stores	...	...	...	6,666	40,000	...	6,781	40,700	...
(2) Wagon Covers and Ropes.	...	...	...	...	...	...	...	...	...
Tarpaulin Repairers	...	15	30	270	1,620	30	270	1,620	...
Do. Materials	...	...	...	...	3,300	...	2,166	13,000	...
(3) Office and Station Fittings and furniture	...	...	...	300	3,000	...	300	3,000	...
	...	...	30	...	47,920	30	...	39,320	51,492
3rd.—Clothing	...	...	...	1,000	6,000	...	1,000	6,000	5,507
4th.—Printing, Stationery and Tickets.	...	...	...	...	...	...	...	...	...
Ticket Printers	...	100 & below	7	295	1,770	7	295	1,770	...
Menials	...	...	1	8	48	1	8	48	...
Ticket, Stationery, &c.	...	...	...	6,000	36,000	...	6,000	36,000	...
	...	...	8	...	37,818	8	...	37,818	42,924
5th.—Charges for delivery & collection of Goods.	...	...	...	125	750	...	166	1,000	1,281
6th.—Miscellaneous Expenses	...	...	...	67	400	...	67	400	...
Clock Winders	...	15-25	5	80	400	5	80	400	...
Station Machinery Fitters	...	80-100	2	200	1,200	2	200	1,200	...
Do. Coolies	...	12	2	25	134	2	23	134	...
Lamp Repairers	...	3-25	4	45	270	4	45	270	...
	...	...	13	...	2,494	13	...	2,494	3,316
7th.—Payments to other Lines.	...	...	...	833	5,000	...	1,166	7,000	6,570
Expenses at joint Stations	...	...	...	...	...	...	...	...	...
8th.—Unclassified Expenditure.	...	...	...	...	...	...	...	...	...
Loss on Stores	...	...	...	166	1,000	...	166	1,000	...
Carriage of Revenue Stores	...	...	...	2,000	12,000	...	2,000	12,000	...
Loss by Exchange	...	...	...	...	13,000	...	...	13,000	21,158
Value of Stores returned to Stock &c., and sum chargeable to Fire Insurance Fund	...	...	...	...	4,40,382	...	...	4,50,634	4,42,254
	...	...	...	...	...	...	...	...	170
Total Abstract D. Traffic Exps.	...	...	...	...	4,40,382	...	...	4,50,634	4,42,054

EXPLANATORY NOTE.

A. Includes Rs. 700 for proportion of General Stores Working expenses.

i. To maintain the stock of 2,000 new tarpaulins.

• See note • on page 7.

j. To cover actuals.

• See note • on page 7.

k. To cover actuals.

MADRAS RAILWAY.

Statement of Allowances to be paid to Officers and Servants of the Traffic Department,
provided for in Establishment List for the Half-year ending 30th June, 1894.

No.	Designation.	Allowances.			Nature of Allowances.
		Rs.	A.	P.	
	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 N.W. Line allowances	50	0	0	
	Do do Presidency allowances	50	0	0	
	Do do do do	5	0	0	Per diem when employed out of Madras, on duty other than acting for an Officer on Privilege leave subject to a limit of 10 days in any one month.
1	Patakotacheru Station	4	0	0	Water allowance.
1	Nencherla Station	8	0	0	Do do
1	Aspari do	8	0	0	Do do
1	Kusgi do	8	0	0	Do do
1	Tungabhadra do	8	0	0	Do do
1	Matnari do	8	0	0	Do do
1	Kuppal do	4	0	0	Do do
1	Malagaralli do	3	0	0	Do do
1	Station Master Samalpatti	5	0	0	Special do Unhealthy Station
1	Do Mallapuram	5	0	0	Do do do
1	Asst. Station Master Mallapuram	5	0	0	Do do do
1	Station Master Konimipatti	5	0	0	Do do do
1	Do Walayar	5	0	0	Do do do
1	Asst. Station Master Walayar	2	8	0	Do do do
1	Station Master Koniyikode	5	0	0	Do do do
1	Asst. Station Master Perambur Rs. 2-8-0				
2	Station Master Kadulur Rs. 1-8-0; and / Cauvery, Rs. 1-8-0 (on account of House rent)	5	8	0	Special allowance
1	Travelling Ticket Inspector	10	0	0	Fixed allowance in lieu of Travelling Batta
3	Travelling Ticket Collectors at Rs. 5 each	15	0	0	Do do do
1	Points-men Inspector	5	0	0	North West Line Water allowance

All Guards working on the North-West Line between Arakonam 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, Raichur and Guntakal Junctions are allowed 10 per cent. on their Salaries.

