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(2) Date of repair_____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	2018-19	Press
B.P. No.		Mis.
Dated	16-7-	6875-195-

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
16th July 1875.*

No. 415. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Lieutenant-Colonel J. MULLINS, R.E., Officiating Secretary to Government, Public Works Department, dated Madras, 8th July 1875, No. 383:—

I HAVE the honor to forward, herewith, for transmission to the Government of India, a list of the maintenance sanctions in force on the South Indian Railway, Negapatam-Erode and Arconum-Conjeveram sections, during the half-year ending 31st December 1875.

SOUTH INDIAN RAILWAY.

*Abstract of sanctioned estimates for the maintenance of the line for the half-year ending 31st
December 1875.*

		NEGAPATAM-ERODE.		ARCONUM-CONJEVERAM.	
		166½ miles, (single).		18½ miles (single).	
		Amount.	Per Mile.	Amount.	Per Mile.
		RS.		RS.	
Head No. I.	Ordinary	11,857	71.3	548	29.2
	Extraordinary				
Do. II.	Ordinary	33,370	200.8	2,178	116.2
	Extraordinary				
Do. III.	Ordinary	1,200	7.2	190	10.1
	Extraordinary				
Do. IV.	Ordinary	3,575	21.5	150	8.0
	Extraordinary				
Do. V.	Ordinary	...	...	85	4.5
	Extraordinary				
Do. VI.	Ordinary	500	3.0	50	2.7
	Extraordinary				
Total ...		50,502	303.8	3,201	170.7

MADRAS,
8th July 1875.

(Signed) W. H. COAKER, Lieutenant, R.E.,
for Consulting Engineer for Railways.

Proceedings of the Madras Government, Public Works Department,
16th July 1875.

ENGINEERING DEPARTMENT.

Estimate for Maintenance of Way and Works for the half-year ending 31st December 1875.
Negapatam to Erode.

Miles maintained.	Departmentally.	By Contract.	Total.	
Main Line. {Double Single	165 23-91 13 49-89	...	166 23-91 13 49-89	
Sidings	...	...	...	
Total ...	...	...	179 73-80	

