

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1978-79	Press
B.P. No.		Mis.
Dated	22-7-1954	

Not to be folded or roughly handled

No. 496. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 15th June 1874, No. 350:—

I HAVE the honor to forward, for submission to the Government of India, the Establishment* Lists of the Madras Railway for the half-year ending 31st December 1874, as sanctioned by me at a meeting held at Royapooram for the purpose.

- Agent and Manager's.
- Chief Auditor's.
- Chief Accountant's.
- General Charges.
- Cashier's.
- General Stores.
- Consulting Physician's.
- Engineering.
- Electric Telegraph.
- Locomotive with explanatory statement.
- Traffic.

2. The increases which have been found necessary are few in number, and explanation regarding them is given in the lists. The only points to

which it seems necessary to refer here are connected with the Locomotive Department. The large increase under the head of fuel is caused by the enhanced price of coal; and the increase under the wages of workmen is rendered necessary by the large number of vehicles which now come into the shops for repair and renewal.

Proceedings of the Madras Government,

MADRAS
AGENT AND MANA

Proposed Establishment for the half-

ESTABLISHMENT FOR THE PREVIOUS HALF-YEAR ENDING 30th JUNE 1874.									
Sanctioned.					Actuals.				
1	Number of each grade.	Maximum rate of salary.	Total amount per mensem.	Total for half-year (a).	2	Number of each grade.	Rate of salary paid.	Total amount per mensem.	Total for half-year.
3									
Agent and Manager	1	RS. A. P.	RS. A. P.	RS. A. P.	1	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Assistant do.	1	.....	2,272 11 8	13,636 6 0	1	.....	2,272 11 8	13,636 6 0	13,636 6 0
Chief Clerk	1	.....	772 11 8	4,636 6 0	1	.....	772 11 8	4,636 6 0	4,636 6 0
Clerk	1	.....	150 0 0	900 0 0	1	.....	150 0 0	900 0 0	900 0 0
Do.	1	.....	75 0 0	450 0 0	1	.....	75 0 0	450 0 0	450 0 0
Do.	1	.....	50 0 0	300 0 0	1	.....	50 0 0	300 0 0	300 0 0
Do.	1	.....	60 0 0	360 0 0	1	.....	60 0 0	360 0 0	360 0 0
Do.	1	.....	55 0 0	330 0 0	1	.....	55 0 0	330 0 0	330 0 0
Do.	1	.....	50 0 0	300 0 0	1	.....	50 0 0	300 0 0	300 0 0
Do.	1	.....	25 0 0	150 0 0	1	.....	25 0 0	150 0 0	150 0 0
Book-binder	1	.....	25 0 0	150 0 0	1	.....	25 0 0	150 0 0	150 0 0
Peon	1	.....	6 0 0	36 0 0	1	.....	6 0 0	36 0 0	36 0 0
Do.	1	.....	8 0 0	48 0 0	1	.....	8 0 0	48 0 0	48 0 0
Office servants	5	7 0 0	35 0 0	210 0 0	5	7 0 0	35 0 0	210 0 0	210 0 0
Railway Chaplain's Peon	5	6 0 0	19 0 0	114 0 0	5	6 0 0	19 0 0	114 0 0	114 0 0
	1	.....	7 0 0	42 0 0	1	.....	7 0 0	42 0 0	42 0 0
	.....	.....	.....	21,662 12 0	.....	.....	.....	21,662 12 0	21,662 12 0
Travelling allow-ances	.....	.....	.....	100 0 0	.....	.....	.....	.....	.....
Contingencies	.....	.....	.....	50 0 0	.....	.....	.....	.....	.....
Stationery	.....	.....	.....	300 0 0	.....	.....	.....	.....	.....
	.....	.....	.....	22,112 12	.....	.....	.....	.....	.....

MADRAS,
15th June 1874.

12th May 1874

Public Works Department, 22nd July 1874.

RAILWAY.

GEE'S DEPARTMENT.

year ending 31st December 1874.

PROPOSED FOR THE HALF-YEAR ENDING 31st DECEMBER 1874.				DIFFERENCE BETWEEN COLS. 2 (a) AND 4 (a).		DISTRIBUTION OF CHARGES IN COL. 4 (a) BETWEEN		REMARKS.
Number of each grade.	Maximum rate of salary.	Total amount per mensem.	Total for half-year (a).	Increase.	Decrease.	Capital.	Revenue.	
4				5		6		7
1	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
1		2,272 11 8	13,636 6 0	.....	.....	.....	.....	
1		772 11 8	4,636 6 0	.....	.....	.....	.....	
1		150 0 0	900 0 0	.....	.....	.....	.....	
1		75 0 0	450 0 0	.....	.....	.....	.....	
1		50 0 0	300 0 0	.....	.....	.....	.....	
1		60 0 0	360 0 0	.....	.....	.....	.....	
1		55 0 0	330 0 0	.....	.....	.....	.....	
1		50 0 0	300 0 0	.....	.....	.....	.....	
1		25 0 0	150 0 0	.....	.....	.....	.....	
1		25 0 0	150 0 0	.....	.....	.....	.....	
1	7 0 0	35 0 0	210 0 0	6 0 0	.....	.....	.....	
5		19 0 0	114 0 0	.....	.....	.....	.....	
5		19 0 0	114 0 0	.....	.....	.....	.....	
1		7 0 0	42 0 0	.....	.....	.....	.....	
.....			21,668 12 0	6 0 0	.....	.....	.....	
.....			100 0 0	.....	.....	.....	.....	
.....			50 0 0	.....	.....	.....	.....	
.....			300 0 0	.....	.....	.....	.....	
.....			22,118 12 0	6 0 0	.....	.....	.....	

Increase of Rupee 1 per mensem to place the Book-binder on the same footing as the Peons.

(Signed) R. B. ELWIN,
Agent and Manager.

Sanctioned.
(Signed) J. H. M. SHAW-STEWART, Lieut.-Colonel, R.E.,
Consulting Engineer for Railways

CHIEF AUDITOR'S DEPARTMENT.
Proposed Establishment for the half-year ending 31st December 1874.

