

Public Works (1897) Department

G.O., No. 83-84R

DATED 4. February 1897

[Despatch Abstract.]

*Special Meeting, Madras Railway, the minutes
of a - held on the 8th December 1896 approved
and copies ordered to be forwarded to the
Govt of India.*

Forwarded

FURTHER PAPERS.

[illegible]

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

(A. 1.)

No 46

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 16 January 1897

From

The Agent and Manager.
J. H. C.

To

*The Consulting Engineer for Railways.
Madras.*

I have the honor to forward herewith, for your countersignature and return, a proof copy of the minutes of the special meeting held on 6th December 1896 to consider the re-establishment of the current half year.

I have the honor, to be.

Sir,
 Your most Obedt. Servant

Henry Clowes

Ag. Agent & Manager.

100

C. No. 223
Recd. 15/1/97

[Handwritten notes in Tamil script, mostly illegible due to bleed-through and fading.]

Form No. 21.
500-4-0-50.

25
1-1-97
RAILWAY ACCOUNTS, MADRAS

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 16th January 1897

No. 188

OFFICE NOTE.

Letter from the Agent, *Manager*, Madras Railway, No. 46
dated 14th January 1897, forwarded to the Examiner of Railway
Accounts, for *favor of remarks.*

[Signature]

for E. R.

15/1

EXAMINER'S REPLY.

Checked as far as possible
and found correct. The *Minutes*
may be passed by E.R.

[Signature]

E.R.

20-1-97

20-1

Form No. 4

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, *21st January 1897.*

To

AGENT AND MANAGER, M. R.

No. 257 Reply No. , dated

SIR,

*With reference
to your letter No: 46 of
14th January 1897, I have
the honour to return,
duly countersigned, the
proof copy of the Minutes
of the Special
Committee held on 8th
December 1896.*

JH 21/1/97

Reminders.

Despatched on

21/1/97

Subject.

JH 21/1/97

Madras Railway Company,

AGENT & MANAGER'S OFFICE,

Madras,

From

Ag.
THE AGENT AND MANAGER,

M. R. Co.

To

*The Consulting Engineer
for Railways.
Madras.*Dated 29th

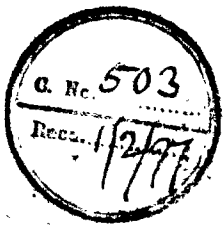
Received

} *January 1897.*No. *8813**113*

The undersigned has the honor to forward
herewith *for information 25*
printed copies of the Minutes
of a special meeting held on
the 8th December 1896, to consider
the Establishment Rolls for
the half year ending 30 June '97.

(25 Encls.)

Henry Clavel
Ag. Agent and Manager.



Private and Confidential—for the use of Heads of Departments only.

MADRAS RAILWAY.

MINUTES OF A SPECIAL MEETING

HELD AT THE

AGENT AND MANAGER'S OFFICE, RAYAPURAM TERMINUS,

On Tuesday, the 8th December 1896.

PRESENT.

H. C. WEST, *Ag. Agent and Manager.*
A. EDWARDS, *Asst. to do.*
E. W. STONEY, *Ag. Chief Engineer.*
D. ROSS-JOHNSON, *Ag. Traffic Manager.*
C. E. PHIPPS, *Loco. Superintendent.*
F. DUNSTERVILLE, *Chief Auditor.*

F. D. FOWLER, *Offg. Consulting Engineer
for Railways.*

E. A. WALLER, MAJOR, R.E., *Examiner of
Railway Accounts.*

ESTABLISHMENT LISTS FOR THE HALF-YEAR ENDING 30th JUNE 1897.

The lists of the establishments proposed for the undermentioned departments during the half-year ending 30th June 1897, were submitted and considered, namely :—

Agent and Manager's.
Chief Auditor's.
General Stores.
Medical.
Telegraph.
Engineering.

Locomotive.
Traffic.
Railway School Establishment.
Police.
Miscellaneous.

These lists, which were accepted as revised in Committee, will be forwarded to the Consulting Engineer for the sanction of Government. The details of Maintenance Charges, Engineering Department, and Station Staff, Traffic Department, are given in the Appendix.

HENRY C. WEST,
Ag. Agent and Manager.

F. D. FOWLER,
for Consulting Engineer for Railways.

Appendix to the Minutes of a Special Meeting held in the Agent and Manager's Office on the 8th December 1896.

MADRAS RAILWAY.

Engineering Department.

Statement showing the Location of Employees provided for in the proposed Establishment for the half-year ending 30th June 1897.

Statement showing the Location of Employees provided for in the P.F. Bill.													
PARTICULARS.	1st District.			2nd District.		3rd District.		Terminal Works.	Engineering Workshops.	Special Duty.	Relieving Officers.	Total.	REMARKS.
	Madras to Mallapuram including Bangalore Branch up to Pettah and K. G. F. Railway.	Mallapuram to Calicut including Nilgiri and Palghat Branches.		Arkonam to Raichur.									
District Establishment.													
District Engineers	1	1	1	1	1	1	1	1	1	1	1	3	
Assistant Engineers	1	1	1	1	1	1	1	1	1	1	1	7	
Sub-Assistant Engineer	1	1	1	1	1	1	1	1	1	1	1	7	
Engineering Assistant	1	1	1	1	1	1	1	1	1	1	1	7	
Permanent Way Inspectors	8	6	8	8	6	8	8	8	8	8	8	28	
Probationary Inspectors	4	2	2	2	2	2	2	2	2	2	2	4	
Sub-Inspectors	6	8	7	7	8	7	7	7	7	7	7	24	
Inspector's Assistants	1	1	1	1	1	1	1	1	1	1	1	1	
Bridge Inspectors	1	1	1	1	1	1	1	1	1	1	1	1	
Covenanted Inspector of Points, Crossings and Signals	1	1	1	1	1	1	1	1	1	1	1	1	
Superintendent of Engineering Workshops	1	1	1	1	1	1	1	1	1	1	1	1	
Clerks, Accountants, Inspector's Writers, Time-keepers and Store Writers, &c.	19	17	17	17	17	17	17	17	17	17	17	74	
Store-keepers	1	1	1	1	1	1	1	1	1	1	1	4	
Book-keeper	1	1	1	1	1	1	1	1	1	1	1	1	
Peons and Lascars	4	4	5	5	4	5	5	5	5	5	5	18	
European and Native Watchmen	1	1	1	1	1	1	1	1	1	1	1	5	
Draftsmen	1	1	1	1	1	1	1	1	1	1	1	3	