Head.	Description of Work.	Ordinary.	Total.	Remarks.
		RS.	RS. A. P.	
I.	Salaries, Office Expenses, and General Superintendence, Rupees 1,976-3-0 x 6 = ...	11,857 2 0		Resident Engineer... 813 3 0 Allowance, including travelling expenses of all kinds ... 105 0 0 Chief Clerk ... 150 0 0 Draftsman ... 35 0 0 4 Inspectors at Rs. 160 each ... 640 0 0 4 Inspectors' Writers at Rs. 20 each ... 80 0 0 6 Do. Lascars at Rs. 7 " ... 42 0 0 2 Do. do. at Rs. 6 " ... 12 0 0 Office-rent ... 20 0 0 Peons ... 54 0 0 Stores ... 20 0 0
	Total, Head I ...	11,857 2 0	11,857 2 0	Sanction for this has been accorded in Establishment List ... 11,857 2 0
	Maintenance, Permanent-way.			
	(1)—Wages—			
	1 Gang at Rupees 102 x 6...	654 0 0		1 Gang at Rs. 10 ... 10 0 0 9 Coolies at " 7 each ... 63 0 0 6 Do. at " 6 " ... 36 0 0 1 Gang at " 10 " ... 10 0 0 8 Coolies at " 5 1/2 each ... 44 0 0 1 Gang at " 7 1/2 " ... 7 8 0 1 Do. at " 7 " ... 7 0 0 5 Coolies at " 5 1/2 each ... 27 8 0 1 Gang at " 8 " ... 8 0 0 5 Coolies at " 5 1/2 each ... 27 8 0 1 Gang at " 8 " ... 8 0 0 4 Coolies at " 5 1/2 each ... 22 0 0 1 Gang at " 7 " ... 7 0 0 1 Do. at " 6 " ... 6 0 0 3 Coolies at " 5 1/2 each ... 16 8 0 1 Gang at " 7 " ... 7 0 0 4 Coolies at " 5 1/2 each ... 22 0 0 1 Gang at " 6 " ... 6 0 0 4 Coolies at " 5 1/2 each ... 22 0 0 1 Gang at " 6 1/2 " ... 6 8 0 3 Coolies at " 5 1/2 each ... 16 8 0 1 Cooly at " 5 " ... 5 0 0 1 Gang at " 8 " ... 8 0 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 7 " ... 7 0 0 3 Coolies at " 5 1/2 each ... 16 8 0 1 Gang at " 6 1/2 " ... 6 8 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 6 " ... 6 0 0 3 Coolies at " 5 1/2 each ... 16 8 0
	23 " at " 24 1/2 x 6...	3,381 0 0		1 Gang at " 8 " ... 8 0 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 7 " ... 7 0 0 3 Coolies at " 5 1/2 each ... 16 8 0 1 Gang at " 6 1/2 " ... 6 8 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 6 " ... 6 0 0 3 Coolies at " 5 1/2 each ... 16 8 0
	25 " at " 23 1/2 x 6...	3,666 0 0		1 Gang at " 8 " ... 8 0 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 7 " ... 7 0 0 3 Coolies at " 5 1/2 each ... 16 8 0 1 Gang at " 6 1/2 " ... 6 8 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 6 " ... 6 0 0 3 Coolies at " 5 1/2 each ... 16 8 0
	13 " at " 23 x 6...	1,794 0 0		1 Gang at " 8 " ... 8 0 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 7 " ... 7 0 0 3 Coolies at " 5 1/2 each ... 16 8 0 1 Gang at " 6 1/2 " ... 6 8 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 6 " ... 6 0 0 3 Coolies at " 5 1/2 each ... 16 8 0
	6 " at " 22 1/2 x 6...	810 0 0		1 Gang at " 8 " ... 8 0 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 7 " ... 7 0 0 3 Coolies at " 5 1/2 each ... 16 8 0 1 Gang at " 6 1/2 " ... 6 8 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 6 " ... 6 0 0 3 Coolies at " 5 1/2 each ... 16 8 0
	90 Line Watchmen at Rupees 5 x 6 = ...	2,700 0 0		1 Gang at " 8 " ... 8 0 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 7 " ... 7 0 0 3 Coolies at " 5 1/2 each ... 16 8 0 1 Gang at " 6 1/2 " ... 6 8 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 6 " ... 6 0 0 3 Coolies at " 5 1/2 each ... 16 8 0
	75 Gatemen (at 3, 4 and 5 Rs.) Rupees 275 x 6 = ...	1,650 0 0		1 Gang at " 8 " ... 8 0 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 7 " ... 7 0 0 3 Coolies at " 5 1/2 each ... 16 8 0 1 Gang at " 6 1/2 " ... 6 8 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 6 " ... 6 0 0 3 Coolies at " 5 1/2 each ... 16 8 0
	Establishment ...	*1,630 0 0		1 Gang at " 8 " ... 8 0 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 7 " ... 7 0 0 3 Coolies at " 5 1/2 each ... 16 8 0 1 Gang at " 6 1/2 " ... 6 8 0 3 Coolies at " 5 1/2 " ... 16 8 0 1 Gang at " 6 " ... 6 0 0 3 Coolies at " 5 1/2 each ... 16 8 0
				4 Carpenters at Rs. 15 each ... 60 0 0 4 Smiths at " 15 " ... 60 0 0 4 Bellows Boys at " 5 " ... 20 0 0 4 Sub-Inspectors " 35 " ... 140 0 0
				280 0 0
				For 6 months, Rs. 280 x 6 ... 1,680 0 0

Proceedings of the Madras Government, Public Works Department,
16th July 1875.

Negapatam to Erode.—(Concluded.)