*Proceedings of the Madras Government, Public Works Department,
22nd July 1874.*

	ESTABLISHMENT FOR THE PREVIOUS HALF-YEAR ENDED 30TH JUNE 1874.				PROPOSED FOR THE HALF-YEAR ENDING 31ST DECEMBER 1874.				DIFFERENCE BETWEEN COLUMNS 2 (a) AND 4 (a).		DISTRIBUTION OF CHARGES IN COLUMN 4 (a) BETWEEN	
	Sanctioned.		Actuals.		Total for half-year (a).		Total amount per mensem.		Increase.	Decrease.	Capital.	Revenue.
	Grade.	Maximum rate of salary.	Total amount per mensem.	Rate of salary paid.	Number of each	Total for half-year.	Maximum rate of salary.	Total amount per mensem.				
Chief Auditor	1	Rs. A. P. 1,136 5 10	Rs. A. P. 1,136 5 10	Rs. A. P. 6,818 3 0	1	Rs. A. P. 6,818 3 0	Rs. A. P. 1,136 5 10	Rs. A. P. 6,818 3 0	Rs.	Rs.	Rs.	Rs.
Assistants do.	3	400 0 0	1,000 0 0	272 11 8	3	5,836 6 0	400 0 0	1,000 0 0	...	...	...	...
Travelling Auditors	4	200 0 0	600 0 0	75 0 0	4	2,790 0 0	200 0 0	600 0 0	...	...	...	...
Clerks	112	120 0 0	2,460 0 0	10 to 0	106	14,355 0 0	120 0 0	2,400 0 0	...	...	...	...
Peons	7	7 0 0	49 0 0	6 0 0	6	216 0 0	7 0 0	49 0 0	...	...	...	...
Office Servants	3	6 0 0	18 0 0	7 0 0	3	108 0 0	6 0 0	18 0 0	...	...	...	...
Travelling Expenses	...	50 0 0	200 0 0	45 0 0	...	1,050 0 0	50 0 0	200 0 0	...	...	...	...
Stationery	...	...	583 5 4	...	...	1,997 9 0	...	583 5 4	...	...	...	...
Contingencies	...	...	83 5 4	...	...	329 4 10	...	83 5 4	...	...	...	...
Allowance of Rent	...	...	10 0 0	...	...	43 0 0	...	10 0 0	...	...	...	...
	130	...	6,080 0 6	...	...	33,572 7 4	...	6,080 0 6	...	...	...	...

MADRAS, 7th May 1874. 15th June 1874.

(Signed) R. B. ELWIN, Agent and Manager. (Signed) J. H. M. SHAW-STEWART, Lieut.-Colonel, R.E., Consulting Engineer for Railways. (Signed) J. CRAMP, for Chief Auditor.

CHIEF ACCOUNTANT'S DEPARTMENT.
Proposed Establishment for the half-year ending 31st December 1874.

*Proceedings of the Madras Government, Public Works Department,
22nd July 1874.*

	ESTABLISHMENT FOR THE PREVIOUS HALF-YEAR ENDED 30TH JUNE 1874.				PROPOSED FOR THE HALF-YEAR ENDING 31ST DECEMBER 1874.				DIFFERENCE BETWEEN COLS. 2 (a) AND 4 (a).		DISTRIBUTION OF CHARGES IN COL. 4 (a) BETWEEN	
	Sanctioned.		Actuals.		Total for half-year (a).		Total amount per mensem.		Increase.	Decrease.	Capital.	Revenue.
	Grade.	Maximum rate of salary.	Total amount per mensem.	Rate of salary paid.	Number of each	Total for half-year.	Maximum rate of salary.	Total amount per mensem.				
Chief Accountant	1	Rs. A. P. 1,136 5 10	Rs. A. P. 1,136 5 10	Rs. A. P. 6,818 3 0	1	Rs. A. P. 6,818 3 0	Rs. A. P. 1,136 5 10	Rs. A. P. 6,818 3 0	Rs.	Rs.	Rs.	Rs.
Clerks	25	125 0 0	939 8 0	10 to 110	25	5,832 0 0	125 0 0	939 8 0	...	...	...	...
Peons	5	8 0 0	36 0 0	7 to 8	5	216 0 0	8 0 0	36 0 0	...	...	...	...
Office Servants	4	9 0 0	27 0 0	5 to 9	4	162 0 0	9 0 0	27 0 0	...	...	...	...
Travelling allowances	...	...	...	...	...	...	...	...	...	...	...	...
Contingencies	...	...	...	...	...	...	...	...	...	...	...	...
Stationery	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	9,807 11 6	...	...	...	...	...	...

MADRAS, 6th May 1874. 15th June 1874.

(Signed) R. B. ELWIN, Agent and Manager. (Signed) J. H. M. SHAW-STEWART, Lieut.-Colonel, R.E., Consulting Engineer for Railways. (Signed) J. CRAMP, Chief Accountant.

GENERAL CHANGES.
Proposed Establishment for the half-year ending 31st December 1874.

MADRAS, 7th May 1874. 15th June 1874.	(Signed) R. B. ELWIN, <i>Agent and Manager.</i>	(Signed) J. H. M. SHAW-STEWART, Lieut.-Colonel, R.E., <i>Consulting Engineer for Railways.</i>	(Signed) J. CRAMP, <i>for Chief Auditor.</i>
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24 May 1874.

15th June 1814.

Proposed Establishment for the half-year ending 31st December 1874.

MADRAS,
2nd May 1874.

(Signed)	R. B. ELWIN, <i>Agent and Manager.</i>	(Signed)	F. PEELE, <i>Cashier.</i>
		Sarctioned.	
		(Signed)	J. H. M. SHAW-STEWART, Lieut.-Colonel, R.E., <i>Consulting Engineer for Railways.</i>

15th June 1874.

GENERAL STORES DEPARTMENT.
Proposed Establishment for the half-year ending 31st

The pay of this officer was some years ago Rupees 200 per mensem, and it is proposed to increase the pay for an increment of Rupees 25 per mensem in the salary of the General Warder. The duty of good conduct and length of service.

(Signed)
15th June 1871.

(Signed)

Sanctioned.

(Signed) R. ALLEN, General Superintendent.

MEDICAL DEPARTMENT.
Proposed Establishment for the half-year ending 31st December 1874.

* To meet sick contingencies.

(Signed) R. B. ELWIN,
Agent and Manager.

(Signed) W. J. VANSOMEREN, M.D.,
Consq. Physician, Madras Railway.

16th May 1874.

(Signed) **J. H. M. SILLAW-STEWART, Lieut.-Colonel, R.E.,**
Consulting Engineer for Railways.

