M.R.O. 1—4,002—16 9-48.

(1) Number of pages _____

(2) Date of receipt _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. 1454-55(Rly)	Press
—B.P.—No.—	—Mis.—
Dated 12-6-	1876.

Not to be folded or roughly handled

No. 189. 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, 9th June 1876, No. 286 :—

With letter No. 1,746, dated 5th June 1876, from the Agent, South Indian Railway.

With reference to the Proceedings of Government, No. 736, dated 22nd March 1876, I have the honor to submit three statements in the prescribed form showing the number of sleepers in road and in stock, and the approximate yearly renewals required on the Madras and the South Indian Railways.

MADRAS RAILWAY.

Statement showing Sleepers in Road, in Stock, and Approximate yearly Renewals required for 1876.

Length of Line, including Sidings.	Length laid with Sub-way.		Sleepers in Road.		Sleepers in Stock.		Approximate Yearly Renewals of Sleepers required	
	Iron.	Wood.	Iron.	Wood.	Iron.	Wood.	Iron.	Wood.
Ms. Chs. M. C. F.	Mls. Chs. Ft.	Mls. Chs. Ft.	No.	No.	No.	No.	No.	No.
Double line 8 35×2 = 6 70 0								
Single line 854 52 58								
Sidings 91 10 64								
Total ... 952 53 56	847 47 56	105 6 0	2,730,319	207,833	16,097	20,384	5,000	30,000

MADRAS,
29th April 1876.

(Signed) W. R. ROBINSON,
Acting Chief Engineer.

From W. S. BETTS, Esq., Agent of the South Indian Railway, to Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, dated Negapatam, 5th June 1876, No. 1,746.

YOUR No. 329 of the 1st April last, the Acting Chief Engineer in reply says, "herewith I send you statements of the above which I presume refers to the open line only. The sleepers shown as stock on the Southern Extension are those that were on hand at the Trichinopoly and Tuticorin depôts and on the districts in May. You will observe from statement marked No. 1 that the number of sleepers in the road and on hand is 470,878, or 878 in excess of the number out-shipped for the Southern Extension. In statement No. 2, the stock on hand is reduced by the excess number. Please let me know which of the two statements you adopt."

Proceedings of the Madras Government, Public Works Department,
2th June 1876.

"The approximate yearly re[illegible] of sleepers for the Arconum-Conjeveram section is entered as 920, which has been based [illegible] the average expenditure from September 1875 to February 1876 plus 10 per cent. for contingencies. I estimate 4 miles of sleepers will be required for renewal per annum on the Negapatam to Trichinopoly section. If the renewals are to be with iron pot sleepers, twice the number of sleepers, *viz.*, 14,080 will be required. I have shown this figure in red in the statement. I have assured ½ mile as the probable renewals in the Southern Extension."

SOUTH INDIAN RAILWAY.

No. 1.

Statement showing Sleepers in Road, in Stock, and Approximate yearly Renewals for 1876.

Name of Railway.	Length of line, including Sidings.	Length laid with Sub-way.		Sleepers in Road.		Sleepers in Stock.		Approximate Yearly Renewals of Sleepers required.		Remarks.
		Iron.	Wood.	Iron.	Wood.	Iron.	Wood.	Iron.	Wood.	
South Indian Railway.	M. chs.	No.	No.	pairs.	No.	No.	No.	No.	No.	
Arconum to Conjeveram.	20 37	...	...	56	36,040	...	*279	...	920	* Stock in April 1876.
Negapatam to Erode	179 48·86	...	...	187,667	128,333	‡2,312	‡2,280	...	†7,040	† If renewals are to be with iron pot sleepers, 14,080 will be required.
Trichinopoly to Tinnevelly.	224 60 87	...	...	...	451,544	...	19,334	...	1,000	‡ Stock in May.
Total ...	424 66·73	...	...	187,723	615,917	2,312	21,893	...	8,960	

No. 2.

Statement showing Sleepers in Road, in Stock, and Approximate yearly Renewals for 1876.