Head.	Description of Work.	Ordinary.	Total.	Remarks.
		RS. A. P.	RS. A. P.	
II.	(2)—Material— Ballast, cubic yards 8,000, at Annas 4 per cubic yard. Earthwork in repairing banks and side walks, cubic yards 7,500, at 1 Anna and 6 Pies per cubic yard. Stores ... Bolts and nuts ... Chairs ... Cutters and gibs ... Sleepers, wooden ... Do. pot, iron ... Chair packings ... Tie-bars ... Keys ... Rails ... Spikes ... Crossings ...	2,000 0 0 703 2 0 600 0 0 33 13 8 65 1 8 1 13 2 8,671 14 0 23 3 8 7 0 6 27 10 4 572 14 8 247 1 4 23 7 0 263 4 0		Oil waste, &c.
	Total, Head II ...	33,370 6 0	33,370 6 0	
III.	Repairs, Wages, and Material— (1.) { Bridges ... Tunnels ... Earthwork ... (2.) { Fences ... Culverts ... Miscellaneous ...	200 0 0 ... 600 0 0 100 0 0 50 0 0 250 0 0		
	Total, Head III ...	1,200 0 0	1,200 0 0	
IV.	Repairs, Wages, and Material— (1.)—Station buildings, yards, signals, gate lodges, &c. (2.)—Staff quarters ...	3,374 8 0 800 0 0		
	Total, Head IV ...	3,574 8 0	3,574 8 0	
V.	Maintenance by contract ...			
	Total, Head V ...			
VI.	Unclassified Expenditure— (1.)—Plantation ... (2.)—Tools and Plant ... (3.)—Loss on Tools ...	500 0 0		Platelayers, Carpenters, and Smith's tools.
	Total, Head VI ...	500 0 0	500 0 0	
	Grand Total ...		50,502 0 0	

Arconum to Conjeveram.

Miles maintained.	Departmentally.	By Contract.	Total.	
Main Line. {Double Single	18 1/2 1 1/2	...	19 1 1/2	
Sidings	...	...	...	
Total ...	...	...	20 1/2	

Proceedings of the Madras Government, Public Works Department,
16th July 1875.

Arconum to Conjeveram.—(Concluded.)

Head.	Description of Work.	Ordinary.	Total.	Remarks.
		RS. A. P.	RS. A. P.	
1	Salaries, Office Expenses, and General Superintendence, Rupees 91-5-4 X 6 ...	548 0 0		
	Total Head 1 ...	548 0 0	548 0 0	Sanction for this has been accorded in the Establishment List.
2	Maintenance Permanent-way—			
	(1.)—Wages—			
	1 Sub-Inspector at Rs. 20-0-0 X 6 ...	120 0 0		1 Maistry at Rs. 10-0-0... Rs. 10-0-0.
	4 Gangers at „ 40-0-0 X 6 ...	240 0 0		6 Coolies at „ 5-1-0... „ 30-6-0.
	24 Platelayers at „ 121-8-0 X 6 ...	729 0 0		
	5 Gatemen at „ 25-0-0 X 6 ...	150 0 0		
	(2.)—Materials—			
	Sleepers ...	406 4 0		
	Rails ...	153 8 8		
	Dog-spikes ...	53 4 9		
	Bolts and nuts ...	10 0 0		
	Earthwork in repairing embankments, &c., 1,500 cubic yards, at Annas 1-6 per yard ...	140 10 0		
	Ballast ...	25 0 0		
	Miscellaneous Stores ...	50 0 0		
	Extra labor ...	100 0 0		
	Total Head 2 ...	2,177 11 5	2,177 11 5	Carpenters, Blacksmiths, and Bricklayers.
3	Repairs of Bridges, Wages, &c.—			
	(1.) Bridges ...	40 0 0		
	Tunnels ...	50 1 7		
	(2.) Earth-work ...	25 0 0		
	Fences ...	25 0 0		
	Miscellaneous ...	50 0 0		
	Total Head 3 ...	190 1 7	190 1 7	
4	Repairs, Wages, and Materials—			
	(1.) Station buildings of every description ...	150 0 0		
	(2.) Staff quarters ...	...		
	Total Head 4 ...	150 0 0	150 0 0	
5	Maintenance by contract ...	85 3 0		
	Total Head 5 ...	85 3 0	85 3 0	
6	Unclassified Expenditure—			
	Tools and Plant ...	50 0 0		
	Total Head 6 ...	50 0 0	50 0 0	Platelayers, Carpenters, and Smith's tools.
	Grand Total ...	...	3,201 0 0	

TRICHINOPOLY,
22nd June 1875.