(Sd.) E. W. STONEY,
Ag. Chief Engineer.

MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE,
26th October 1896.

MADRAS RAILWAY.

Estimate for Maintenance.

Half-year ending 30th June 1897.

1st District, South-West Line, from Madras to Mallapuram, including Bangalore Branch and Kolar Gold Fields Railway.

Miles maintained.	Departmentally.	By Contract.	Total.
	Ms. Ch. Ft.		Ms.
Main Line { Double ... Single (including K.G.F.Ry.)	42 32 34 1/2 x 2	...	84 1/2
Sidings (including K.G.F.Ry.)	237 1/2 0 0	...	237 1/2
	64 1/2 0 0	...	64 1/2
Total ...			387

Head.	Description of Works.	Ordinary.	Extra-ordinary.
	Maintenance, Permanent Way.	Rs.	Rs.
(1) Wages—			
(a) 132 Gangs, Rs. 6,425-1-0 x 6	...	38,550	(d) 2,100
Lorrymen	...	...	...
(b) Establishment, Rs. 2,878-8-0 x 6	...	17,271	...
(2) Materials—			
Ballast, C. yds. 17,778, at Rs. 0-4-6	...	5,000	(c) 10,000
Rails	...	52,123	...
Sleepers	...	38,612	(d) 1,000
General Stores Labor	...	1,799	...
Total, Head II ...		1,48,355	13,100
	Repairs, Wages and Materials.		
(1) { Bridges and Culverts ... Tunnels ... Earthwork ...	...	2,400	* 7,481
(2) { Fences ... Roads and Level Crossings ... Miscellaneous ...	...	3,000 1,500 3,500	800
Total, Head III ...		12,600	(d) 8,481
	Repairs, Wages and Materials.		
(1) { Station Buildings, Yards, &c. ... Signals, Gate Lodges, &c. ...	...	22,600 500	9,700
(2) Staff Quarters	...	6,000	200
Total, Head IV ...		29,100	(d) 9,900
	Maintenance by Contract.		
(1) Amount paid to Contractors	...	...	...
(2) Materials supplied by the Company	...	...	...
Total, Head V ...		...	...
VI. New Minor Works	...	3,567	...
Total, Head VI ...		3,567	...
	Unclassified Expenditure.		
(1) Plantations	...	420	...
(2) Tools and Plant	...	1,500	...
(3) Loss on Stores	...	10,100	...
(4) Loss by Exchange	...	1,02,6.6	...
(5) Carriage of Revenue Stores	...	10,300	...
Total, Head VII ...		1,24,926	...
Grand Total ...		3,18,748	31,481

MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE,
26th October 1896.

(Sd.) E. W. STONEY,
Ag. Chief Engineer.

REMARKS.

132 Gangs employed on District
No. 1 consist—

	Rs.	A.	P.	Rs.	A.	P.
65 Maistries at Rs. 12	780	0	0			
507 13/16 Coolies " " 5	2,539	1	0			
				3,319	1	0
1 Maistry " " 12	12	0	0			
1 Do. " " 11	11	0	0			
52 Maistries " " 10	520	0	0			
3 Head do " " 8	24	0	0			
1 Do. " " 7	7	0	0			
104 Coolies " " 6	624	0	0			
216 Do. " " 5	1,080	0	0			
				2,278	0	0

Required for Pettah sidings.

1 Maistry at Rs. 12	12	0	0
6 Coolies " " 6	36	0	0
	48	0	0

Additional for extra purposes, if any.

2 Maistries at Rs. 10	20	0	0
12 Coolies " " 5	60	0	0
	80	0	0

For K. G. F. Railway.

