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(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. 612-13 (Ry) Press
B.P. No. — Mis.—

Dated 8 3 1876.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 8th March 1876.

Read the following letters :—

No. 98. 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, 4th February 1876, No. 73.

With reference to the Proceedings of Government, dated 6th November 1875, No. 3,168, I have the honor to reply as follows to the remarks made by the Government of India on the review of the Revenue Account of the Madras Railway for the half-year ending 30th June 1874.

Paragraph 2.—This was an error in copying.

Paragraph 3.—An error in working.

Paragraph 4.—The figures were copied from the Revenue Account in which an error had been made. A similar error was observed in the accounts for the following half-year, and the Agent's attention directed thereto.

Paragraph 5.—The comparison here drawn appears to be incorrect. The length of main line taken is the mileage worked, while that of sidings shows only the mileage maintained from Revenue. The sidings on the Nilgiri branch maintained from Capital will account for the greater part of the discrepancy. Since the new form of Table AI has been introduced, in which the length of sidings is shown, some small discrepancies have appeared, and these are now being cleared up. In the Review for the first-half of 1875 (now nearly ready,) the mileages given in Tables AI and EI will be found to agree. The length of main line according to latest measurements is $858\frac{1}{10}$ miles, instead of $856\frac{3}{4}$ miles as heretofore given.

Paragraph 6.—The Agent states that an error has been made in calculating the average age of sleepers, which will be rectified in future Reviews.

No. 99. From the same Officer, dated Madras, 28th February 1876, No. 111.

In reply to Memorandum, dated the 11th instant, No. 297, I have the honor to state that of the two numbers quoted in paragraph 2 of the letter from the Government of India, recorded with the Order of Government, No. 3,168, dated 6th November 1875, the correct one is 1·863. The information given in Table A is obtained from Table MI.

2. With regard to the average age of sleepers, the figure 0·96, given in the Review for the first-half of 1874, was thus arrived at :—

Total number of sleepers 10′ × 12′ × 6″	=	767
Number renewed during half-year	=	596
Number of old sleepers in line..	—	171

The age of the old sleepers will be 2·6 years, and of the new 0·5 years; and the average age of the whole will therefore be $\frac{(171 \times 2{\cdot}6) + (596 \times 0{\cdot}5)}{767} = 0{\cdot}96$.

3. This figure would be correct had the age entered in the previous half-year been so; but, as explained in my letter No. 73 of the 4th instant, it was found on inquiry that an incorrect method of calculation had been adopted by some of the Resident Engineers. In the Review for the second-half of 1874 the average ages were given correctly; and it will be seen, on reference to the Review for the first-half of

1875, that the ages therein given show a proper increase over those in the previous half-year, after making allowance for renewals and additions.

4. I learn that the large percentage of renewals shown by the figures in paragraph 2 is due to the reconstruction of the roadway across the Huggry river, which was washed away by floods.

No. 100. ORDER THEREON, 8th March 1876, No. 612.

RAILWAY, No. 11.

ORDERED that the explanations received from the Consulting Engineer for Railways be forwarded to the Government of India with reference to their letter recorded with G.O., No. 3,168, dated 6th November 1875.

(Here enter No. 613, dated 8th March 1876.)

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the Consulting Engineer for Railways.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 8*th March* 1876.

No. 101. No. 613.

FROM
MAJOR-GENERAL G. W. WALKER, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To
THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

RAILWAY, No. 12.

SIR,—In reply to your letter No. 2,687 R., dated the 27th October 1875, bringing to notice certain discrepancies in the Review of the Revenue Account of the Madras Railway for the half-year ending 30th June 1874, I am directed to forward explanations of the same, received from the Consulting Engineer for Railways.

I have the honor to be,
Sir,
Your most obedient servant,

Major-General, R.E.,
Secretary to Government.

Exd. S. T. Austin.
Spare Copies

Ar 929

No 297 Simla

The Civil Engineer & Surveyor is requested to state with reference to his letter No 93 dated 4th July 1876, which of the two numbers quoted in para 2 of the letter from the Govt of India recorded with G.O. No 3168 dated 6th December 1875 is correct; and to submit fuller explanation with regard to the average age of sleepers adopted in in para 6 of that letter. The information which has been afforded on these points is imperfect.

By order
Sd/- H. Waller Asst Secy to Govt N.W.P.

Fort William
11 Feby 1877

To
The Civil Engineer & Surveyor

RAILWAY DEPARTMENT

CONSULTING ENGINEER'S OFFICE.

Madras, 4th February 1876.

No. 73

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 dated 6th November 1875, No. 3165, I have the honour to reply as follows to the remarks made by the Government of India on the Review of the Revenue Account of the Madras Railway for the half-year ending 30th June 1874:-

Paragraph 2. This was an error in copying.

Paragraph 3. An error in working.

Paragraph 4. The figures were copied from the Revenue Account in which an error had been made. A similar error was

No. 8 March 76 Bij 8

was observed in the accounts for the following half-year, and the Agents attention directed thereto.