Sanctioned.

Proceedings of the Madras Government,

ENGINEERING Proposed Establishment for the

ESTABLISHMENT FOR THE PREVIOUS HALF-YEAR ENDED 30TH JUNE 1874.											
Sanctioned,				Actuals for April 1874.							
1	2	3	4	5	6	7	8	9	10	11	12
	Number of each Grade.	Maximum rate of Salary.	Total per men-sem.	Total for half year (a).	Number of each Grade.	Rate of Salary paid.	Total per men-sem.	Total for half year.			
Chief Engineer ...	1	Rs. A. P. 1,818 2 11	Rs. A. P. 1,818 2 11	Rs. A. P. 10,909 1 6	1	Rs. A. P. 1,431 13 1	Rs. A. P. 1,131 13 1	Rs. A. P. 8,590 14 6			
Deputy Chief Engineer ...	1	1,015 7 3	1,015 7 3	6,272 11 6	1	954 8 9	974 8 9	5,727 4 6			
Assistant to Chief Engineer ...	1	659 1 5	659 1 5	3,954 8 6	1	659 1 5	659 1 5	3,954 8 6			
First-class Engineer ...	6	863 10 2	5,181 13 0	31,900 11 0	4	863 10 2	3,454 8 8	20,727 4 0			
Do. do. ...	1	772 11 8	772 11 8	4,636 6 0	1	772 11 8	772 11 8	4,636 6 0			
Second do. do. ...	2	659 1 5	1,318 2 10	7,909 1 0	1	761 6 9	761 5 9	4,569 2 6			
Third do. do. ...	3	409 1 5	1,227 4 3	7,363 9 6	3	409 1 5	1,227 4 3	7,353 9 6			
Engineering Assistants ...	35	200 0 0	490 0 0	2,910 0 0	35	200 to 130	490 0 0	2,910 0 0			
Permanent-way Inspectors ...	35	190 0 0	4,670 0 0	28,020 0 0	35	190 to 75	4,465 0 0	26,730 0 0			
Covenanted Inspector ...	1	350 0 0	350 0 0	2,100 0 0	1	350 0 0	350 0 0	2,100 0 0			
Clerks ...	17	200 0 0	1,092 0 0	6,552 0 0	17	200 to 12	1,092 0 0	6,552 0 0			
Draughtsmen ...	19	200 0 0	1,075 0 0	6,450 0 0	18	200 to 15	1,065 0 0	6,330 0 0			
Writers ...	19	50 0 0	710 0 0	4,260 0 0	20	50 to 20	730 0 0	4,380 0 0			
Pay Clerks ...	2	80 0 0	160 0 0	960 0 0	1	80 0 0	80 0 0	480 0 0			
Storekeepers ...	9	35 0 0	315 0 0	1,890 0 0	8	35 0 0	280 0 0	1,680 0 0			
Apothecaries ...	1	50 0 0	50 0 0	300 0 0	2	60 to 50	110 0 0	660 0 0			
Peons ...	33	8 0 0	237 0 0	1,422 0 0	30	8 to 7	215 0 0	1,290 0 0			
Lascars ...	9	7 0 0	63 0 0	378 0 0	8	7 0 0	56 0 0	336 0 0			
Office Servants ...	8	4 0 0	10 8 0	63 0 0	8	4 to 3	10 8 0	63 0 0			
Allowances for Rent ...			21,245 8 4	1,27,471 0 0			18,204 13 7	1,09,229 0 0			
Travelling Allowances, including Tentage of Engineers ...				8,000 0 0				3,000 0 0			
Contingencies ...				8,500 0 0				8,500 0 0			
Stationery ...				1,600 0 0				1,600 0 0			
(2.) Maintenance and Renewal of Permanent-way ...				1,500 0 0				1,500 0 0			
(3.) Repairs of Bridges, etc. ...				3,25,000 0 0				3,11,950 0 0			
(4.) Repairs of Stations and Buildings ...				80,000 0 0				91,624 0 0			
(6.) Unclassified expenditure—				36,750 0 0				35,326 0 0			
II. Tools and Plant ...				8,250 0 0				11,200 0 0			
III. Loss on Stores ...				500 0 0				850 0 0			
Total ...				5,92,571 0 0				5,74,329 0 0			

MADRAS, 12th May 1874.

15th June 1874

Sanctioned

RECEIVED

Public Works Department, 22nd July 1874.

DEPARTMENT. half-year ending 31st December 1874.