10 Maistries at Rs. 10	100	0	0
80 Coolies " " 7-8-0	600	0	0
	700	0	0

132 Gangs per month. Total (a) ... 6,425 1 0

	Establishment.	Rs.	A.	P.
1 Section Maistry	at	...	...	...
1 Do. do.	"	...	...	...
1 Do. do.	"	...	...	...
2 Do. do.	"	20	0	0
1 Do. do.	"	...	...	...
1 Do. do.	"	...	...	...
3 Do. do.	"	15	0	0
6 Carpenters	"	19	0	0
7 Do.	"	17	0	0
7 Blacksmiths	"	17	0	0
2 Do.	"	21	0	0
1 Do.	"	...	...	...
2 Do.	"	19	0	0
2 Hammermen	"	9	8	0
4 Do.	"	8	0	0
7 Do.	"	6	0	0
13 Bellows Boys	"	5	0	0
1 Tinker	"	...	...	...
1 Do.	"	...	...	...
1 Painter	"	...	...	...
1 Do.	"	...	...	...
4 Engineer's Lascars	"	7	0	0
3 Store do.	"	7	0	0
18 Do. Watchmen	"	7	0	0
1 Do. do.	"	...	...	...
11 Do. Coolies	"	5	0	0
112 Line Watchmen	"	7	0	0
5 Do. do.	"	7	8	0
71 Do. do.	"	6	0	0
8 Bridge do.	"	7	0	0
2 Patrolling Watchmen	"	15	0	0
3 Staff Bungalow do.	"	7	0	0
Proportional amount of wages of Arkonam Depot Staff	...	...	...	...
Repairs to Turn Tables, Weigh Bridges, &c.	...	280	0	0
Acting allowance for extra men in case of sickness	...	20	0	0
Loading and unloading materials	...	15	0	0
1 Staff Bungalow Butler at Bangalore Cantonment	...	12	0	0
1 Do. Maty	...	7	0	0
1 Do. Cook	...	10	0	0
1 Do. Dhoby	...	2	0	0
Total Rs. (b)		2,878	8	0
(c) Covering sand ballast with broken stones on the Bangalore Branch	...	10,000	0	0
(d) Provision for Revenue portion of the estimate for sanctioned works	...	15,300	0	0
Includes the following to be done by the Terminal Works—				
Repairs to terminal buildings	...	13,000	0	0
Repairs to sliding doors at Salt Cotaurs	...	800	0	0
Erecting wire fencing around the land taken for recreation field and station purposes at Perambur	...	1,000	0	0
† Total Rs.		13,800	0	0
Strengthening girders of bridge at 175 miles, Bangalore Branch	...	4,181	0	0
30-feet opening in lieu of 30-feet arch at 163 miles, Bangalore Branch	...	1,000	0	0
Strengthening girders by timber struts for bridge over Cachrance's Canal	...	1,000	0	0
* Total Rs.		6,181	0	0

MADRAS RAILWAY.

Estimate for Maintenance.

Half-year ending 30th June 1897.

2nd District, South-West Line, from Mallapuram to Calicut, including Nilgiri and Palghat Branches.

Miles maintained.	Departmentally.	By Contract.	Total.
Main Line ... { Double Single ...	Ms. 260½	...	Ms. 260½
Sidings ...	35½	...	35½
Total ...			296½

Head.	Description of Works.	Ordinary.	Extra-ordinary.
Maintenance, Permanent Way.			
(1) Wages—		Rs.	Rs.
(a) 97 Gangs at Rs. 4,772 x 6		28,632	...
Lorrymen ...		...	...
(b) Establishment at Rs. 1,832 x 6		10,992	(c) 82 (d) 400
(2) Materials—			
Ballast, 8,000 C. yds. at 4 annas		2,000	...
Rails ...		22,895	(c) 410
Sleepers ...		8,000	(d) 350
General Stores Labour ...		1,379	...
Total, Head II ...		73,898	1,242
Repairs, Wages and Materials.			
(1) { Bridges and Culverts ...		(e) 4,000	600
Tunnels ...		...	...
Earthwork ...		1,500	...
(2) { Fences ...		2,500	200
Roads and Level Crossings ...		1,450	...
Miscellaneous ...		2,800	...
Total, Head III ...		12,250	(d) 800
Repairs, Wages and Materials.			
(1) { Station Buildings, Yards, &c. ...		6,900	100
Signals, Gate Lodges, &c. ...		600	...
(2) Staff Quarters ...		3,900	50
Total, Head IV ...		11,400	(d) 150
Maintenance by Contract.			
(1) Amount paid to Contractors		...	...
(2) Materials supplied by the Company		...	...
Total, Head V ...		...	...
New Minor Works			
...		3,448	...
Total, Head VI ...		3,448	...
Unclassified Expenditure.			
(1) Plantations		600	...
(2) Tools and Plant		1,000	...
(3) Loss on Stores		5,100	...
(4) Loss by Exchange		30,038	...
(5) Carriage of Revenue Stores		1 5,500	...
Total, Head VII ...		42,238	...
Grand Total ...		1,43,224	2,192

MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE,
26th October 1896.

(Sd.) E. W. STONEY,

Ag. Chief Engineer.

REMARKS.

		Rs.	A.	P.			Rs.	A.	P.
1 Gang Maistry	at	13	0	0	...	...	13	0	0
57 Do.	"	12	0	0	...	...	684	0	0
2 Do.	"	11	0	0	...	...	22	0	0
17 Do.	"	10	0	0	...	...	170	0	0
20 Do.	"	9	0	0	...	...	180	0	0
396 Gang Coolies	"	6	0	0	...	...	2,376	0	0
228 Do.	"	5	0	0	...	...	1,140	0	0
34 Head Coolies	"	5	8	0	...	...	137	0	0

