

(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.	301-302.	Press
B.P. No.		Mis.

Dated 21-1-1844 195.

Not to be folded or roughly handled

1874. 1874. 1874. 1874.

RAILWAY DEPARTMENT.

1874
A. 417

The Consulting Engineer,
for Railways.

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

Dated 21st January 1874
Recd. 22nd

No. 45

S. B. B. B. B.

Submitting statement
showing various orders
maintained in force
in the Engineering Dept.
The 10th of January 1874.
Half year ending 30th
June 1874

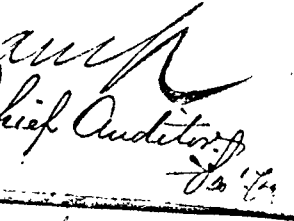
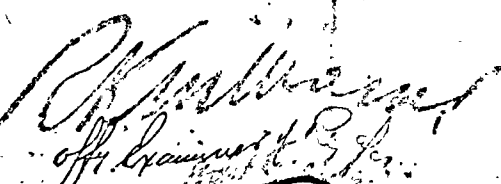
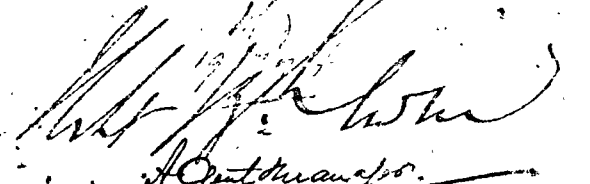
Ordered that these diets be forwarded
to the Govt of India.
Docket No 302 of
Copy of the above forwarded to the
Govt of India with reference to the orders
given by the Consulting Engineer.
Dep't of R.R. 10/2/74.

301-02
1. 1874

MADRAS RAILWAY.

Abstract of Estimates for Maintenance—Half year ending 30th June 1874.

HEADS OF CHARGES.	1st Division S. W. Line.		2nd Division S. W. Line.		3rd Division S. W. Line.		4th Division S. W. Line.		1st Division N. W. Line.		2nd Division N. W. Line.		3rd Division N. W. Line.	
	Madras to Jolarpett.		Jolarpett to Mullaipooram including Bangalore Branch.		Mullaipooram to Pothanore.		Pothanore to Beyroot.		Arcot to Suddapah.		Suddapah to Goondacul.		Goondacul to Raichore including Bellary Branch.	
	131 1/2 Miles (Single) 2 1/4 " (Double)		133 1/4 Miles (Single)		121 3/4 Miles (Single)		104 1/2 Miles (Single)		119 1/2 Miles (Single)		111 Miles (Single)		108 Miles (Single)	
	Amount.	Per Mile.	Amount.	Per Mile.	Amount.	Per Mile.	Amount.	Per Mile.	Amount.	Per Mile.	Amount.	Per Mile.	Amount.	Per Mile.
Head No. II.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Ordinary. ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Head No. III.	Extraordinary. ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ordinary. ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Head No. IV.	Extraordinary. ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ordinary. ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Head No. V.	Extraordinary. ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ordinary. ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Head No. VI.	Extraordinary. ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ordinary. ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total...	111,232	832	41,572	312	72,372	594	67,194	643	46,780	391	58,250	525	53,100	491

 Chief Auditor.
 Chief Engineer's Office,
 17th January 1874.
 Ag. Chief Engineer.

MADRAS RAILWAY.

Estimate for Maintenance.

Half year ending 30th June 1874.
 1st Division West Line From Madurai to Sollarspett

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. { Double. 2 ¹ / ₄ Single. 131 ¹ / ₂			2 ¹ / ₄ 131 ¹ / ₂
Sidings. 22			22
			Total... 133 ³ / ₄

Head.

Description of Works.

Ordinary.

Extraordinary.

REMARKS.