PROPOSED FOR THE HALF-YEAR ENDING 31st DECEMBER 1874.				DIFFERENCE BETWEEN COLUMNS 2 (a) and 4 (a).		DISTRIBUTION OF CHARGES IN COLUMN 4 (a) BETWEEN		REMARKS.
Number of each Grade.	Maximum rate of Salary.	Total per men-sem.	Total for half year (a).	Increase.	Decrease.	Capital.	Revenue.	
4	5	6	7					
1	Rs. A. P. 1,818 2 11	Rs. A. P. 1,818 2 11	Rs. A. P. 10,909 1 6	Rs. A. P.	Rs. A. P.	Rs.	Rs.	
1	1,015 7 3	1,015 7 3	6,272 11 6	.....	.....	.....	.....	
1	659 1 5	659 1 5	3,954 8 6	.....	.....	.....	.....	
7	863 10 2	6,045 7 2	38,272 11 0	5,181 13 0	.....	.....	.....	One Engineer is entitled to promotion to the higher grade of 1st Class on 1st July 1874.
1	772 11 8	772 11 8	4,636 6 0	.....	.....	.....	.....	
1	659 1 5	659 1 5	3,954 8 6	.....	3,954 8 6	.....	.....	One Engineer has been recommended for promotion from 2nd to 1st Class.
1	454 8 9	454 8 9	2,727 4 6	2,727 4 6	.....	.....	.....	One 3rd Class Engineer is entitled to promotion to the higher grade on 11th November 1874, and an additional Engineer is now on his way to India.
3	409 1 5	1,227 4 3	7,363 9 6	.....	.....	.....	.....	A sum of Rupees 25 per mensem has been added to provide for increase of pay for deserving hands.
8	200 0 0	490 0 0	2,910 0 0	.....	.....	.....	.....	One Draughtsman on Rupees 10 has been dispensed with, and Rupees 5 has been added to that amount to provide for increase of pay for two others.
35	190 0 0	4,670 0 0	28,020 0 0	.....	.....	.....	.....	An extra writer has been employed under Government sanction for the Engineer in charge of Protective Works.
1	350 0 0	350 0 0	2,100 0 0	.....	.....	.....	.....	This includes the Apothecary sanctioned and now employed at the Huggery Bridge, and also provides for an higher rate of pay for the Apothecary at the Cheygar.
17	200 0 0	1,117 0 0	6,702 0 0	150 0 0	.....	.....	.....	Two Peons, at Rupees 7 each, have been sanctioned and employed for the Engineer in charge of Protective Works.
18	200 0 0	1,080 0 0	6,480 0 0	30 0 0	.....	.....	.....	
20	50 0 0	730 0 0	4,380 0 0	120 0 0	.....	.....	.....	
2	80 0 0	160 0 0	960 0 0	.....	.....	.....	.....	
9	35 0 0	315 0 0	1,890 0 0	.....	.....	.....	.....	
2	60 0 0	120 0 0	720 0 0	420 0 0	.....	.....	.....	
35	8 0 0	251 0 0	1,506 0 0	84 0 0	.....	.....	.....	
9	7 0 0	63 0 0	378 0 0	.....	.....	.....	.....	
8	4 0 0	10 8 0	63 0 0	.....	.....	.....	.....	
		23,038 4 10	1,32,229 0 0	8,713 1 6	3,954 8 6	27,374	1,04,855	
			3,000 0 0	.....	.....	.....	8,000	
			8,500 0 0	.....	.....	.....	8,500	
			1,200 0 0	.....	400 0 0	.....	1,200	
			2,000 0 0	500 0 0	.....	.....	2,000	
			3,25,000 0 0	.....	.....	.....	3,25,000	
			90,000 0 0	10,000 0 0	.....	.....	90,000	
			37,500 0 0	750 0 0	.....	.....	37,500	
			9,500 0 0	1,250 0 0	.....	.....	9,500	
			500 0 0	.....	.....	.....	500	
			8,09,429 0 0	21,213 1 6	4,354 8 6	27,374	5,82,055	

(Signed) R. B. ELWIN,
Agent and Manager.

(Signed) T. H. GOING,
Acting Chief Engineer.

*Proceedings of the Madras Government, Public Works Department,
22nd July 1874.*

BLADRAS, 12th May 1874. Sanctioned. (Sd.) J. H. M. SHAW-STEWART, Lieut.-Colonel, R.E., <i>Consulting Engineer for Railways.</i>	* To be supplied by Traffic Department. (Sd.) R. B. ELWIN, <i>Agent and Manager.</i> (Sd.) T. H. GOING, <i>Ag. Chief Engineer.</i>
15th June 1874.	

15th June 1874.

Proposed Establishment for the half-year ending 31st December 1874.

ESTABLISHMENT FOR THE PREVIOUS HALF-YEAR ENDED 30TH JUNE 1874.	Sanctioned.				Actuals.				6	DIFFERENCE BETWEEN TWO COLUMNS 2 (a) AND 4 (a).	DISTRIBUTION OF CHARGES IN COLUMN 4 (a) BETWEEN
	Grade of each	Maximum rate of Salary.	Total amount per manseem.	Total for half- year (a).	Number of each Grade.	Rate of Salary paid.	Total amount paid per man- seem.	Total for half- year.			
Locomotive and Carriage Superintendent ...	1	...	1,636	9,816	1	1,636	1,636	9,816	RS.	RS.	RS.
First Assistant do. ...	1	...	682	4,092	1	509	309	3,954	...	816	317
Second do. ...	1	...	409	2,454	1	289	289	1,734	...	270	211
Accountant... ..	1	...	400	2,400	1	400	400	2,400	...	...	232
Office Establishment.											
Clerks	68	150	2,550	15,300	67	15 to 150	2,295	13,770	68	150	2,550
Moohies	2	10	19	114	2	9 and 10	19	114	2	10	19
Duffadars	2	10	20	120	1	8	8	48	2	10	19
Peons (Madras and Up-country Stations) ...	4	8	32	192	4	8	32	192	4	8	32
Draughtsman	20	7	140	840	19	7	133	798	20	7	140
Foremen in charge of Divisions	1	...	60	860	1	35	35	210	...	...	60
Do.	7	350	2,450	14,700	6	350	2,100	12,600	7	350	2,450
Do.	3	300	600	3,600	3	300	1,000	6,000	3	300	1,000
Do.	3	350	1,050	6,300	3	350	1,050	6,300	3	350	1,050
Do.	3	300	900	5,400	3	300	900	5,400	3	300	900
Do. do.	1	...	150	900	1	150	150	900	1	...	150
Assistant Locomotive Foreman	6	218	1,309	7,854	6	218	1,309	7,854	6	218	1,309
Engine Drivers, Coreranted... ..	...	...	...	62,500	...	...	...	62,500	...	...	...
Do., Uncovenanted, borne on Muster ...	...	...	...	18,611	...	...	...	18,611	...	...	...
Roll	...	...	...	5,958	...	...	...	5,958	...	...	...
Firemen	5	236	993	5,958	5	236	993	5,958	5	236	993
Erectors and Fitters	1	...	...	1,416	1	...	...	1,416	1	...	...
Do. do.	1	...	...	1,416	1	...	...	1,416	1	...	...
Boiler Smith	1	...	...	1,416	1	...	...	1,416	1	...	...
Saw Setter	1	65	825	1,950	2	55 & 65	120	720	6	65	825
Carriage Examiners	6	...	...	1,950	6	...	...	1,950	6	...	...

Proposed Establishment for the half-year ending 31st December 1874.—(Concluded.)

[illegible]

(Signed) **E. C. BOODLE,**
Aq. Locomotive Superintendent.

(Signed) R. B. ELWIN,
Agent and Manager.

(Signed) J. H. M. SHAW-STEWART, Lieut.-Colonel, R.E.,
Sanctioned. Consulting Engineer for Railways.

ADPRA, 1874.

July 1951

15th June 1874.

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The sums provided for the salaries of the							1st and 2nd Assistant Superintendents during
							the half-year ending 31st December 1874 are
							in accordance with the sanction communicated
							in a letter from the Board, No. 528, dated 27th
							March 1874, and are less than the amounts
							entered in column 2 of the list, owing to its having been considered desirable to make a revision
							in the salaries, as previously sanctioned for these appointments, in consequence of a change in the
							incumbents.
1st Assistant	Locomotive	and Carriage	Superin-				816
tendent	...	...	...	...	...	...	270
2nd do.	do.	do.	...	...	...	...	