Total Rs. (a) 4,772 0 0

Establishment.										
2	Section Maistries	at	20	0	0	...	...	40	0	0
1	Do.	"	...	...	...	...	...	19	0	0
1	Do.	"	...	...	...	...	...	18	0	0
2	Do.	"	17	0	0	...	...	34	0	0
1	Do.	"	15	0	0	...	...	15	0	0
1	Carpenter	"	...	...	...	...	...	22	0	0
3	Carpenters	"	16	8	0	...	...	49	8	0
1	Do.	"	...	...	...	...	...	15	0	0
2	Do.	"	14	0	0	...	...	28	0	0
1	Blacksmith	"	...	...	...	...	...	20	0	0
5	Do.	"	15	0	0	...	...	75	0	0
1	Do.	"	...	...	...	...	...	16	8	0
7	Hammermen	"	7	0	0	...	...	49	0	0
4	Bellows Boys	"	3	8	0	...	...	14	0	0
5	Do.	"	4	0	0	...	...	20	0	0
1	Tinker	"	...	...	...	...	...	16	0	0
1	Do.	"	...	...	...	...	...	17	8	0
1	Painter	"	...	...	...	...	...	18	8	0
1	Do.	"	...	...	...	...	...	15	0	0
4	Engineer's Lascars	"	7	0	0	...	...	28	0	0
6	Store Watchmen	"	7	0	0	...	...	42	0	0
9	Do. do.	"	6	0	0	...	...	54	0	0
2	Staff Bungalow Peons	"	10	0	0	...	...	20	0	0
95	Line Watchmen	"	6	0	0	...	...	570	0	0
1	Do. do.	"	...	...	...	...	...	7	0	0
62	Do. do.	"	5	0	0	...	...	310	0	0
1	Bridge do.	"	...	...	...	...	...	7	0	0
2	Do. do.	"	6	0	0	...	...	12	0	0
Proportional amount of wages of Arkonam Depot Staff						...	...	40	0	0
Repairs to Turn Tables, Weigh Bridges, &c.						...	...	200	0	0
Acting allowance for extra men in case of sickness						...	...	20	0	0
Loading and unloading materials						...	...	20	0	0

Total Rs. (b) 1,832 0 0

(c) Laying new Permanent-way on bridge at $\frac{308}{3}$ miles, Rs. 492.

(d) Provision for Revenue portion of estimates for sanctioned works, Rs. 1,700.

(e) Extra anticipated normal expenditure, Rs. 1,300.

* Reduced in number of night watchmen allowed for the previous half-year.

† Increased in accordance with anticipated renewals.

‡ Increased in accordance with actual average expenditure.

MADRAS RAILWAY.

Estimate for Maintenance.

Half-year ending 30th June 1897.

3rd District, North-West Line, from Arkonam to Raichur.

Miles maintained.	Departmentally.	By Contract.	Total.
Main Line { Double ... Single ...	Ms. ... 308½	...	Ms. ... 308½
Sidings ...	40½	...	40½
Total ...			348½

Head.	Description of Works.	Ordinary.	Extra-ordinary.
Maintenance, Permanent Way.			
II.	(1) Wages—	Rs.	Rs.
	(a) { 60 Gangs at Rs. 47-0-0 x 6 = Rs. 16,920-0-0 54 do. at Rs. 53-8-0 x 6 = „ 17,334-0-0 Lorrymen ...	34,254	(d) 1,660
	(b) Establishment, Rs. 2,257 x 6 ...	13,542	
	(2) Materials—		(e) 15,000
	Ballast, C. yds. 42,000, at 4 annas ... Rails ... Sleepers ... General Stores Labour ...	10,500 13,000 9,000 1,622	
Total, Head II ...		81,918	16,600
Repairs, Wages and Materials.			
III.	(1) { Bridges and Culverts ... Tunnels ... Earthwork ...	(e) 7,000	4,000
	(2) { Fences ... Roads and Level Crossings ... Miscellaneous ...	4,100 4,650 800 1,450	1,000
	Total, Head III ...	18,000	(d) 5,000
Repairs, Wages and Materials.			
IV.	(1) { Station Buildings, Yards, &c. ... Signals, Gate Lodges, &c. ...	9,275 365	5,975
	(2) Staff Quarters ...	6,000	2,925
	Total, Head IV ...	15,640	(d) 8,900
Maintenance by Contract.			
V.	(1) Amount paid to Contractors ...	...	...
	(2) Materials supplied by the Company ...	...	...
Total, Head V ...		...	...
VI.	New Minor Works ...	4,070	...
Total, Head VI ...		4,070	...
Unclassified Expenditure.			
VII.	(1) Plantations ...	525	...
	(2) Tools and Plant ...	1,450	...
	(3) Loss on Stores ...	5,150	...
	(4) Loss by Exchange ...	22,764	...
	(5) Carriage of Revenue Stores ...	12,582	...
Total, Head VII ...		42,471	...
Grand Total ...		1,62,099	30,500

MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE,
26th October 1896.

(Sd.) E. W. STONEY,
Ag. Chief Engineer.

REMARKS.

1 Gang consisting of—	
No.	Rs. A. P.
1 Maistry at ...	12 0 0
1 Do. at ...	11 8 0
7 Coolies at Rs. 5-0-0 ...	35 0 0
8 Do. at „ 5-4-0 ...	42 0 0
Total Rs. (a)	100 8 0

Establishment.			
	Rs. A. P.		Rs. A. P.
1 Section Maistry at ...	23 0 0		23 0 0
5 Do. „ 20 0 0 ...	100 0 0		100 0 0
2 Do. „ 18 0 0 ...	36 0 0		36 0 0
8 Carpenters „ 20 0 0 ...	160 0 0		160 0 0
1 Do. „ ...	18 0 0		18 0 0
1 Blacksmith „ ...	24 0 0		24 0 0
1 Do. „ ...	21 0 0		21 0 0
5 Do. „ 20 0 0 ...	100 0 0		100 0 0
2 Do. „ 18 0 0 ...	36 0 0		36 0 0
5 Hammermen „ 8 0 0 ...	40 0 0		40 0 0
4 Do. „ 7 0 0 ...	28 0 0		28 0 0
9 Bellows' Boys „ 5 0 0 ...	45 0 0		45 0 0
2 Tinkers „ 20 0 0 ...	40 0 0		40 0 0
2 Painters „ 20 0 0 ...	40 0 0		40 0 0
4 Engineer's Lascars „ 7 0 0 ...	28 0 0		28 0 0
1 Store Watchman „ ...	8 0 0		8 0 0
11 Do. do. „ 7 0 0 ...	77 0 0		77 0 0
2 Do. Coolies „ 8 0 0 ...	16 0 0		16 0 0
1 Do. do. „ ...	7 0 0		7 0 0
3 Do. do. „ 6 0 0 ...	18 0 0		18 0 0
1 Staff Bungalow Peon „ 7 0 0 ...	7 0 0		7 0 0
70 Line Watchmen „ 7 0 0 ...	490 0 0		490 0 0
60 Do. do. „ 6 8 0 ...	390 0 0		390 0 0
30 Do. do. „ 6 0 0 ...	180 0 0		180 0 0
9 Bridge do. „ 7 0 0 ...	63 0 0		63 0 0
1 Staff Bungalow Peon „ ...	6 0 0		6 0 0
Proportional amount of wages of Arkonam Depot Staff ...	41 0 0		41 0 0
Repairs to Turn Tables, Weigh Bridges, &c. ...	170 0 0		170 0 0
Acting allowance for extra men in case of sickness ...	30 0 0		30 0 0
Loading and unloading materials ...	15 0 0		15 0 0
Total Rs. (b)	2,257 0 0		