OVERTIME.—Guards allowed $\frac{3}{4}$ day's pay or $\frac{1}{2}$ day's pay according to the number of hours they are required to work after their ordinary daily work is ended.

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. 15.

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT E.

General Charges.

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year June 1893.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		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 ...	...	...	...	...	4,000	...	...	4,000	...
4. Office expenses ...	...	...	...	...	...	...	...	...	...
Total I—(1) to (4) ...	...	...	...	...	34,000	...	...	34,000	32,842
2nd.—Salaries of Indian Management including Offices—									
1. Agent and Manager's Department—									
Agent and Manager ...	..	2,000	1	2,000	12,000	1	2,000	12,000	...
Assistant do. ...	...	500—800	...	...	...	1	550	3,300	...
Ag. do. do. ...	...	...	1	525	3,150	...	...	...	...
			2	...	15,150	2	...	15,300	15,050
Chief clerk ...	...	250	1	250	1,500	1	250	1,500	...
Clerks... ..	...	100 & below	16	660	3,960	16	660	3,960	...
Menials * ...	...	...	14	106	636	14	106	636	...
			31	...	6,096	31	...	6,096	5,915
Travelling Allowances ...	...	...	...	117	700	...	117	700	423
Total II—(1) ..	...	...	...	...	21,946	...	...	22,096	21,388
2 & 3. Chief Auditor's Department—Superintendence.									
Chief Auditor ...	...	1,000-1,200	1	1,000	6,000	1	1,000	6,365	...
1st. Assistant Auditor...	...	700	1	700	4,200	1	700	4,200	...
			2	...	10,200	2	...	10,565	25,071
Carried over ...	...	...	...	...	55,946	...	...	56,096	54,230

EXPLANATORY NOTE.

a. Salary increased from 3rd November, 1893 in accordance with Board's letter No. 884 of 23rd June, 1893.

* 1 Binder, 8 Peons, 1 Office servant and 4 Library Peons.

* See note * on page 7.

b. Provision made for increase of salary from 12th March, 1894 at Rs. 1,100 vide Board's letter No. 879 of 17-2-93.

c. Includes the higher rate of Salary viz Rs. 1,200 drawn by Mr. Cramp, up to 11th March, 1893 and the gratuity of Rs. 14,400 paid to him vide G. O. No. 971 R. of 23-6-93.

MADRAS RAILWAY.

ABSTRACT E.

General Charges.—(continued.)

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous half-year.			Estimate.			Actuals for half-year June, 1893.
			No.	Amount.	Total for the half-year.	No.	Amount.	Total for the half-year.	
Brought forward ...	...	Rs.	...	Rs.	Rs.	...	Rs.	Rs.	Rs.
2nd.—Salaries of Indian Management including Offices.—(Continued)	...	...	...	...	55,946	...	...	56,096	51,230
2 & 3. Chief Auditor's Department.—(Continued).	...	...	...	...	10,200	...	...	10,565	25,071
General and Traffic Audit—	...	...	...	...	...	...	...	...	...
2nd. Assistant Auditor..	...	550	1	550	3,300	1	550	3,300	...
3rd. Do. Auditor..	...	400	1	400	2,400	1	400	2,400	...
4th. Do. Auditor..	...	250	1	250	1,500	1	250	1,500	...
Accountant ...	...	...	3	...	7,200	3	...	7,200	d 6,500
Travelling Auditors	...	250	1	250	1,500	1	250	1,500	1,500
Do. do.	...	101 to 200	5	750	4,500	5	750	4,500	...
Do. do.	...	100 & below	1	100	600	1	100	600	...
Special allowance	...	...	6	...	5,100	6	...	5,100	e 4,771
Head Clerks	...	...	...	...	...	...	...	...	f 110
Clerks	...	...	3	435	2,610	2	350	g 2,100	...
Menials*	...	...	175	4,100	24,600	180	4,255	h 25,710	...
Store Audit.	...	...	178	...	27,210	182	...	27,810	26,300
Store Auditor ...	...	...	17	126	756	17	126	756	747
Stock-takers	...	150 — 200	1	175	1,050	1	175	1,050	...
Menial	...	100 & below	9	300	1,800	9	300	1,800	...
Allowances, &c.	...	...	1	7	42	1	7	42	...
Travelling	...	...	11	...	2,802	11	...	2,802	2,530
Rent	...	...	...	383	2,300	...	339	† 2,030	2,540
Carried over...	...	...	...	15	90	...	...	j ...	72
	...	...	...	...	57,245	...	...	57,853	70,141
	...	...	...	...	55,945	...	...	56,096	51,230