The sums provided for the salaries of the							1st and 2nd Assistant Superintendents during
							the half-year ending 31st December 1874 are
							in accordance with the sanction communicated
							in a letter from the Board, No. 528, dated 27th
							March 1874, and are less than the amounts
							entered in column 2 of the list, owing to its having been considered desirable to make a revision
							in the salaries, as previously sanctioned for these appointments, in consequence of a change in the
							incumbents.
1st Assistant	Locomotive	and Carriage	Superin-				816
tendent	...	...	...	...	...	...	270
2nd do.	do.	do.	...	...	...	...	

incumbents.

2. The amounts shown in the "sanctioned" column under these two heads in the list under reference are, respectively, Rupees 62,500 and Rupees 18,611. These figures are much below the sums originally submitted for sanction in the establishment list for the current half-year, the original figures having been revised in accordance with a desire expressed in Stores Committee, and in consultation with the Government Examiner of Railway Accounts.

	1905-6	1906-7	1907-8	1908-9	1909-10	Increase. Rs.
Engine Drivers	...	...	...	...	...	} 3,924
Uncovenanted, borne on the Muster Roll	...	...	...	...	...	
Firemen do. do.	...	...	...	...	...	

3. From the actual expenditure under these heads during the months of January, February, and March 1874, it would appear that the revised provision made will probably be insufficient to meet the actual outlay, and the expediency of making a slightly increased provision for the expenditure in the ensuing half-year will, therefore, be evident.

4. The actuals referred to for January, February, and March 1874, stand as follows:—

		Engine Drivers borne on Muster Roll.	Firemen borne on Muster Roll.
		RS.	RS.
January 1874	... ..	12,571	3,705
February "	... ..	10,120	3,192
March "	... ..	10,967	3,093
	Total...	33,658	9,990

5. The totals, Rupees 33,658 and Rupees 9,990, represent the outlay on Uncovenanted Engine Drivers and Firemen's wages for a period of three months, and if the expenditure for six months is estimated at double these sums, the amounts will stand, respectively, as Rupees 67,316 and Rupees 19,980. A small provision should, however, be made for unforeseen contingencies, and for the slight variation in expenditure which invariably occurs in regulating so large a staff as that represented by the above figures. If therefore an addition of 5 per cent. is made to the expenditure estimated for the six months, the estimated outlay would be Rupees 70,682 for wages of Uncovenanted Engine Drivers, and Rupees 20,979 for Uncovenanted Firemen. The amounts provided in column 4 of the list are, as will be seen, less than these sums, due allowance having been made, in preparing the estimate, for the probable slight decrease in expenditure due to the transfer of several men in these grades from this line to the East Indian Railway.

							Increase. Rs.	
uel	...	...	...	...	...	...	81,143	

7. The actual expenditure for the three months ending 31st March 1874, for all descriptions of fuel consumed amounts to Rupees 1,48,163, giving for the six months ending 30th June 1874.

*Proceedings of the Madras Government, Public Works Department,
22nd July 1874.*

an estimated total expenditure of about, say, Rupees 2,96,326. The cost of fuel, particularly coal, is, however, liable to so constant variation that, in estimating for future expenditure, it is considered necessary to allow a margin beyond the figures last quoted, and an addition of 5 per cent. has therefore been made. This percentage, calculated upon Rupees 2,96,326, would increase that sum by Rupees 14,817, or make a total sum of Rupees 3,11,143, the amount shown under the head of fuel in column 4 of the list.

8. In the case of these two items, a slight excess is shown in the amounts proposed for the half-year ending 31st December 1874, as compared with the sums entered in the sanctioned column No. 2. The additional provision is considered necessary, in consequence of the expenditure under these heads being liable to slight variation, owing to fluctuations in the prices of the stores used. The amounts shown in the sanctioned column, it is feared will scarcely be sufficient to meet actual outlay under these heads during the current half-year, judging from the expenditure incurred up to the end of March 1874.

9. With regard to this item, the sum shown in the sanctioned column is considerably less than the amount which was originally estimated when the last establishment list was submitted; a revision having been made as in the previous cases mentioned.

10. The actual expenditure on this account during the months of January, February, and March last was, respectively, Rupees 22,280, Rupees 25,117, and Rupees 28,914, or in all Rupees 76,320, which would give for the six months an estimated outlay of about Rupees 1,52,640; and if to this amount is added a small sum for unforeseen contingencies and the cost of the extra labour which will probably have to be employed in connection with the thirty-six timber trucks, for the renewal of which the sanction of Government has just been accorded, and which are urgently required by the Traffic Department, it will, I think, be evident that the sum which has been provided is as close an approximation as can be made; and it is anticipated that the provision under this head will not be, by any means, in excess of what the actual outlay will be.

11. Under these three heads a reduction is shown in the amounts proposed for the ensuing half-year, as compared with those sanctioned for the current six months.

12. In the first item the reduction is comparatively inconsiderable, and is chiefly owing to a slight decrease in the average prices of stores used for running vehicles.

13. The second and third items show a very large decrease as compared with the sanctioned sums. This is principally caused in consequence of a large quantity of highly-priced material having been included in the estimate of expenditure for the current half-year, which it is not considered necessary to provide for during the ensuing six months.

14. The provision made for the outlay under the head of stationery slightly exceeds the sum sanctioned for the current half-year, the estimate is based upon the actual charges incurred under this head in January, February, and March last, this being considered the most accurate mode of arriving at the probable outlay. The actual expenditure, however, may possibly be somewhat within the sum provided.

19th May 1874.

(Signed) E. C. BOODLE,
Acting Locomotive Superintendent.

*Proceedings of the Madras Government, Public Works Department,
22nd July 1874.*

Traffic Department Proposed Establishment for the half-year ending 31st December 1874.

