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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No. *219-20* (Ry) Press
B.P. No. Mis.

Dated *27-1-* 1876.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
27th January 1876.*

No. 473. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 25th January 1876, No 49 —

I HAVE the honor to enclose, for transmission to the Government of India, lists of maintenance sanctions in force, during the half-year ending 30th June 1876, on the lines of the South Indian Railway open to public traffic for more than one year

SOUTH INDIAN RAILWAY

*Abstract of sanctioned Estimates for the Maintenance of the Line during the half-year ending 30th
June 1876*

	TOTAL 185 MILES (SINGLE)		NFCAPATAM-ERODE 166½ MILES (SINGLE)		ARCONUM CONPIERAM 18½ MILES (SINGLE)	
	Amount.	Per Mile	Amount	Per Mile	Amount.	Per Mile
	RS.		RS.		RS.	
Head No. I. { Ordinary ..	12,206	65 98	11,857	71 32	849	18 61
Do. II. { Extraordinary ..	35,996	194 57	33,370	200 72	2,628	140 05
Do. III. { Ordinary ..	1,350	7 30	1,200	7 22	150	8 00
Do. IV. { Extraordinary ..	10,595	57 27	..	..	10,595	585 07
Do. V. { Ordinary ..	2,675	14 87	3,575	21 50	100	5 23
Do. VI. { Extraordinary ..	..	..	..	..	..	..
Do. VII. { Ordinary ..	550	3 97	500	3 01	50	2 67
Do. VIII. { Extraordinary ..	..	..	..	..	..	..
Total .	64,372	347 96	50,502	303 77	13,670	733 73

MADRAS,
25th January 1876.

(Signed) J. H. M. SHAW-STEWART, Lt.-Col., R.E.,
Consulting Engineer for Railways

Proceedings of the Madras Government, Public Works Department,
27th January 1876.

ENGINEERING DEPARTMENT

Estimate for Maintenance of Way and Works for half-year ending 30th June 1876
Negapatam to Erode

Miles maintained	Departmentally	By Contract	Total	
Main Line { Double Sidings { Single	166 23 91 13 49 89½		166 23 91 13 49 89½	
Total			179 73 80½	

Head	Description of Work	Ordinary	Total	Remarks
I	Salaries, Office Expenses and General Superintendence, Rupees 1,976 3 0 × 6 =	11,857 2 0		Resident Engineer 818 8 0 Allowance, including travelling expenses of all kinds 105 0 0 Chief Clerk 150 0 0 Draftsman 85 0 0 4 Inspectors at Rs 160 each 640 0 0 4 Inspector's writers at Rs 20 each 80 0 0 6 Do last cars at " 7 " 42 0 0 2 Do " at " 6 " 12 0 0 Office rent 20 0 0 Peons 54 0 0 Stores 20 0 0 11,976 3 0
	Total, Head I.	11,857 2 0	11,857 2 0	For 6 months Rs 1,976 3 0 × 6
II	Maintenance, Permanent way			
	(1) - Wages -			
	1 Gang at Rupees 109 × 6	654 0 0		1 Ganger at Rs 10 each 63 0 0 9 Coolies at " 7 each 63 0 0 6 Do at " 6 " 36 0 0 1 Ganger at " 10 " 10 0 0 8 Coolies at " 5½ each 44 0 0 1 Ganger at " 7½ " 7 8 0 1 Do at " 7 " 7 0 0 5 Coolies at " 5½ each 27 8 0 1 Ganger at " 8 " 8 0 0 5 Coolies at " 5½ each 27 8 0 1 Ganger at " 8 " 8 0 0 4 Coolies at " 5½ each 22 0 0 1 Ganger at " 7 " 7 0 0 1 Do at " 6 " 6 0 0 3 Coolies at " 5½ each 16 8 0 1 Ganger at " 7 " 7 0 0 4 Coolies at " 5½ each 22 0 0 1 Ganger at " 6 " 6 0 0 1 Ganger at " 6½ " 6 8 0 3 Coolies at " 5½ each 16 8 0 1 Cooly at " 5 " 5 0 0 1 Ganger at " 8 " 8 0 0 3 Coolies at " 5½ each 16 8 0 1 Ganger at " 7 " 7 0 0 3 Coolies at " 5½ each 16 8 0 1 Ganger at " 6½ " 6 8 0 1 Ganger at " 6 " 6 0 0 3 Coolies at " 5½ each 16 8 0 1 Ganger at " 6 " 6 0 0 3 Coolies at " 5½ each 16 8 0
	2 " at " 54 × 6	648 0 0		
	1 " at " 42 × 6	252 0 0		
	2 " at " 35½ × 6	426 0 0		
	8 " at " 30 × 6	1,440 0 0		
	1 " at " 29½ × 6	177 0 0		
	2 " at " 29 × 6	348 0 0		
	2 " at " 28 × 6	336 0 0		
	1 " at " 28 × 6	168 0 0		
	23 " at " 24½ × 6	3,381 0 0		
	26 " at " 23½ × 6	3,666 0 0		
	13 " at " 23 × 6	1,794 0 0		
	6 " at " 22½ × 6	810 0 0		
	90 Line Watchmen at Rupees 5 × 6 =	2,700 0 0		
	75 Gatemen (at 3, 4 and 5 Rs) Rupees 275 × 3 Establishment	1,650 0 0 1,680 0 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 × 6 1,680 0 0