EXPLANATORY NOTE.

d. Includes bonus of Rs. 300 paid to Mr. Corben for passing Vernacular examination. Saving due to Salaries of 3rd & 4th Assistant Auditors not fully drawn.

e. Saving due to maximum rates not being drawn in all cases.

f. Paid up to 6th March, 1893 vide Consulting Engineer's letter No. 170 of 1st March, 1892.

g. One Clerk transferred with Rs. 65 to Scale of "100 and below."

h. Provision made for 4 extra Clerks on a maximum of Rs. 25 each for new priced ledgers and other changes in Store Accounts. See also last heading for one Clerk transferred from Scale of 101—200.

* 1 Moolchee, 1 Binder and 15 Peons.

† Provision for Rent allowance made for 3 Travelling Auditors only who do not occupy Company's quarters.

i. Includes Rs. 500 passage money paid to Mr. Cramp, late Chief Auditor.

j. Provision not required vide Minute No. 47 of 24th August, 1893.

MADRAS RAILWAY.

ABSTRACT E.

General Charges.—(continued).

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous half-year.			Estimate.			Actuals for half-year June, 1893.
			No.	Amount.	Total for the half-year.	No.	Amount.	Total for the half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	{	...	...	...	55,946	...	...	56,096	54,230
		...	...	...	...	57,218	...	...	57,953
2nd.—Salaries of Indian Management including Offices—(Continued).									
4. Cash and Pay Office.									
Cashier	...	250—300	1	250	1,500	1	250	1,597	...
Assistant to Cashier ...	...	100—150	1	150	900	1	150	900	...
			2	...	2,400	2	...	2,497	2,100
Cashkeepers	...	50 & below	11	550	3,300	11	550	3,300	13,434
Clerks	...	100 & below	7	285	1,710	7	285	1,710	1,709
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	...
	...	...	43	392	2,352	43	392	2,352	2,333
Allowances, &c.									
Travelling allowances ...	...	...	...	...	650	...	...	650	553
Total II—(2) to (4) ...	...	...	...	...	67,660	...	...	68,362	80,270
Carried over ...	...	...	...	...	1,23,606	...	...	1,24,458	1,34,500

EXPLANATORY NOTE.

k. Increased salary from Rs. 250 to Rs. 300 from 3rd May 1894, provided, within Sanction.

l. Includes Rs. 300 gratuity paid to a Cashkeeper.

* See note * on page 7.

MADRAS RAILWAY.

ABSTRACT E.

General Charges.—(continued).

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous half-year.			Estimate.			Actuals for half-year June, 1893.
			No.	Amount.	Total for the half-year.	No.	Amount.	Total for the half-year.	
Brought forward ...	...	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
2nd.—Salaries of Indian Management including Offices.—(Continued.)									
† 3. General Stores Department.									
General Storekeeper. ...	...	40 — 600	1	40	2,400	1	425	2,520	...
Warders ...	...	101 — 200	2	325	1,900	2	325	1,900	...
Do. ...	...	15-00	4	138	825	4	138	825	...
Clerks ...	...	100 & below	16	512	3,114	15	540	3,224	...
Travelling Clerk ...	...	90	1	90	540	1	90	540	...
Weigh Bridge—Conicopilly...	...								
Timekeeper ...	...		1	15	m. 30	1	15	m. 30	...
Carpenters ...	...		1	17	m. 102	1	17	m. 102	...
Menials * ...	...		2	44	m. 204	2	44	m. 204	...
			26	216	1,296	25	200	1,254	...
Travelling Allowance ...	...		34	...	10,524	35	...	10,572	10,572
Rent ...	...		...	...	100	...	...	100	100
			...	...	120	...	...	...	55
Total II (5)...	...		...	...	10,584	...	...	11,002	10,577
6. Medical Department.									
Medical Officer ...	...	450 — 600	1	325	1,900	1	450	1,425	...
Acting do. ...	...		...	350	2,100	...	350	2,100	...
			1	...	4,000	1	...	2,400	3,000
Apothecaries ...	...	101 — 200	7	...	5,400	7	...	5,400	...
Do. ...	...	100 & below	12	917	5,500	12	917	5,500	...
			12	...	10,000	12	...	10,000	9,900
Carried over...	{	...	...	...	14,900	...	...	13,332	13,922
			...	...	1,31,400	...	...	1,30,510	1,45,077

EXPLANATORY NOTE.