ESTABLISHMENT FOR THE PREVIOUS HALF-YEAR ENDED 30TH JUNE 1874.													PROPOSED FOR THE HALF-YEAR ENDING 31st DECEMBER 1874.				DIFFERENCE BETWEEN COLUMNS 2 (a) AND 4 (a).		DISTRIBUTION OF CHARGES IN COLUMN 4 (a) BETWEEN.		Remarks.
Sanctioned.					Actuals.					Number of each grade.	Maximum rate of salary.	Total amount per mensem.	Total for half-year (a).	Increase.	Decrease.	Capital.	Revenue.				
Number of each grade.	Maximum rate of salary.	Total amount per mensem.	Total for half-year (a).	Number of each grade.	Rate of salary paid.	Total amount paid per mensem.	Total for half-year.														
1	2				3				4				5		6						
Manager	1	Rs. A. P.	Rs. A. P.	Rs. A. P.	1	Rs. A. P.	Rs. A. P.	Rs. A. P.	1	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs.	Rs.	Increased salary sanctioned. Increase of Mr. Byrnes' salary.			
Traffic Manager	1	.....	1,468 10 2	8,911 13 0	1	.....	1,468 10 2	.....	1	.....	741 13 0	4,450 14 0	545 7 0	.....	.....	.....	.....				
Asst. do.	5	519 1 5	2,363 10 1	14,181 12 6	5	365 2 11	2,314 8 7		5	519 1 5	2,394 8 7	14,367 3 6	185 7 0					Progressive increase in rate of pay.			
Masters	115	250 0 0	6,250 0 0	37,500 0 0	120	250 0 0	6,000 0 11	.....	120	250 0 0	6,250 0 0	37,500 0 0	.....	.....	.....	.....	.....				
Clerks	135	100 0 0	4,567 0 0	27,402 0 0	161	100 0 0	4,152 6 4	.....	161	100 0 0	4,567 0 0	27,402 0 0	.....	.....	.....	.....	.....				
Clerks	130	250 0 0	3,017 14 0	18,297 4 0	123	250 0 0	2,914 15 0	.....	130	250 0 0	3,047 14 0	18,287 4 0	.....	.....	.....	.....	.....				
Eng. Staff	27	60 0 0	800 0 0	4,800 0 0	21	60 0 0	620 14 8	.....	27	60 0 0	800 0 0	4,800 0 0	.....	.....	.....	.....	.....				
Porters	48	70 0 0	1,400 0 0	8,400 0 0	41	75 0 0	1,423 0 1	.....	43	70 0 0	1,450 0 0	8,700 0 0	300 0 0	.....	.....	.....	.....				
Porters	508	9 0 0	3,490 0 0	20,400 0 0	523	10 0 0	3,345 7 11	.....	523	9 0 0	3,400 0 0	20,400 0 0	.....	.....	.....	.....	.....				
Porters of Points.	3	45 0 0	150 0 0	900 0 0	3	50 0 0	125 0 0	.....	3	45 0 0	150 0 0	900 0 0	.....	.....	.....	.....	.....				
Men	300	11 0 0	2,250 0 0	13,500 0 0	293	11 0 0	2,150 14 0	.....	300	11 0 0	2,250 0 0	13,500 0 0	.....	.....	.....	.....	.....				
Men	150	9 0 0	1,000 0 0	6,000 0 0	131	9 0 0	919 6 11	.....	145	9 0 0	950 0 0	5,700 0 0	.....	.....	300	.....	.....				
Men	200	8 0 0	1,150 0 0	6,900 0 0	192	8 0 0	1,160 2 0	.....	200	8 0 0	1,160 2 0	6,960 12 0	60 13 0	.....	.....	.....	.....				
Room Attend.	13	10 0 0	90 0 0	540 0 0	8	10 0 0	111 8 1	.....	12	10 0 0	90 0 0	540 0 0	.....	.....	.....	.....	.....				
Room Attend.	110	100 0 0	5,700 0 0	34,200 0 0	116	100 0 0	5,465 8 6	.....	120	100 0 0	5,790 0 0	34,200 0 0	.....	.....	.....	.....	.....				
Angallow Attend.	13	10 8 0	116 0 0	696 0 0	14	.....	111 8 1	.....	13	10 8 0	116 0 0	696 0 0	.....	.....	.....	.....	.....				
Cooks	14	8 0 0	95 0 0	570 0 0	14	.....	90 8 0	.....	14	8 0 0	95 0 0	570 0 0	.....	.....	.....	.....	.....				
Cleaners	43	25 0 0	315 0 0	1,890 0 0	43	25 0 0	318 13 2	.....	43	25 0 0	319 0 0	1,914 0 0	24 0 0	.....	.....	.....	.....				
Repairs	45	80 0 0	550 0 0	3,300 0 0	41	80 0 0	470 0 0	.....	45	80 0 0	550 0 0	3,300 0 0	.....	.....	.....	.....	.....				
Men and Gard.	.....	.....	.....	.....	2	16 0 0	24 0 0	.....	2	16 0 0	24 0 0	144 0 0	144 0 0	.....	.....	.....	.....				
Madras.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
Agency	142	7 0 0	777 0 0	4,662 0 0	141	7 0 0	774 4 9	.....	145	7 0 0	790 0 0	4,630 0 0	18 0 0	.....	.....	.....	.....				
Signalers	86	100 0 0	2,730 0 0	16,580 0 0	75	100 0 0	2,616 8 11	.....	86	100 0 0	2,750 0 0	16,500 0 0	180 0 0	.....	.....	.....	.....				
Signalers	6	30 0 0	180 0 0	1,080 0 0	4	30 0 0	144 5 8	.....	7	30 0 0	210 0 0	1,260 0 0	180 0 0	.....	.....	.....	.....				
Office for Rent	.....	.....	2,017 0 0	12,102 0 0	.....	.....	1,041 14 3	.....	.....	.....	30,383 15 9	1,850 0 0	.....	.....	.....	.....	.....				
Office for Rent	.....	.....	3,951 0 0	23,706 0 0	.....	.....	6,009 14 2	.....	.....	.....	1,050 0 0	6,300 0 0	.....	.....	1,446	.....	.....				
Office for Rent	.....	.....	3,852 0 0	23,112 0 0	.....	.....	2,367 10 1	.....	.....	.....	726 0 0	4,355 0 0	.....	.....	.....	.....	.....				
Office for Rent	.....	.....	400 0 0	2,400 0 0	.....	.....	1,060 0 4	.....	.....	.....	5,500 0 0	33,000 0 0	9,291 0 0	.....	.....	.....	.....				
Office for Rent	.....	.....	1,019 0 0	6,114 0 0	.....	.....	463 0 0	.....	.....	.....	3,852 0 0	23,112 0 0	.....	.....	.....	.....	.....				
Office for Rent	.....	.....	4,400 0 0	26,400 0 0	.....	.....	5,427 13 6	.....	.....	.....	500 0 0	3,000 0 0	601 0 0	.....	.....	.....	.....				
Office for Rent	.....	.....	833 5 4	5,000 0 0	.....	.....	1,000 0 0	.....	.....	.....	800 0 0	4,800 0 0	.....	.....	1,314	.....	.....				
Office for Rent	.....	.....	1,650 0 0	9,900 0 0	.....	.....	1,589 0 0	.....	.....	.....	5,300 0 0	31,800 0 0	5,400 0 0	.....	.....	.....	.....				
Office for Rent	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,000 0 0	6,000 0 0	1,000 0 0	.....	.....	.....	.....				
Office for Rent	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,713 0 0	81,258 0 0	.....	.....	.....	.....	.....				
Office for Rent	130	300 0 0	57,193 6 1	343,160 4 6	.....	.....	57,375 9 7	.....	130	300 0 0	1,650 0 0	9,900 0 0	.....	.....	.....	.....	.....				
Office for Rent	.....	.....	57,193 6 1	343,160 4 6	.....	.....	57,375 9 7	344,253 9 6	.....	.....	59,641 15 9	357,851 14 6	17,751 10 0	3,000	.....	.....	.....				