- (d) Provision for Revenue portion of the estimates for sanctioned works ... 15,500 0 0
- (c) Covering sand ballast with broken stones between Arkonam and Cuddapah ... Rs. 7,500
and between Cuddapah and Guntakal „ 7,500
15,000 0 0
- (e) Extra anticipated normal expenditure ... 3,000 0 0
* Increased in accordance with anticipated renewals.

MADRAS RAILWAY.

Estimate for Maintenance.

Half-year ending 30th June 1897.

1st District, Ennur Branch, from Rayapuram to Ennur.

Miles maintained.	Departmentally.	By Contract.	Total.
Main Line. { Double ... Single ...	Ms. 8 1/2 1 1/2		Ms. 8 1/2 1 1/2
Sidings ...			
Total ...			10 1/2

Head.	Description of Works.	Ordinary.	Extra-ordinary.
Maintenance, Permanent Way.			
II.	(1) Wages—	Rs.	Rs.
	(a) 6 Gangs, at Rs. 66 x 6 ...		
	Lorrymen ...	2,376	
	(b) Establishment, Rs. 177 x 6 ...	1,062	
	(2) Materials—		
	Ballast, 4,000 C. yds., at Rs. 0.8-0 ...	2,000	
	Rails ...		
	Sleepers ...		
	Total, Head II ...	5,438	
Repairs, Wages and Materials.			
III.	(1) { Bridges and Culverts ... Tunnels ...	100	
	(2) { Earthwork ... Fences ...	100	
	Roads and Level Crossings ...	100	
	Miscellaneous ...	100	
	Total, Head III ...	400	
Repairs, Wages and Materials.			
IV.	(1) { Station Buildings, Yards, &c. ... Signals, Gate Lodges, &c. ...	50	
	(2) Staff Quarters ...	100	
	Total, Head IV ...	150	
Maintenance by Contract.			
V.	(1) Amount paid to Contractors ...		
	(2) Materials supplied by the Company ...		
	Total, Head V ...		
New Minor Works			
VI.			
	Total, Head VI ...		
Unclassified Expenditure.			
VII.	(1) Plantations ...		
	(2) Tools and Plant ...		
	(3) Loss on Stores ...	50	
	(4) Loss by Exchange ...		
	(5) Carriage of Revenue Stores ...	250	
	Total, Head VII ...	300	
	Grand Total ...	6,288	

MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE,
26th October 1896.

(Sd.) E. W. STONEY,
Ag. Chief Engineer.

REMARKS.

1 Gang consisting of—

No.	Rs.	A.	P.
1 Maistry at Rs. ...	10	0	0
8 Coolies at „ 7 0 0 ...	56	0	0
Total Rs. (a) 66 0 0			

The number of gangs has been reduced from 8 to 6.

Establishment.

	Rs.	A.	P.
1 Section Maistry at ...	15	0	0
1 Carpenter „ ...	17	0	0
1 Blacksmith „ ...	17	0	0
1 Hammerman „ ...	8	0	0
1 Bellows Boy „ ...	5	0	0
1 Store Watchman „ ...	7	0	0
* 1 Staff Quarters do. „ ...	32	0	0
4 Line Watchmen „ 8 0 0 ...	10	0	0
* 1 Butler and Cook „ ...	5	0	0
Repairs to Turn tables, &c. „ ...	1	0	0
* 1 Dhoby at ...	4	0	0
* 1 Waterwoman „ ...	8	0	0
* 1 Boat Serang „ ...	20	0	0
* 1 Bricklayer „ 7 0 0 ...	14	0	0
* 2 Coolies „ ...	7	0	0
* 1 Station Watchman „ ...			
Total Rs. (b) ...	177	0	0

* Provision made for additional staff required for staff bungalow at Ennur.

Half-year ending 30th June 1897.

**MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE,
26th October 1896.**

MADRAS RAILWAY:

Traffic Department.

Establishment List for the half-year ending 30th June 1897.