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

m. Rate of salary increased by Rs. 25 per month from 3rd November, 1893, vide G.O. No. 323 R., dated 16-4-1893.

m₁. Two additional Clerks required for new work under the revised system of Store Accounts.

- 1 Mouchee.
- 3 Travelling Peons.
- 6 Ward Peons.
- 2 Office do. (1 Reduction of staff)
- 2 Guard Peons.
- 5 Book-binders.
- 1 Cooper.
- 1 Cooly Maistry.
- 2 Chickledars.
- 1 Chuckler.
- 1 Marker.

m₂. Included under "Menials" in last rolls.

n. Provision not required, vide Minute No. 47 of 24-8-93.

• See note * on page 7.

o. Minimum pay of permanent appointment from 22nd March, 1894, provided.

p. Dr. Currie's acting pay for 2 months and 21 days @ Rs. 350 per mensem.

MADRAS RAILWAY.

ABSTRACT E.

General Charges—continued.

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year June, 1893.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	{	...	...	...	134,490	...	...	135,510	115,077
2nd.—Salaries of Indian Management including Offices.—(Continued).	...	...	...	...	14,959	...	...	13,932	13,922
6. Medical Department.—(Continued)									
Medical Storekeeper ...	...	...	1	50	300	1	50	300	300
Clerks	...	12½—18	2	30½	183	2	30½	183	183
Vaccinator ...	...	...	1	15	90	1	15	90	90
Menials* ...	...	...	18	139	856	18	139	856	823
			22	...	1,409	22	...	1,409	1,396
Allowance for Rent ...	...	...	...	...	1,533	...	...	71-0	1,539
Travelling Allowance ...	...	...	...	...	400	...	...	400	311
Total II (6)...	...	...	...	...	18,292	...	...	15,321	17,168
7. Rents of buildings & lands..	...	...	...	...	220	...	...	220	237
8. Furniture, Fittings & other Miscellaneous expenses Pankah & Tatty Coolies and Bhidies.									
Agent & Manager's Office ...	...	...	...	...	114	...	...	114	...
Audit Office ...	...	...	...	...	321	...	...	321	...
Cashier's Office ...	...	...	...	...	60	...	...	60	...
General Store's Office ...	...	...	...	...	36	...	...	36	...
Medical Department ...	...	...	...	...	...	...	...	...	...
Furniture, Fittings, &c. ...	...	...	...	...	3,600	...	...	3,500	...
Total II—(8) ...	...	...	...	...	4,131	...	...	4,331	4,189
9. Printing and Stationery...	...	...	...	...	4,730	...	...	4,830	4,316
10. Medicine & contribution to Hospital ...	...	...	...	...	2,000	...	...	2,000	2,157
Total II ...	...	...	...	...	129,863	...	...	1,28,222	140,701
Carried over...	...	...	...	...	163,863	...	...	1,62,222	173,543

EXPLANATORY NOTE.

* 17 Peons. 1 Lascar

q. Allowance to Senior Apothecary.

* See note * on page 7.

r. To provide for additional class C. lands.

No provision made for Branch Dispensary rent as it is to be removed to the new building.

Actuals—Dispensary ... Rs. 120

Class C lands 217

.. 337

s. Includes Medical Officer's carriage hire @ Rs. 50 per month sanctioned vide G.O. No. 840 E of 9-5-93.

* See note * on page 7.

t. Increase of Rs. 100 for Agent and Manager's Office.

MADRAS RAILWAY.

ABSTRACT E.

General Charges.—(continued.)

Authorizations for the Half-year ending 30th June, 1894.