II.	(1) WAGES.			
	52 Gangs. at Rs 44 x 6 11. Employed at 50 x 6 Establishment. at 1597 x 6	14,664 . 9,582.	3,894 . .	1 Gang consisting of a. 0 1. Working 12. . . . 4. Station at 15/00 60- 7. Men at 57-25. . . . 4. Station at 15/00 60- Total Rs. 44. . . . 4. Station at 15/00 60- 1 Gang consisting of a. 0. 4. Station at 15/00 60- 1. Working 12. . . . 4. Station at 15/00 60- 10. Men at 57-25. . . . 4. Station at 15/00 60- Total Rs. 59. . . . 4. Station at 15/00 60- Total Rs. 1597. . . . 4. Station at 15/00 60-
II.	(2) MATERIALS.			
	Ballast <u>Rs 3000 at 4 Annas</u> Rails. Sleepers.	3000 8,000 10,000	* 6000 . .	* Maintaining Ballast under job and repacking with sand Ballast. * Replacing Ballast with sand Ballast
Total Head II		57,246	9,894	
III.	Repairs, Wages and Materials.			
	(1) { Bridges and Culverts. Tunnels.	7,092 .	11,300 .	* General repairs and renewals. Rs 7092. * Protective Works. Rs 11,300.
	(2) { Earthwork. Fences. Roads and Level Crossings. Miscellaneous.	1,250 2,300 500 500	10,000 . . .	* Working in Banks. Rs 10,000
Total Head III		11,642	21,300	
IV.	Repairs, Wages and Materials.			
	(1) { Station buildings, yards, &c. Signals, Gate Lodges, &c.	14,500 100	. .	* Including Terminal Works.
	(2) Staff Quarters	1,000	.	
Total Head IV		15,600		
V.	Maintenance by Contract.			
	Total Head V	.	.	
VI.	Unclassified Expenditure.			
	(1) Plantations.	.	.	
	(2) Tools and Plant.	1,500	.	
	(3) Loss on Stores.	50	.	
Total Head VI		1,550		
Grand Total		80,038	31,194	

MADRAS RAILWAY,
 Chief Engineer's Office,
Madurai 1874.

Ag Chief Engineer.

Estimate for Maintenance.

Half year ending 30th June 1844.

Miles Maintained.

Departmentally.

By Contract.

Total.

Main Line.	{ Double.	...	...	...	...
	{ Single.	...	...	...	...
Sidings.	...	...	...	...	...

	"	"
	$\frac{133}{4}$	$\frac{133}{4}$
	$10\frac{3}{4}$	

Total.. $133\frac{1}{4}$

REMARKS

1 Cont. Consisting of Rs. 0

Noted Dec. 32. 12. "

Colas de la Penne

1 Inspector of Light Malabar	at 50	..	..	..
4. Inspector of Light	at 30	..	..	..
6. do. Malabar	at 15	..	..	..
1. do. Malabar	at 20	..	..	..
186. do. Malabar	at 6	..	..	..
1. do. Malabar	at 15	..	..	..
1. do. Malabar	at 5	..	..	..
1. do. Malabar	at 3	..	..	..
1. do. Malabar	at 15	..	..	..
1. do. Malabar	at 15	..	..	..
1. do. Malabar	at 14	..	..	..
1. do. Malabar	at 91	..	..	..

Adm'td Surfee, 1870-11-11

^x General Napier Dec 1718. Protection Works
Dec 2000.

General's Repairs £1000/ Putting Slopes
at 149 & 150/

General Repair \$1000. / Repair tables
\$150. / Gardening in plateau compound
\$1500. /

**MADRAS RAILWAY,
Chief Engineer's Office,**

1874.

6

10

W. H. Davis
Chief Engineer.

OK

Estimate for Maintenance.

$30 \frac{7}{8}$ and $18 \frac{1}{4}$.

From Mullapragadam to Satharechi

Total...	121 $\frac{3}{4}$
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[illegible]

Chief Engineer:

W. Fair
Chief Engineer.



MADRAS RAILWAY.

Estimate for Maintenance.

Half year ending 30th June 1874.
Division of West Line From Chennai to Beypore

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. { Double. Single.	" 104 $\frac{1}{2}$	"	104 $\frac{1}{2}$
Sidings.	12	"	"
Total...			104 $\frac{1}{2}$

Head.	Description of Works.	Ordinary.	Extraordinary.	REMARKS.
	Maintenance, Permanent Way.	Rupees.	Rupees.	
(1.) WAGES.				1 Gang consisting of as as. P 1. Mistry 12 7. Man at 6/ 42 Total Rs. 54. - - -
	45 Gangs at Rs 54 x 6	11,340	"	Establishment.
	 Lorrymen.	"	"	4. Chaperon Assistant at 30/- Rs 120 - - - 4. do. Mistry 15/- 60 - - - 56. Wagonmen 6/- 336 - - - 7. Horse Drivers 6/- 42 - - - 4. Carpenters 20/- 80 - - - 3. Smiths 20/- 60 - - - 3. Hammermen 8/- 24 - - - 3. Bellows Boys 4/- 12 - - - Total Rs 734. - - -
(3.) MATERIALS.				* Removing soil & Chaperon below Chaperon and Capital
	Ballast at Rs 8000. at 6 annas	3000	"	* General Wagon Rs 1000 Protective Tracks Rs 2000
	Rails... ..	500	"	
	Sleepers.	28,000	* 7000	
	Total Head II.	47,244	7000	
III.	Repairs, Wages and Materials.			
(1) { Bridges and Culverts... ..		* 1000	* 2000	
	Tunnels... ..	"	"	
(2) { Earthwork.		600	"	
	Fences... ..	3,500	"	
	Roads and Level Crossings.	300	"	
	Miscellaneous... ..	200	"	
	Total Head III.	5,600	2000	
IV.	Repairs, Wages and Materials.			
(1) { Station buildings, yards, &c.		2000	"	
	Signals, Gate Lodges, &c.	500	"	
(2) Staff Quarters		1,200	"	
	Total Head IV.	3,700	"	
V.	Maintenance by Contract.			
	Total Head V.	"	"	
VI.	Unclassified Expenditure.			
(1) Plantations.		"	"	
(2) Tools and Plant... ..		1600	"	
(3) Loss on Stores.		50	"	
	Total Head VI.	16,501	"	
	Grand Total...	58,194	9000	