STATIONS.	Station Masters, Junction Superintend- ents and Inspectors.		Goods Clerks.		Coaching Clerks and Ticket Collectors.		Shunting Masters, No. Takers, Baggage, Lug- gage and Platform Constables.		Pointsmen, Peons, Signalmen, Porters, Markers, Waiting Room Attendants, Guards' Cooks, Watermen, Mussa- chees and Gardeners.		Gatemen.		Total Staff Regular Staff at full pay.		Telegraph Inspectors, Signalmen, Clerks and Peons.		REMARKS.
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
1st and 2nd Divisions, South-West Line.																	
Madras	1	235	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Under Rupees 100	3	110	...	...	22	638	...	7	...	...	...	...	...	...	...	...	...
Rayapuram	1	110	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Under Rupees 100	1	30	3	60	...	...	...	...	...	...	...	...	...	...	...	...	...
Washermanpet	2	55	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salt Octours	...	...	2	535	...	...	...	...	...	...	...	...	...	...	...	...	...
Under Rupees 100	8	202	63	1,690	...	...	...	...	...	...	...	...	...	...	...	...	...
Perambur	2	120	1	20	5	130	...	...	...	...	...	...	...	...	...	...	...
Connur	1	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ambattur	1	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aradi	1	80	...	...	1	18	...	...	...	...	...	...	...	...	...	...	...
Tinnanur	1	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sevrapet Road	1	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trivellore	1	60	...	...	2	38	...	...	...	...	...	...	...	...	...	...	...
Kadambattur	1	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manur	1	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinnampet	1	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mosur	1	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Arkonam	1	200	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Under Rupees 100	2	140	3	90	9	182	...	...	...	...	...	...	...	...	...	...	...
Mannal	2	60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Carried over	33	1,622	72	2,395	45	1,130	19	483	398	2,116	37	243	603	8,994	45	1,443	...

MADRAS RAILWAY.

Traffic Department.

Establishment List for the half-year ending 31st December 1896—continued.

STATIONS.	Station Masters, Junction Superintendents and Inspectors.		Goods Clerks.		Coaching Clerks and Ticket Collectors.		Shunting Masters, No. Takers, Baggage, Luggage and Platform Constables.		Pointmen, Peons, Signalmen, Porters, Markers, Waiting Room Attendants, Guards' Cooks, Watermen, Mussal- chees, and Gardeners.		Gatemen.		Total Staff Regular Staff at full pay.		Telegraph Inspectors, Signalmen, Clerks and Peons.		REMARKS.
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
Brought forward ...	33	1,622	72	2,395	45	1,180	18	488	399	8,116	37	248	608	8,994	45	1,449	
• Sholinghur ...	2	70	...	...	...	...	...	...	7	43	...	...	9	118	...	...	
• Thalanga ...	1	20	...	...	...	...	...	...	1	6	...	...	2	26	...	...	
• Arcot ...	2	100	2	60	1	26	...	...	22	153	...	...	27	388	...	...	
• Ponnai Road ...	1	20	...	...	...	...	...	...	1	6	...	...	2	26	...	...	
• Tiruvalem ...	2	68	...	...	...	...	...	...	5	31	...	...	7	99	...	...	
• Katpadi ...	1	120	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Under Rupees 100 ...	2	140	6	175	11	250	5	125	61	532	...	...	106	1,872	3	185	
• Letteri ...	1	15	...	...	...	...	...	...	1	6	...	...	2	21	...	...	
• Virinchipuram ...	2	66	...	...	...	...	...	...	5	38	...	...	7	88	...	...	
• Gudiyattam ...	2	150	...	...	1	30	...	...	12	77	2	11	17	268	...	...	
• Valathoor ...	1	20	...	...	...	...	...	...	4	26	...	...	6	46	...	...	
• Mailpatti ...	2	65	...	...	...	...	...	...	7	46	1	6	10	117	...	...	
• Ambur ...	2	74	...	...	...	...	...	...	9	61	...	...	11	136	...	...	
• Vinnamangalam ...	1	18	...	...	...	...	...	...	1	6	...	...	3	30	...	...	
• Vaniyambadi ...	2	85	...	...	1	30	...	...	14	87	...	...	17	192	...	...	
• Kettandapatti ...	1	20	...	...	...	...	...	...	3	19	...	...	4	39	...	...	
• Jalarpet ...	1	225	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Under Rupees 100 ...	2	160	3	90	10	210	6	190	59	490	...	...	81	1,355	8	305	
• Patchur ...	2	60	...	...	...	...	...	...	7	52	...	...	9	113	...	...	
• Mulaanur ...	2	65	...	...	...	...	...	...	...	64	...	...	11	129	...	...	

• Kuppam ...	2	75	...	...	...	...	...	...	9	68	1	6	13	144	...	...	...
• Gudupalli ...	2	55	...	...	...	...	...	...	5	38	...	...	7	88	...	...	...
• Bisanattam ...	1	30	...	...	...	...	...	...	2	13	...	...	3	43	...	...	...
• Kamasamudram ...	2	65	...	...	...	...	...	...	5	32	...	...	7	97	...	...	...
• Bowringpet ...	1	120	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Under Rupees 100 ...	1	28	6	138	4	86	2	40	40	280	...	...	54	692	2	53	
• Tyakal ...	2	60	...	...	...	...	...	...	5	34	...	...	7	94	...	...	...
• Malur ...	2	78	...	...	...	...	...	...	7	49	...	...	9	127	...	...	...
• Devankundi ...	1	20	...	...	...	...	...	...	4	26	...	...	5	46	...	...	...
• Whitefield ...	2	70	...	...	...	...	...	...	5	34	...	...	7	104	...	...	...
• Krishnarajapuram ...	2	80	...	...	...	...	...	...	6	32	...	...	7	92	...	...	...
• Bangalore Cantonment ...	1	160	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Under Rupees 100 ...	1	70	7	190	7	185	3	70	45	340	1	7	68	1,022	3	155	
• Bangalore City ...	2	140	13	860	15	370	8	205	50	...	...	...	89	1,600	2	73	
• Tirupattur ...	2	90	...	...	...	...	...	...	11	76	...	...	14	186	...	...	...
• Kankarai ...	1	20	...	...	...	...	...	...	4	24	...	...	6	44	...	...	...
• Sasalpatti ...	2	65	...	...	...	...	...	...	6	39	2	11	10	116	...	...	...
• Kallavi ...	2	55	...	...	...	...	...	...	6	32	...	...	7	87	...	...	...
• Moreppur ...	2	78	...	...	...	...	...	...	6	39	2	11	10	126	...	...	...
• Buddireddippatti ...	1	20	...	...	...	...	...	...	4	25	...	...	5	45	...	...	...
• Mallapuram ...	2	65	...	...	...	...	...	...	10	60	...	...	13	159	...	...	...
• Lokur ...	2	55	...	...	...	...	...	...	3	21	...	...	5	76	...	...	...
• Kadiampatti ...	1	30	...	...	...	...	...	...	3	19	1	6	6	55	...	...	...
• Thinnappatti ...	2	55	...	...	...	...	...	...	6	31	...	...	7	86	...	...	...
• Salem ...	1	140	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Under Rupees 100 ...	1	70	5	120	5	110	3	75	33	...	...	...	47	753	10	306	
• Ariyanur ...	1	20	...	...	...	...	...	...	3	11	...	...	3	31	...	...	...
• McDonald's Choultry ...	2	60	...	...	...	...	...	...	4	25	...	...	6	85	...	...	...
• Sankaridrug ...	2	88	...	...	...	...	...	...	3	50	...	...	10	138	...	...	...
• Anangur ...	1	15	...	...	...	...	...	...	1	6	...	...	2	21	...	...	...
• Cauvery ...	2	38	...	...	...	...	...	...	3	18	...	...	5	56	...	...	...
Carried over ...	115	5,317	114	3,528	101	2,486	45	1,213	997	6,907	48	312	1,360	19,713	73	2,475	