EXPLANATORY NOTE.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous half-year.			Estimate.			Actuals for half-year June, 1893.
			No.	Amount.	Total for the half-year.	No.	Amount.	Total for the half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	1,63,863	...	...	1,62,222	1,73,563
3rd.—Police.									
1. Supervision.									
Chief Inspector ...	...	260 to 250	1	225	1,350	1	225	1,350	...
Inspectors ...	...	100 & below	6	455	2,730	6	455	2,730	...
Sub-Inspectors ...	...	...	4	120	720	4	120	720	...
Clerk ...	...	...	1	20	...	1	20	...	...
Allowance to head clerk Staff section for Police Department ...	...	...	...	10	150	...	10	150	...
Record-keeper ...	...	...	1	10	60	1	10	60	...
Detectives ...	...	...	6	150	900	6	150	900	...
Checkers ...	...	...	8	98	576	8	98	576	...
Total III. (1) ...	...	...	27	...	6,516	27	...	6,516	* 5,713
2. Constables.									
Head watchmen ...	...	...	12	267	1,602	12	267	1,602	...
Menials ...	...	...	228	1,402	8,412	228	1,402	8,412	...
Payments to Nizam's Government ...	...	...	...	...	1,498	...	...	1,498	...
Total III. (2) ...	...	...	240	...	11,422	240	...	11,422	* 10,576
3. Contingencies.									
Total III ...	...	...	...	...	3,755	...	...	3,755	* 2,744
Carried over ..	...	...	...	...	21,693	...	...	21,693	18,673
	...	...	...	...	1,85,556	...	...	1,83,915	1,92,176

* See note * on page 7.

* See note * on page 7.

* See note * on page 7.

MADRAS RAILWAY.

ABSTRACT E.

General Charges.—(continued).

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for Half-year June, 1893.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
Brought forward ...	...	Rs. ...	...	Rs. ...	Rs. 183,556	...	Rs. ...	Rs. 183,915	1,92,176
4th.—Advertising (all Advertisements of all Departments.) ...	...	...	...	...	3,000	...	...	3,000	2,919
5th.—Electric Telegraph.									
1. Salaries of Superintendents and Assistants.									
Telegraph Engineer ...	...	864	1	432	2,591	1	864	5,182	
Assistant do. ...	...	582	1	282	3,491	1	300	1,800	
Do. Personal Allowance.	...	100	...	...	...	...	100	600	
Inspectors ...	1st 2nd and 3rd Classes.	101 to 200	3	420	2,520	3	420	2,520	
Do. Allowance ...	...	...	...	55	320	...	...	...	
Total V. (1) ...	...	...	5	...	8,932	5	...	10,102	8,695
2. Signallers ...	...	100 & below	124	6,321	37,926	124	6,320	37,974	36,034
3. Travelling Expenses ...	...	...	...	...	1,380	...	...	1,380	1,032
4. Office Expenses Contingencies, &c.									
Writers ...	...	15—50	4	130	780	4	130	780	
Storekeepers ...	...	25—50	2	75	450	2	75	450	
Peons ...	...	...	3	21	126	4	29	169	
Travelling Expenses ...	...	...	...	10	60	...	10	60	
Bungalow Rent allowances ...	...	...	...	150	900	...	...	y	
Total V. (4) ...	...	...	9	...	2,316	10	...	1,459	1,862
5. Maintenance, Wages & Stores									
Inspectors ...	...	100 & below	8	490	2,880	8	490	2,880	
Linemen ...	...	...	30	210	1,260	30	210	1,260	
Materials ...	...	...	...	...	15,660	...	...	16,860	
Clothing ...	...	...	...	...	160	...	...	250	
Total V. (5) ...	...	...	...	...	19,960	...	...	21,260	19,010
Carried over ...	...	...	...	...	70,514	...	...	72,174	66,833
					1,92,556			1,94,915	1,94,995

EXPLANATORY NOTE.

u. Provision made as the Telegraph Engineer is expected to return from Furlough in December, 1893.

v. Sanctioned by the Government of India to Mr. Pigott in No. 2119 G. of 11-8-93, vide M. G. O. No. 1162, R. of 29th August, 1893, and by the Board of Directors in letter from the Secretary, No. 881, dated 28th April, 1893.

w. Includes Rs. 1,915 per mensem being $\frac{1}{3}$ of the amount of Station Masters' Salaries of small Stations, where no signaller is kept.

x. Provision made for a Second Peon for the Assistant Telegraph Engineer.

y. Provision not required vide Minute No. 47 of 21-8-93.

z. An increased provision of Rs. 1,200 made to cover the Cost of Materials hitherto known as "Stores without value" but which have now been valued, and brought into stock.

a. The Cost of Khaki clothing is calculated at the rate of Rs. 3 per suit instead of Rs. 2 as the quality of the Material supplied at the latter rate has been found to be very inferior and a suit does not nearly last 6 months.