Name of Railway.	Length of line, including Sidings.	Length laid with Sub-way.		Sleepers in Road.		Sleepers in Stock.		Approximate Yearly Renewals of Sleepers required.		Remarks.
		Iron.	Wood.	Iron.	Wood.	Iron.	Wood.	Iron.	Wood.	
South Indian Railway.	M. chs.	No.	No.	pairs.	No.	No.	No.	No.	No.	
Arconum to Conjeveram.	20 37	...	...	56	36,040	...	*279	...	920	* Stock in April 1876.
Negapatam to Erode	179 48·86	...	...	187,667	128,333	‡2,312	‡2,280	...	†7,040	† If renewals are to be with iron pot sleepers, 14,080 will be required.
Trichinopoly to Tinnevelly.	224 60·87	...	...	...	451,544	...	18,456	...	1,000	‡ Stock in May.
Total ...	424 66·73	...	...	187,723	615,917	2,312	21,015	...	8,960	

TRICHINOPOLY,
3rd *June* 1876.

(Signed) F. F. SMITH,
for *Acting Chief Engineer.*

Proceedings of the Madras Government, Public Works Department,
12*th June* 1876.

No. 190. ORDER THEREON, 12th June 187[illegible], No. 1,454.

RAILWAY, No. 22.

ORDERED to be forwarded to the Government of India, with reference to their letter, No. 707 R., dated the 9th March 1876.

(True Extract.)

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

No. 191. DOCKET No. 1,455, dated 12th June 1876.

COPY of the above forwarded to the Government of India.

(True Extract.)

Colonel,
Offg. Under Secy. to Govt., P.W.D.,
for *Secretary to Government.*

Exd. E. C. Shunker.

Spare Copies

No. 1746 ~~GREAT SOUTHERN OF INDIA~~ South Indian RAILWAY.

AGENT'S OFFICE,

NEGAPATAM, 5 June 1876

52

From

THE AGENT,

~~*Great Southern of India*~~ *South Indian Railway,*

To The Consulting Engineer for Railways
Madras.

SIR,

Your No. 329 of the 1st April last the acting Chief Engineer in reply says "Herewith I send you statements of the above which I presume "refers to the Open Line only. The sleepers shown as stock "on the Southern Extension are those that were on "hand at the Trichinopoly and Tuticorin depots "and on the distracts in May. You will observe from "Statement marked No 1 that the number of sleepers "in the road and on hand is 470878 or 878 in excess of "the number outshipped for the Southern Extension. In "Statement No 2, the stock on hand is reduced by the "excess number. Please let me know which of the "two statements you adopt."

"The approximate yearly renewal of sleepers for the Tuticorin Coimbatoor section is stated as 9% which has been based "upon the average expenditure from September 75 to February "76 plus 10% for contingencies. The estimate four bullock "sleepers will be required for renewal for January on "the Negapatam to Trichinopoly section. If the renewals "are to be with iron pot sleepers then the number "of sleepers required will be required. I have shown this "figure in red in the Statements. I have assumed 5% ratio as the "probable renewals in the S. Extension."

I have the honor to be
Your most obedient Servant
Millard & Co
Agent.

Statement showing Sleepers in road, in stock, and approximate yearly renewals required 1876.

Length of line including Sidings	Length laid with sub-way		Sleepers in Road		Sleepers in stock		Approximate yearly renewals of Sleepers required		Remarks.
	Iron	Wood	Iron	Wood	Iron	Wood	Iron	Wood	
	Ms. Chs. Ft.	Ms. Chs. Ft.	Ms. Chs. Ft.	No.	No.	No.	No.	No.	No.
Double Line (Ms Chs) 3. 35×2 =	6 - 70 - -								
Single Line	854 - 52 - 58								
Sidings	91 - 10 - 64								
Total	952 - 53 - 56	847 - 47 - 56	105 - 6 - -	27,30,319	2,07,833	16,097	20,384	5,000	30,000

Madras Railway
Chief Engineer's Office
29th April 1876.

True Copy.
Agent and Manager.