MADRAS RAILWAY.

Traffic Department.

Establishment List for the half-year ending 30th June 1897—continued.

STATIONS.	Station Masters, Junction Superintendents and Inspectors.		Goods Clerks.		Coaching Clerks and Ticket Collectors.		Shunting Masters, No. Takers, Baggage, Luggage and Platform Constables.		Pointsmen, Peons, Signalmen, Porters, Markers, Waiting Room Attendants, Guards' Cooks, Watermen, Mussalchees and Gardeners.		Gatemmen.		Total Regular Staff at full pay.		Telegraph Inspectors, Signallers, Clerks and Peons.		REMARKS.
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
1st and 2nd Divisions, North-West Line.																	
• Tiruttani	2	80	...	...	...	...	...	...	9	61	3	17	14	158	...	...	
Ponpadi	1	20	...	...	...	...	...	...	1	6	...	...	2	26	...	...	
• Nagari	2	73	...	...	...	...	...	...	7	45	...	...	9	118	...	...	
Vepagunta	1	20	...	...	...	...	...	...	1	5	2	11	4	36	...	...	
• Puttur	2	70	...	...	...	...	...	...	7	43	2	11	11	124	...	...	
• Pudi	2	75	...	...	...	...	...	...	5	32	...	...	7	107	...	...	
Benigunta	1	125	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Under Rupees 100	2	80	2	55	9	215	6	188	...	...	...	...	75	1,052	3	122	
• Mamandur	2	68	...	...	...	...	...	...	5	35	2	11	9	114	...	...	
• Peddapadu	2	68	...	...	...	...	...	...	4	28	...	...	6	96	...	...	
• Koduru	2	73	...	...	...	...	...	...	9	61	...	...	11	134	...	...	
• Urampadu	2	65	...	...	...	...	...	...	5	32	...	...	7	97	...	...	
• Reddipalle	2	68	...	...	...	...	...	...	6	38	...	...	8	106	...	...	
Rajampet	2	75	...	...	...	...	...	...	8	48	1	6	11	129	...	...	
Nandalur	2	66	...	...	...	...	...	...	5	33	...	...	7	101	...	...	
Vontimitta	2	70	...	...	...	...	...	...	6	40	...	...	8	110	...	...	
Siddharattam	2	60	...	...	...	...	...	...	4	25	...	...	6	85	...	...	
Cuddapah	1	140	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Under Rupees 100	1	75	5	130	6	133	3	105	...	...	...	...	59	904	6	243	