MADRAS RAILWAY.

ABSTRACT E.

General Charges.—(concluded).

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for Half-year June, 1894.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
Brought forward ...	...	...	...	Rs.	Rs.	...	Rs.	Rs.	Rs.
5th:—Electric Telegraph. (Continued.)	...	...	...	...	1,83,556	...	...	1,86,915	1,94,995
6. Government Telegraph Department for Rent, &c...	...	...	...	...	70,514	...	...	72,174	66,733
Total V...	...	...	...	...	500	...	...	500	472
6th:—Clearing Accounts with other Lines.	...	...	...	...	71,014	...	...	72,674	67,305
7th:—Unclassified Expenditure.—	...	...	...	...	...	...	...	...	...
1. Loss on Stores ...	...	...	...	...	..	...	...	...	...
2. Expenses Connected with Fire Engines ...	...	...	...	...	3,000	...	...	3,000	2,265
3. Loss by Exchange ...	...	...	...	...	20,000	...	...	24,000	23,939
4. Carriage of Revenue Stores.	...	...	...	...	800	...	...	800	473
Total VII ...	...	...	...	...	23,800	...	...	27,800	26,682
Total...	...	...	...	...	2,83,370	...	...	2,87,359	2,89,982
Deduct sum chargeable to Fire Insurance Fund ...	...	...	...	...	3,000	...	...	3,000	2,265
Total Abstract E. General Charges ...	...	...	...	...	2,80,370	...	...	2,84,359	2,86,717

b. To accord closer with actuals.

MADRAS RAILWAY.

ABSTRACT G.

Special and Miscellaneous Expenditure.

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for Half-year June, 1894.	
	Amount.	Total.	Amount.	Total.	Amount.	Total.
1st.—Law Charges—	1,000	1,000	1,000	1,000	177	177
2nd.—Compensation—						
(1.)—For Goods lost or damaged ...	3,000	3,000	3,000	3,000	4,192	4,192
(2.)—For Personal injury						
(3.)—For other claims						
3rd.—Rates and Taxes (including Municipal Water-rates)	13,000	13,000	7,000	7,000	5,624	5,624
4th.—Payments to other Lines—						
(1.)—Hire of Locomotives						
(2.)—Hire of Vehicles						
(3.)—Mileage and Demurrage of Foreign Stock ...	10,000	10,000	9,400	9,400	5,789	5,789
(4.)—Rent of Stations, &c., jointly occupied ...						
5th.—Prizes for Station Gardens, &c.	1,000	1,000	1,000	1,000	724	724
6th.—Contributions to—						
(1.)—Railway Provident Institution	22,000	22,000	23,000	23,000	20,676	20,676
7th.—Miscellaneous—						
(1.)—Loss on Light Coins						
(2.)—Bridge Toll Collection, Establishment, &c. ...						
(3.)—Conservancy	4,000	4,000	4,000	4,000	4,320	4,320
(4.)—Loss by Exchange	90	90	100	100	132	132
(5.)—Railway Schools	6,210	6,210	6,210	6,210	5,390	5,390
(6.)—Locomotive Schools						
(7.)—Grant to employés for passing in the vernacular						
(8.)—Provision for unadjusted and disputed claims and bonus to guaranteed Company's Servants			600	600		
		10,300		10,910		9,832
Deduct sum chargeable to Fire Insurance Fund		60,300		55,310		47,014
		1,000		1,000		2,369
TOTAL ABSTRACT G. SPECIAL AND MISCELLANEOUS EXPENDITURE.		59,300		54,310		44,645

a. Demand is usually less in the first half of a year.

b. To meet probably increased demand.

c. Formerly included under "Salaries."

MADRAS RAILWAY.

Railway Schools.