(Signed) D. LOGAN,
Chief Engineer.

(Signed) W. BETTS,
Agent.

(Signed) R. G. MACDONALD,
Examiner of Railway Accounts.

Proceedings of the Madras Government, Public Works Department,
16th July 1875.

No. 416. ORDER THEREON, 16th July 1875, No. 2,018.

RAILWAY, No. 35.

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

(True Extract.)
(Signed) J.O. HASTED, Major, R.E.,
Offg. Joint Secretary to Government.

No. 417. (DOCKET No. 2,019, dated 16th July 1875.)
COPY of the above forwarded to the Government of India.

(True Extract.)

Major, R.E.,
Offg. Joint Secretary to Government.

Exd. A. Grubert,
Spare Copies

3

Mogapet town - to conner -
 - Brahm - - Conjeveram
 166 $\frac{1}{4}$ miles (angle) 18 $\frac{3}{4}$ miles (angle)
 Amount Per Amount Per
 mile mile mile mile

		1857	1858	1859	1860
Head No I	{ Ordinary	11,857	71.3	548	29.2
	{ Extraordinary				
		33,370	200.8	2,178	116.2
Do II	{ Ordinary				
	{ Extraordinary				
		1200	7.2	190	10.1
Do III	{ Ordinary				
	{ Extraordinary				
		3,575	21.5	150	8.0
Do IV	{ Ordinary				
	{ Extraordinary				
				85	4.5
Do V	{ Ordinary				
	{ Extraordinary				
		500	3.0	50	2.7
Do VI	{ Ordinary				
	{ Extraordinary				
Total		50,502	303.8	3,201	170.7

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8^o July 1875 3

Memoirs *Sentt R.E.*

for Louis: Eng & J. B. R. p

9. 20m Col

CONSULTING ENGINEER'S OFFICE.

No. 383.

From

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

Consulting Engineer for Railways,

To *Dr. Call J. Muller's R. E.*

~~COLONEL C. W. WALKER, R.E.~~

Hg.

Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

I have the honour to forward, herewith, for transmission to the Government of India, a list of the maintenance sanctions in force on the South Indian Railway, Nagapatnam - Erode and Arcottem - Coimbatore sections, during the half-year ending 31st December 1875.

I have the honour to be
Sir,
Your most obt servant
Wm. Stewart.
Per Call R. E.
Care: Ever for Packhays

C. G. Lathrop
 12 SC Bldg
 3-8-75
 To the Government of Canada
 R. B. H. (104) dated 16th July 1975
 Copy of the above forwarded to the
 Government of India
 J. H.
 30 SC
 C. G. Lathrop - 3-8-75
 11/15/16
 11/417
 Despatch to Govt (105) 2000 16

P. W. 1875 Sept.
RAILWAY DEPARTMENT.
No: 4493
From The Consulting Engineer,
for Railways,
To The Secretary to Government,
P. W. Department,
Port Saint George.
Dated 8th July 1875
Recd. 10th July
No. 383.
Enclosures 3.
Forward
for transmission
to the Govt of India,
a list of the main
sanctions in force
on the South Indian
Railways during the
half-year ending
31st December 1875
With Order

4493
Govt. of 1875 Madras
PUBLIC WORKS.

To *Chief Engineer*
Dated *16 July*
Recd. *16 July* 1875, No. 527

Recd. 1875 517

*Forwarding Statements
of Maintenance sanctioned
in force on the South
Indian Railway during
the half-year ending
31st December/75.*

*Statements of Maintenance
sanctions in force on the
South Indian Railway
during the half-year
ending 31st December/75.*

*Ordered that the
be forwarded to the
Govt. of India.*