• Krishnapuram	2	70	...	...	...	...	...	...	5	34	...	...	7	104	...	...	
• Gangayapalli	1	20	...	...	...	...	...	...	3	20	...	...	4	40	...	...	
• Kamalapuram	2	70	...	...	...	...	...	...	5	32	2	11	9	113	...	...	
Yerragudipadu	1	20	...	...	...	...	...	...	1	6	...	...	2	26	...	...	
• Yerraguntla	2	75	...	...	...	...	...	...	13	86	...	...	15	161	...	...	
Kalamalle	1	20	...	...	...	...	...	...	1	6	...	...	2	26	...	...	
• Muddanur	2	65	...	...	...	...	...	...	6	39	...	...	8	104	...	...	
• Mangapatnam	1	20	...	...	...	...	...	...	1	7	2	11	4	88	...	...	
• Kondapuram	2	68	...	...	...	...	...	...	7	45	...	...	9	116	...	...	
Regadipelli	1	20	...	...	...	...	...	...	1	6	...	...	2	26	...	...	
• Vanganur	2	63	...	...	...	...	...	...	3	20	1	6	6	89	...	...	
• Tadpatri	2	88	1	23	...	...	...	...	13	85	...	...	16	196	...	...	
• Pennaru	2	60	...	...	...	...	...	...	3	20	1	6	6	96	...	...	
• Rayacheruvu	2	65	...	...	...	...	...	...	3	20	2	12	7	97	...	...	
• Jakkulcheruvu	2	55	...	...	...	...	...	...	3	20	...	...	5	75	...	...	
Gooty	1	140	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Under Rupees 100	1	75	1	30	5	98	2	65	31	220	2	11	43	689	5	208	
• Patatottacheru	2	60	...	...	...	...	...	...	4	27	...	...	6	87	...	...	
• Timmancherla	1	40	...	...	...	...	...	...	6	44	1	6	8	90	...	...	
Guntakal Junction	...	...	3	83	...	...	2	60	2	14	...	...	7	147	3	90	
• Nancherla	1	85	...	...	...	...	...	...	4	28	1	6	6	69	...	...	
• Molagavalli	1	20	...	...	...	...	...	...	2	13	...	...	3	33	...	...	
• Aspari	2	55	...	...	...	...	...	...	5	34	...	...	7	89	...	...	
Nagarur	1	15	...	...	...	...	...	...	1	6	...	...	2	21	...	...	
Adoni	2	120	2	65	...	...	...	...	21	141	2	13	27	339	1	50	
• Kuppal	2	60	...	...	...	...	...	...	4	28	...	...	6	88	...	...	
• Koogi	2	60	...	...	...	...	...	...	4	28	...	...	6	88	...	...	
• Tungabhadra	2	60	...	...	...	...	...	...	6	40	...	...	8	100	...	...	
• Metnari	2	60	...	...	...	...	...	...	4	28	...	...	6	88	...	...	
Raichur	1	250	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Under Rupees 100	1	80	12	380	4	150	7	935	...	487	2	15	90	1,547	3	165	
Total	80	3,263	26	716	24	506	20	638	404	2,848	27	159	581	3,219	21	876	

FIG. No. 1 TO E. P. C. No. 503 OF 1397
LETTER No. 113 D 29-1-97
From *Am*

20

MADRAS RAILWAY.

Traffic Department.

Establishment List for the half-year ending 30th June 1897—concluded.

STATIONS.	Station Masters, Junction Superintendents and Inspectors.		Goods Clerks.		Coaching Clerks and Ticket Collectors.		Shunting Masters, No. Takers, Baggage, Luggage and Platform Constables.		Pointsmen, Peons, Signalmen, Porters, Markers, Waiting Room Attendants, Guards' Cooks, Watermen, Musical-chiefs and Gardeners.		Gatemmen.		Total Regular Staff at full pay.		Telegraph Inspectors, Signallers, Clerks and Peons.		REMARKS.
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
1st and 2nd Divisions, S. W. Line...	177	8,014	189	4,281	139	3,254	55	1,498	1,364	9,701	95	590	1,989	27,333	92	3,225	
1st and 2nd Divisions, N. W. Line...	80	3,262	28	716	24	596	20	633	404	2,848	27	153	531	8,219	21	876	
Travelling Ticket Collectors	...	...	...	...	4	153	...	...	...	...	...	...	4	153	...	...	
Block Signallers and Allowance	9	375	...	...	...	...	...	...	...	...	...	...	9	375	...	...	
Allowance to Block Instructor	...	10	...	...	...	...	...	...	...	...	...	...	...	10	...	...	
Relieving Staff	54	1,380	...	...	...	...	18	260	26	206	...	...	98	1,745	...	...	
Inspectors	9	585	...	...	...	...	...	...	...	...	...	...	9	585	...	...	
Conservancy	...	...	...	...	...	...	...	...	...	...	...	...	72	424	...	...	
Gatemmen, Engineering	...	...	...	...	...	...	...	...	...	...	...	...	164	895	...	...	
Telegraph Signallers, North-West Line—Allowance	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grand Total	329	13,536	165	4,997	167	4,008	93	2,391	1,866	13,178	286	1,644	2,906	39,739	113	4,176	

* Amount provided for Station Staff per month as per Establishment Rolls exclusive of Allowances and Loading and Unloading Charges
Add amount for Travelling Ticket Collectors shown in the Analysis List, but chargeable to item Train Staff in Rolls ... Rs. 37,556
Do. Traffic Inspector's salary included in this list, but transferred to General Superintendence in Rolls ... Rs. 153
Do. 1/2 of Station Master's salaries included in salaries of Station Staff in this list, but chargeable to Electric Telegraph Department in Rolls (see stations marked with an asterisk) ... Rs. 125
Total ... Rs. 39,739

TRAFFIC MANAGER'S OFFICE,
MADRAS, 20th October 1896.

(Signed) D. ROSS-JOHNSON,
Ag. Traffic Manager.

LAWRENCE ARTHUR PRESS.

500—6-2-95.
(R. Form No. 1.)

No 83k dated 4.2.97
PUBLIC WORKS DEPARTMENT.
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following:—

Memorandum from the Agent and Manager, Madras Railway
No. *8813/113*, dated *29 January* 1897, submitting
25 copies of the Minutes of the *Official Meeting and Stores Committee*, Madras Railway
(No. *...* of 189 *...*), held on the *8 December* 1896.

ORDER THEREON, No. *83*. B, DATED *4 February* 1897,

Approved, and nine copies ordered to be forwarded to the Government of India.

To the Agent and Manager MR
Examiners R. & Co. Ltd.
Director
(True Extract.)
D. McNeil Campbell
Colonel R. E.
Joint Secy. to Govt., P. W. D., Ry. Branch.

Order thereon N. 84. R. 7 4 February 97

Forwarded.

(By order)

To
The Agent and Manager, Madras Railway.
Examiners, Guaranteed Railway Accounts.

The Secretary to the Govt of India
2 P. W. D.
Documents accompanying:
9 Copies of the Minutes of meeting
referred to.

4/2/97
W. 4.2.97
7-2-97

B/- No $\frac{83}{84}$ R dated 4.2.94