Proceedings of the Madras Government, Public Works Department,
27th January 1876.

Negapatam to Erode, &c — (Concluded)

Head	Description of Work	Ordinary	Total	Remarks
II	(2) - Material -	Rs A P	Rs A P	
	Ballast cubic yards 8,000, at Annas 4 per cubic yard	2,000 0 0		
	Earthwork in repairing banks and side walks, cubic yards 7,500, at 1 Anna and 6 Pice per cubic yard	703 2 0		
	Stores	600 0 0		Oil, waste, &c
	Bolts and nuts 500 each	83 13 8		
	Chairs 200 " 0 4 2	65 1 8		
	Cotters and gbs 50 " 0 0 7	1 13 2		
	Sheepers wooden 3,750 " 2 5 0	8,671 14 0		
	Do pot iron 10 " 2 5 2	21 3 8		
	Chair packings 50 " 0 2 3	7 0 6		
	The bars 20 " 1 6 2	27 0 4		
	Keys 10,000 " 0 0 11	572 14 8		
	Iron 10 " 24 11 4	247 1 4		
	Spikes 500 " 0 0 9	23 7 0		
	Crossings 4 " 6 13 0	263 4 0		
	Total, Head II	33 370 6 0	33,370 6 0	
III	Repairs, Wages, and Material -			
	(1) Bridges	200 0 0		
	(1) Tunnels	600 0 0		
	(2) Earthwork	100 0 0		
	(2) Fences	50 0 0		
	(2) Culverts	200 0 0		
	(2) Miscellaneous	200 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	3,274 8 0		
	(2) - Staff quarters	300 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	500 0 0		
	(2) - Tools and plant			
	(3) - Loss in tools			
	Total, Head VI	500 0 0	500 0 0	Platelayers, Carpenters, and Smith's tools
	Grand Total		50,502 0 0	

Arconum and Conjeeveram Section.

Miles maintained	Departmentally	By Contract	Total
Main Line { Double Sidings { Single	18½ 1½		18½ 1½
Total			20½

Robert Brown Esq. M.P.

Proceedings of the Madras Government, Public Works Department,
27th January 1876.

Arconum and Conveyance—(Concluded)

Head	Description of Work	Ord nary	Total	Remarks.
1	Salaries, Office Expenses and General Superintendence, Rupees 53 2 0 X 6	Rs A P 318 12 0	Rs A P 3 43 12 0	
	Total, Head 1	318 12 0	3 43 12 0	
2	Maintenance, Permanent way—			
	1—Wages—			
	1 Sub-Inspector at 20 0 0 X 6	120 0 0		1 Master at 10 0 0 = 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	711 0 0		
	5 Cartmen at 2 0 0 X 6	10 0 0		
	2—Materials—			
	Shoppers	1,0 3 13 4		
	Tools	99 1 0		
	Dog spikes	29 9 4		
	Bolts and nuts	10 0 0		
	Earthwork in repairing Embankments, &c—			
	Earthwork			
	Ballast			
	Miscellaneous stores	50 0 0		
	Extra labor	100 0 0		
	Total, Head 2	2 628 9 8	2,628 9 8	Carpenters Blacksmiths Bricklayers, &c
3	Repairs of Bridges, Ways, &c—			
	1—Bridges	10 51 0 0		
	Tunnels	25 0 0		
	2—Earthwork			
	Fences	25 0 0		
	Miscellaneous	50 0 0		
	Total, Head 3	10 745 0 0	10,745 0 0	* Bridge of four 25' girder openings at 13 miles 75 chains
4	Repairs, Ways and Materials—			
	1—Station Buildings of every description	100 0 0		
	2—Staff Quarters			
	Total, Head 4	100 0 0	100 0 0	
5	Maintenance by contract			
	Total, Head 5			
6	Unclassified Expenditure—			
	Tools and Plant	50 0 0		
	Total, Head 6	50 0 0	50 0 0	Platelayers, Carpenters' and Smiths' Tools
	Grand Total		13,870 5 8	