MADRAS RAILWAY,
Chief Engineer's Office,
Chennai 1874.

W. G. O.

Chief Engineer.

Estimate for Maintenance.

ending *St. James*
From *St. James* to *End of path*

ending *St. James*
From *St. James* to *End of path*

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. { Double. Single.	" 119 $\frac{1}{2}$ 12 $\frac{3}{4}$	" .	119 $\frac{1}{2}$
Sidings.			Total... 119 $\frac{1}{2}$

Description of Works.		Ordinary.	Extraordinary.	REMARKS.
		Rupees.	Rupees.	
Maintenance, Permanent Way.				
(1) WAGES.				
144 Gangs,	at Rs 52 x 6	13,728		
Lorrymen,		"		
Establishment,	at Rs 1973 x 6	11,838		
(2) MATERIALS.				
Ballast	Rs 12000 at 4 Annas	3000		
Rails,		2100		
Sleepers,		2150		
Total Head II,		32,816		
Repairs, Wages and Materials.				
Bridges and Culverts,		1400	3000	
Tunnels,		1150		
Earthwork,		2500		
Fences,		400		
Roads and Level Crossings,		100		
Miscellaneous,				
Total Head III,		5650	3000	
Repairs, Wages and Materials.				
(1) Station buildings, yards, &c,		2500		
Signals, Gate Lodges, &c,		200		
(2) Staff Quarters,		1164		
Total Head IV,		3864		
Maintenance by Contract.				
Total Head V,				
Unclassified Expenditure.				
(1) Plantations,				
(2) Tools and Plant,		1500		
(3) Loss on Stores,		50		
Total Head VI,		1550		
Grand Total,		43,780	3000	

Establishment

1 Gang consisting of Rs. 100 - - - - -

1 Lorry at 5/- - - - - -

8 Coolies at 5/- - - - - -

Total Rs 52 - - - - -

Establishment

2 Sub Inspectors at 50/- - - - - -

4 Inspectors of Accounts at 50/- - - - - -

1 Inspecting Writer at 15/- - - - - -

1 Inspecting Writer at 15/- - - - - -

5 Station Clerks at 15/- - - - - -

1 Store Mahomed at 7/- - - - - -

1 Blacksmith at 7/- - - - - -

2 Hammals at 16/- - - - - -

3 Bellows at 16/- - - - - -

1 Carpenter at 10/- - - - - -

1 Barber at 10/- - - - - -

1 Painter at 10/- - - - - -

1 Sawyer at 10/- - - - - -

2 Broom Carriers at 15/- - - - - -

4 Day Mahomed at 15/- - - - - -

80 Light at 12/- - - - - -

90 Light at 12/- - - - - -

18 Bhandys at 12/- - - - - -

Total Rs 1973 - - - - -

General Repairs Rs 1400 / Protective Works Rs 3000 /

**MADRAS RAILWAY,
Chief Engineer's Office,**

**MADRAS RAILWAY,
Chief Engineer's Office,**

Estimate for Maintenance.

Line.....From.....*Granddaddy*

to Michael and Mary DeHart Brown

3rd Division West Line

[illegible]

x { General repairs Dr 600 / at Martins 150
at Barchin's Dr 1000 / Re-tiling Dingy
Dellay Dr 236 /

Chief Engineer's Office,

26,

As Chief Engineer.

W. 1874/21 Depan

RAILWAY DEPARTMENT.

1874

From

The Consulting Engineer
for Railways,

To

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

Dated

21 January 1874

Recd.

22

No. 45

& Enclosure

Submitting statement

showing sanctions under

sanctions in force

in the Engineering Dept

for the 1874 during the

half year ending 30

June 1874

Ordered that these lists be forwarded
to the Govt of India.
C. Eng. for R. 2. Docket No. 302 of
Despatch 8-c 10/2/74. Copy of the above forwarded to the
Govt of India with reference to the orders
quoted by the Consulting Engineer. Emm.
Despatch 6-c 10/2/74.

301-02

1. 1874