Wdy W. R. Robinson
Acting Chief Engineer

No 8

South Indian Railway

Statement No 19

Statement Showing Sleepers in Road, in Stock and approximate yearly Renewals for 1876

Name of Railway	Length of Line including Sidings	Length laid with Sub way	Sleepers in Road		Sleepers in Stock		Approximate yearly renewals of Sleepers required		Remarks
			Iron	wood	Iron	wood	Iron	wood	
South Indian Railway	Miles	Chs	No	No	Pairs	No	No	No	No
Trichinopoly to Tuticorin	20	37	"	"	56	3520	"	279	" 723	* Stock in April 1876
Negapatam to Erode	179	43	86	"	"	18764	128433	2312	2280	" 7040	* Renewals are the north 1 iron for 1 Sleepers 14080 wood to be required
Trichinopoly to Tinnevelly	124	6	87	"	"	"	15154	"	17334	" 1000	* Stock in May
Total	424	87	73	"	"	37723	61577	2312	21893	" 8960	

Chief Engineer's Office
Trichinopoly 3rd June 1876

True Copy
Lieutenant R.E.
Agent

Signed J. J. Smith.
for the Chief Engineer

Statement

South Indian Railway

Statement showing Sleepers in Road, in Stock and Approximate yearly Renewals for 1876

Name of Railway	Length of line including sidings	Length laid with Railway	Sleepers in Road	Sleepers in Stock	Approximate yearly Renewals of Sleepers required	Remarks
		Iron wood	Iron wood	Iron wood	Iron wood	
	Miles chs	do do	Pair do	do do	do do	
South Indian Railway						
Trichinopoly to Caudeveram	70 37	" "	56 36040	" †279	" 920	†Stock in April 1876
Negapatam to Erode	179 48.86	" "	187667 128333	2312 2280	" 7040	*Renewals are to be with the first Sleepers 14080 will be required
Erichinopoly to Dindigul	224 60.87	" "	" 451544	" 18456	" 1000	=Stock in May
Total	474 66.73	" "	187723 615917	2312 21015	" 8960	

Chief Engineer's Office
Trichinopoly 3rd June 1876

True Copy
William Betts
Agent
5/6/76

Signed G. L. Smith
for Actg. Chief Engineer

RAILWAY DEPARTMENT.

CONSULTING ENGINEER'S OFFICE,

Madras, 9th June — 1876.

No. 286

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,

With reference to the Proceedings of Government No. 936 dated 22nd March 1876, I have the honour to submit three statements in the prescribed form showing the number of sleepers in road and in stock, and the approximate yearly renewals required on the Madras and the South Indian Railways.

With letter No. 1746 dated 5th June 1876. from the Agent South Indian Railway.

I have the honour to be

Sir

your most obedient servant

C. H. Shaw-Stewart Major R.E.

for Cons. Engineer for Railways.

RAILWAY DEPARTMENT.

From

The Consulting Engineer
for Railways,

To

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

Dated 9 June 187
Received 10 "
Endorsed No. 286

Submitting three statements showing the number of sleepers required on the 2d and 3d

1 Copy

White ants

Rep. to Govt. 10-6-76. (P. W. 14-6-76.)

No 169-1876

GO 22-3-76 No. 736.
No. 1454 dated 12th June 1876.
Ordered to be
forwarded to the
Government of India
with reference to
their letter No. 707 R
dated the 9th March
1876.

Cur: Engr: for Rys: Dept: 12/6/76
(Mem. No. 1455 of 12th June 1876.
No. 1455.
Copy of the above
forwarded to the
Govt: of India.
Dated 22/6/76

White ants

8. 1161

2. 8. 1876 Mpartment

4161/71.

Ct. of 1876 Madras.

PUBLIC WORKS.

To 4-515 Sleepers

The Chief Engr for Rys

Dated

Recd

Read

G. O. 12th June 1876, No. 1154 P.W.

Nos. 1871-1890 of

1875

Sleepers. (Rys)

Letter from the Secy for Rys. submitting statements of the number of — in road & in stock & the approximate yearly renewals required in the Madras & Southern Mahratta Rys, ordered to be forwarded to the Board of Rev.

Forwarding statements of the number of sleepers in road & in stock & the approximate yearly renewals required in the Madras & Southern Mahratta Rys.