TRICHINOPOLY,
4th December 1875

(Signed) F T. SMITH,
for Chief Engineer
(") W S BETTS,
Agent.

Proceedings of the Madras Government, Public Works Department,
27th January 1876.

No. 474. ORDER THEREON, 27th January 1876, No. 219.

RAILWAY, No. 43.

ORDERED to be forwarded to the
Government of India.

(True Extract)

(Signed) G. W. WALKER, Major-General, R E,
Secretary to Government.

No. 475.

(DOCKET No. 220, dated 27th January 1876.)

COPY of the above forwarded to the Government of India

(True Extract.)

Major-General, R E,
Secretary to Government

Exd A. Rant
Spare Copies

South Indian Railway.

Abstract of sanctioned estimates for the maintenance of the line during the half year ending 30 June 1876.

Total		Nagapattinam.		Arcot.		Conjeveram.	
		- Vode					
185 miles (single)		168 1/2 miles (single)		18 3/4 miles (single)			
Amount	Per mile	Amount	Per mile	Amount	Per mile	Amount	Per mile

Grade I	Ordinary	{	12206	68.98	11,857	71.32	349	18.61
	Extraordinary							
II	Ordinary	{	35,996	194.57	33,370	200.72	2,626	140.05
	Extraordinary							
III	Ordinary	{	1350	7.30	1200	7.22	150	8.00
	Extraordinary		10,595	57.27	"	"	10,595	565.07
IV	Ordinary	{	3,675	19.87	3,675	21.50	100	5.33
	Extraordinary							
V	Ordinary	{	"	"	"	"	"	"
	Extraordinary							
VI	Ordinary	{	550	2.97	500	3.01	50	2.67
	Extraordinary							
Total.			64,372	347.98	62,502	303.77	13,870	739.73

Madras. 25th January 1876

W. M. M. M.
Lt. Col. R. E.
Consulting Engineer to Government
for Railways

RAILWAY DEPARTMENT

CONSULTING ENGINEER'S OFFICE

Madras, 25 January 1876.

No. 149

From

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

Consulting Engineer for Railways,

To

MAJOR-GENERAL G. W. WALKER, R.E.,

Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

I have the honour to enclose,
for transmission to the Government of India,
lists of maintenance sanctioned in force, during
the half-year ending 30 June 1876, on the lines
of the South Indian Railway open to
public traffic for more than one year.

I have the honour to be

Sir,

Your most Obedient Servant

W. M. M. M. Lt. Col. R. E.

Consulting Engineer for Railways

PUBLIC WORKS.

To Comd. Que. for Rep
Govt of India

No 219. 27 Jan 76
Ordered to be
forwarded to the
Govt of India.
(H. E. Pocket Memo 27 Jan 76)

No 220
Copy of the above
forwarded to the
Govt of India.
G. W. W.

29/1/76
G. O. 27 Jan 76 No. 219
250

473-475
476

Statement of Expenditure
on the P. & E. R.

Ordered that the
for the half year ending 31st
June 1876, be forwarded
to the Govt of India

Dispd. 10-2-76

C. C. for Rep. 21

From

The Consulting Engineer
for Railways

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

Date 25th January 1876

Recd 26th January 1876

No 449

Statement of Expenditure for
Commissioners to the
Govt of India, Provisional
Accounts for 1/2 year
ending 30 June 1876 of
the South Indian
Railways.

P. W. 1876 Dept
RAILWAY DEPARTMENT
No 638