(Signed) H. E. CHURCH,

DRAS,
June 1874.

(Signed) R. B. ELWIN,
Agent and Manager.

15th June 1874.

(Signed) H. E. CHURCH,
Traffic Manager.
Sanctioned.
(Signed) J. H. M. SHAW-STEWART, Lieut.-Colonel, R.E.,
Consulting Engineer for Railways.

Proceedings of the Madras Government, Public Works Department,
22nd July 1874.

No. 497. ORDER THEREON, 22nd July 1874, No. 1,978.

RAILWAY, No. 53.

ORDERED that these lists be forwarded to the Government of India.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

No. 498. (DOCKET No. 1,979, dated 22nd July 1874.)
Copy of the above forwarded to the Government of India.
(True Extract.)

Colonel, R.E.,
Secretary to Government.

Railway Department.

CONSULTING ENGINEER'S OFFICE.

No. 350.

From

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

Consulting Engineer for Railways.

To

COLONEL G. W. WALKER, R.E.,

Secretary to Government,

Public Works Department,

Fort Saint George.

Sir,

* Agent and Managers
Chief Auditor's
Chief Accountants
General Charges
Cashiers
General Stores
Consulting Physicians
Engineering
Electric Telegraph
Locomotives with explanation
of traffic

I have the honour to forward, for submission to the Government of India, the establishment lists of the Madras Railway for the half-year ending 31st Decr. 1874, as sanctioned by me at a meeting held at Royapuram for the purpose.

The increases which have been found necessary are few in number, and explanation regarding

Exd. E. C. Shuckler.
Spare Copies

regarding them is given in the lists. The only points to which it seems necessary to refer here are connected with the Locomotive Department. The large increase under the head of fuel is caused by the enhanced price of coal; and the increase under the wages of workmen is rendered necessary by the large number of vehicles which now come into the shops for repair and renewal.

I have the honour to be,

Sir,

Your most Obedt. Servant,

Madras
15th June
1874
Wm. Towns S.C.
Secy. to the Govt. of Railway

Statement Explanatory of the several increases and decreases in the proposed Expenditure in the Locomotive Department, as shown in Column 5 of the Establishment List for the half year ending December 31st 1874.

1 st Assistant Loco and Carriage Superintendent	Decrease Rs.	816.
2 nd " " " "		

270.

The sums provided for the salaries of the 1st and 2nd Assistant Superintendents during the half year ending 31st December 1874 are in accordance with the Sanction Communicated in a letter from the Board, N^o 528 dated 24th March 1874, and are less than the amounts entered in Column 2 of the List, owing to its having been considered desirable to make a revision in the salaries, as previously sanctioned for those appointments, in consequence of a change in the incumbents.

Engine Drivers -	Increase Rs.	3924
Uncovenanted boys on the Muster Roll		

1184

The amounts shown in the "Sanctioned Column" under these two heads, in the List under reference, are respectively Rs 62,500, and Rs 18,611. These figures are much below the sums originally submitted for sanction in the Establishment List for the current half year, the original figures having been revised in accordance with a decision expressed in Stores Committee, and in consultation with the Government Examiner of Railway Accounts.

From the actual expenditure under these heads, during the months of January, February, and

2. 255

and March 1844, it would appear that the revised provision made will probably be insufficient to meet the actual outlay, & the expediency of making a slightly increased provision for the expenditure in the ensuing half year will therefore be evident.

The actuals referred to for January, February and March 1844, stand as follows:-

	Engine Drivers borne on Muster roll	Firemen borne on Muster roll.
1844		
January	12541	3405
February	10120	3172
March	10764	3093
Total	33658	9990

The totals £33658 and £9990 represent the outlay on uncovenanted Engine Drivers and Firemen's wages for a period of three months, and if the expenditure for six months is estimated at double these sums, the amounts will stand respectively as £67316 and £19980. A small provision should, however, be made for unforeseen contingencies, and for the slight variation in expenditure which invariably occurs in regulating so large a staff as that represented by the above figures. If therefore an addition of 5 per cent is made to the expenditure estimated for the six months, the estimated outlay would be £70682 for wages of uncovenanted Engine Drivers, and £20979 for uncovenanted Firemen. The amounts provided in column 11 of the List are, as will be seen, less than these sums,

dur

3.
 The allowance having been made in preparing
 the Estimate, for the probable slight decrease
 in expenditure due to the transfer of several
 men in these grades from this Line to the
 East Indian Railway.

Fuel
 Increase
 Rs 31,143.

Under this head, a considerable reduction
 was also made in the amount originally provided
 in the Establishment List for the current half
 year, and the actual outlay during this period
 will, as in the case of the last items provided,
 probably be in excess of the provision.