Authorizations for the Half-year ending 30th June, 1894.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the Previous Half-year.			Estimate.			Actuals for Half-year June, 1893.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
Teachers (Masters	...	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
(Mistresses	...	100 & below	3	1,000	6,000	3	1,000	6,000	5,186
Gymnastic Instructors	...	25-30	2	50	300	2	50	300	275
Clerks	...	10-15	2	25	150	2	25	150	150
School Library Writer	...	...	1	10	60	1	10	60	60
School Servants	...	...	13	83	500	13	83	500	412
Grants-in-aid	...	...	...	...	150	...	...	150	...
Rent of School, Raichur	...	...	...	...	385	...	...	385	382
Books and Stores	...	...	...	...	1,000	...	...	1,000	1,019
School Prizes	...	...	...	...	500	...	...	500	...
Travelling Allowances	...	...	...	...	300	...	...	300	90
Allowance for Rent	...	...	...	...	45	...	...	45	20
Contingencies	...	...	...	...	25	...	...	25	6
Clothing	...	...	...	...	25	...	...	25	19
Less School Fees, Government grants, &c.	...	...	...	...	9,270	...	...	9,270	7,642
Total	...	...	40	...	6,210	40	...	6,210	5,380

EXPLANATORY NOTE.

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

b. Annual charge.

c. 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 allowances 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.

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. 671, dated 25th February 1876.

PROGRESSIVE SALARIES.

Extract from G.O., No. 573 R., dated 1st October, 1880—Para. 10.

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 a progressive salary or not) with half of the mean salary 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).

PARA. 13. Vide Consulting Engineer's letter, No. 749, dated 29th November, 1886.

MADRAS RAILWAY.

Scale of Fixed and Travelling Allowances.

Chief Engineer	...	Rs. 105 per mensem. When travelling on the Line he is permitted to drop this allowance and draw Rs. 5 per diem.
Dy. Chief Engineer	...	Fixed allowance Rs. 105 per mensem.
Telegraph Engineer	...	Do. " 75 "
Resident Engineers	...	" When they are in charge of two divisions, or of a division and a large bridge, or of a division or large bridge and such other large work or works as, in the opinion of Government, render the charge equivalent to two divisions, Rs. 105 if aided by an Assistant Engineer, and Rs. 175 if not so aided." (Proceedings of Madras Government, No. 566 R., dated 7th May, 1889).
Resident Engineer, 2nd Division, S. W. Line	...	(Office rent) Rs. 20 per mensem.
Engineering Assistants (2)	...	Rs. 2 per diem for each.
Traffic Manager	...	Fixed allowance Rs. 105 per mensem.
Dy. do	...	Fixed allowance Rs. 60 per mensem for each.
Asst. do	...	Presidency allowances Rs. 50 per mensem—Rs. 5 per diem when employed out of Madras on duty other than acting for an Officer on privilege leave, subject to a limit of 10 days. (Minutes of Meeting, 29th September 1881 and 30th January 1893).
Asst. Traffic Managers on duty in Madras	...	North-West line allowance Rs. 50 per mensem.
Asst. Traffic Manager	...	Fixed allowance Rs. 105
Loco. Superintendent	...	do. " 60
Chief Inspector (Police)	...	do. " 50 for each.
Travelling Auditors	...	do. " 7
Cashkeepers	...	do. " 15
Police Inspectors	...	Rs. 10 per diem.
Agent and Manager	...	Who do not draw a fixed monthly allowance Rs. 5 per diem.
Other Officers	...	

CLASS OF EMPLOYEES.

Rate per day.

On Rupees 300 and above	...	Rs.	A.	P.
" 200 and under 300	...	2	5	0
" 100	...	2	0	0
" 50	...	1	5	0
" 25	...	1	0	0
" 15	...	0	8	0
Under " 15	...	0	4	6
	...	0	2	0

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

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

REVISED RULES REGARDING BATTA ALLOWANCES WITH EXAMPLES.

Sanctioned, at Official Meeting of the 25th June, 1891.

- The distinction between day and night batta is abolished.
- 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 49 " " 2 days' batta, and so on.

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

- An employé transferred temporarily, from one station to another, may not draw batta continuously for a longer period than 2 months: transfers for over 2 months will be treated as permanent.

- 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.

- 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.

- 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.

- 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.

- In Criminal Cases tried by Petty Courts advances of Batta may be made by Heads of Department upon receipt of a duplicate bill certified as admitted under Signature of the Magistrate.

- 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.

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. 5316 of 18th December, 1893. * * * 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.

PRIVILEGE LEAVE FOR FOREMEN AND COVENANTED SUBORDINATES.

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.