The actual expenditure for the three months
 ending March 31st 1874 for all descriptions of
 fuel consumed, amounts to Rs 148,163, giving
 for the six months ending June 30th 1874, an
 estimated total expenditure of about say
 Rs 296,326. The cost of fuel, particularly
 coal, is however liable to so constant variation
 that, in estimating for future expenditure, it
 is considered necessary to allow a margin
 beyond the figures ^{last} quoted, and an addition
 of five percent has therefore been made. This
 percentage, calculated upon Rs 296,326 would
 increase that sum by Rs 14,817, or make a
 total sum of Rs 311,143, the amount shown
 under the head of fuel in Column 4 of the List.

Water including
 Wages & Stores... } Increase
 Oil, Tallow & Stores } Rs 807
 for Engines at Works } Rs 6011

In the case of these two items, a slight
 excess is shown in the amounts proposed
 for the half year ending 31st December 1874,
 as compared with the sums referred to in
 the Sanctioned Column N^o 2. The additional
 provision

provision is considered necessary in consequence of the expenditure under these heads being liable to slight variation owing to fluctuations in the prices of the stores used. The amounts shown in the sanctioned column, it is feared, will scarcely be sufficient to meet actual outlay under these heads during the current half year, judging from the expenditure incurred up to the end of March 1874.

Wages of Workmen borne	}	Inman
in Lees' Muster Hall....		
" Carriage and...	}	10412
Wagon do...		

With regard to this item, the sum shown in the sanctioned column is considerably less than the amount which was originally estimated when the last Establishment List was submitted; a revision having been made, as in the previous cases mentioned.

The actual Expenditure on this account during the months of January, February and March last, was respectively Rs 22,289, Rs 25,117, and Rs 28,924, or in all Rs 76,320, which would give for the six months an estimated outlay of about Rs 152,640; and if to this amount is added a small sum for unforeseen contingencies, and the cost of the extra labor which will probably have to be employed in connection with the 36 Timber Trucks, for the renewal of which the sanction of Government has just been accorded, and which are urgently required by the Traffic Department, it will, I think, be evident that the sum which has been provided is as close an approximation as can be made, and it is anticipated that the provision under this head will not be, by any means,

Stores, Oil, Grease &c for running Vehicles.	Decreases 138 ⁷ / ₄
Materials for repairs & Repair of ^{all machinery} ~~Locomotives~~	2687 ⁵ / ₁₀₀
do do Carriage and Waggon.	1069 ² / ₁₀₀

Stationery &c - ^{Increase} 82

in excess of what the actual outlay under
this head will be.

Under these three heads a reduction is shown
in the amounts proposed for the ensuing half year,
as compared with those sanctioned for the current
six months.

In the first item the reduction is ^{comparatively} inconsiderable,
and is chiefly owing to a slight decrease in the
average prices of stores used for running vehicles.

The second and third items show a very
large decrease as compared with the sanctioned
sums. This is principally caused in consequence
of a large quantity of highly priced material
having been included in the estimate of
expenditure for the current half year, which
is not considered necessary to provide for during
the ensuing six months.

The provision made for the outlay under
the head of Stationery slightly exceeds the sum
sanctioned for the current half year. The estimate
is based upon the actual charges incurred under
this head in January, February and March
last, this being considered the most accurate
mode of arriving at the probable outlay. The
actual expenditure however may possibly be
somewhat within the sum provided.

W. S. Mills
Acting Comptroller
May 19th 1874.

Stores, Oil, Grease &c for running Vehicles.	Decreases 138 ⁷ / ₄
Materials for repairs & Repair of ^{all machinery} ~~Locomotives~~	2687 ⁵ / ₁₀₀
do do Carriage and Waggon.	1069 ² / ₁₀₀

Stationery &c - ^{Increase} 82

in excess of what the actual outlay under
this head will be.

Under these three heads a reduction is shown
in the amounts proposed for the ensuing half year,
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six months.

In the first item the reduction is ^{comparatively} inconsiderable,
and is chiefly owing to a slight decrease in the
average prices of stores used for running vehicles.

The second and third items show a very
large decrease as compared with the sanctioned
sums. This is principally caused in consequence
of a large quantity of highly priced material
having been included in the estimate of
expenditure for the current half year, which
is not considered necessary to provide for during
the ensuing six months.

The provision made for the outlay under
the head of Stationery slightly exceeds the sum
sanctioned for the current half year. The estimate
is based upon the actual charges incurred under
this head in January, February and March
last, this being considered the most accurate
mode of arriving at the probable outlay. The
actual expenditure however may possibly be
somewhat within the sum provided.

W. S. Mills
Acting Comptroller
May 19th 1874.

Stores, Oil, Grease &c for running Vehicles.	Decreases 138 7/8
Materials for repairs Repair of ^{to} ~~to~~ Carriage and Waggon.	
	268 75
	106 92

Stationery &c - ^{Increase} 62

in excess of what the actual outlay under
this head will be.

Under these three heads a reduction is shown
in the amounts proposed for the ensuing half year,
as compared with those sanctioned for the current
six months.

In the first item the reduction is ^{comparatively} inconsiderable,
and is chiefly owing to a slight decrease in the
average prices of stores used for running vehicles.

The second and third items show a very
large decrease as compared with the sanctioned
sums. This is principally caused in consequence
of a large quantity of highly priced material
having been included in the estimate of
expenditure for the current half year, which
is not considered necessary to provide for during
the ensuing six months.

The provision made for the outlay under
the head of Stationery slightly exceeds the sum
sanctioned for the current half year. The estimate
is based upon the actual charges incurred under
this head in January, February and March
last, this being considered the most accurate
mode of arriving at the probable outlay. The
actual expenditure however may possibly be
somewhat within the sum provided.

W. S. Mills
Acting Comptroller
May 19th 1874.

0-1978-11979-
22-4-74-
x Mr 3655/74.

Pg. 2) 22 July/74
In 8N° 456

0-1978-11979-
22-4-74-
x Mr 3655/74.

Pg. 2) 22 July/74
In 8N° 456

P. W. 1874 Sept.
RAILWAY DEPARTMENT.

No: 3655

From

The Consulting Engineer
for Railways,

To

The Secretary to Government,
P. W. Department,
Fort Saint George.

Dated 15 June 1874.
Recd. 16

No. 350

Enclaves

Submitting lists
of establishments of
the Madras Railway
for the half-year
ending 31 December
1874.

To the Secy of India

Ordered that these lists be forwarded

to the Secy of India

Copies of the above forwarded to

To the Secy of India
10/3/74

10/3/74

496-498

22/1/74
Recd to Secy of India 17/1/74

30/6/74