Paragraph 5. The comparison here drawn appears to be incorrect. The length of main line taken is the mileage worked, while that of sidings shews only the mileage maintained from Revenue. The sidings on the Nilgiri branch maintained from Capital will account for the greater part of the discrepancy. Since the new form of Table AI. has been introduced, in which the length of sidings is shewn, some small discrepancies have appeared, and these are now being cleared up. In the Review for the 1st half of 1895. (now nearly ready) the mileages given in Tables AI. and EI, will be found to agree. The length of main line according to latest measurements is 858 1/10 miles, instead of 856 3/4 miles as heretofore given.

Paragraph 6. The Agent states that an error has been made in calculating the average age of sleepers, which will be rectified in future Reviews.

I have the honour to be

Sir

Your most obedient servant

V. Mauttwurst Lieut.-Col., R.E.,

Chief Engineer for Railways.

Go. 3168 dy 6.11.75
" 3487-0-1-9- "
Rec: Asst Madras Ry. 20 June/76

6

RAILWAY DEPARTMENT

CONSULTING ENGINEER'S OFFICE.

Madras, 28th February 1876.

No. 111

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,

In reply to Memoran-
-dum dated the 11th instant, No. 297
I have the honour to state that, of
the two numbers quoted in paragraph
2 of the letter from the Government
of India recorded with the Order of
Government No. 3168 dated 6th Novem-
-ber 1875, the correct one is 1.863. The
information given in Table A is
obtained from Table M. I.

2. With regard to the average
age of sleepers, the figure 0.96, given
in

Nº 98

Letter from the Consulting Engineer for Railways, dated 28th February 1876, Rec'd. 29th ditto, No. 73.

Changes No 297 dy 11.2.76

From

The Consulting Engineer for Railways,

RAILWAY DEPARTMENT. No. 1876

To

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

Forwarding an
Memorandum to be launched
must be by the Railway Depart-
ment for Remarks & Returns
Annual Return for the Half Year
Ended 31st December 1875
Rec'd 29th March 1876

in the Review for the first half of 1874, was thus arrived at:—

Total number of sleepers 10'×12"×6" = 767

Number renewed during half-year — 596

Number of old sleepers in line — 171

The age of the old sleepers will be 2·6 years, and of the new 0·5 years; and the average age of the whole will therefore be $\frac{(171 \times 2{\cdot}6) + (596 \times 0{\cdot}5)}{767} = 0{\cdot}96$.

3. This figure would be correct had the age entered in the previous half-year been no; but, as explained in my letter of 4-73 of the 4th instant, it was found on inquiry that an incorrect method of calculation had been adopted by some of the Resident Engineers. In the Review for the 2nd half of 1874 the average ages were given correctly; and it will be seen, on reference to the Review for the first half of 1875, that the ages therein given show a proper increase over those in the previous half-year, after making allowance for renewals and additions.

4. I learn that the large percentage of renewals shown by the figures in paragraph 2 is due to the reconstruction of the road-way across the Hugary river, which was washed away by floods.

I have the honour to be

Sir

Your most obedient servant

P. Macpherson Lieut.-Col., R.E.,

Cons: Engineer for Railways.

Gov. No. 6 - Nov. 75 No. 3168.
" 16 " " " 3287.
Ch. No. 929 with Memo: No. 2979 11/2/76.

No 612 P. W. Department

Proceedings of the
Madras Government
under date 8th March 1876.

Read the following
letter from the Govt. Engr.
for Rlys
(H.L. No 73 d/4 Feb 1876
H.L. No 111 d/28 Feb 1876)

Ordered that the
explanations received
from the Govt. Engineer
for Railways; be
forwarded to the
Government of
India with reference
to their letter recorded
with G.O. No. 3168,
dated 6 November,
1875,
(H.L. No 613 d/8th March 76)

To the Secy. to the Govt.
of India
P. Works Department
Sir

Govt Secy for Rlys
Recd 17-3-76

P. Dept. 1876 Sept.

RAILWAY DEPARTMENT.

No 1520

From
The Consulting Engineer
for Railways,

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

Dated 28th Feb. 1876.
Rec'd 29th " "

No. 111

Explanations re-
Alamadhi and the
Penner to avoid cr.
Alam. Penner: cr. 295
& 11 miles and other
Rlys Chairman's
Dno. to H.L. Do No. 613
Expressed his 30 Sept.
1874 Rec'd 4-3-76.

Sir

In reply to your letter No 2687 R dated the 27th October, 1875, bringing to notice certain discrepancies in the Revenue of the Revenue account of the Madras Railway for the half year ending 30 June, 1874, I am directed to forward explanations of the same, received from the Consulting Engineer for Railways.

24/2

Guy

98 & 101

in 4-3-76.
in 4-3-76.

1876/924

Govt. of 1876 Madras.

PUBLIC WORKS.

To

The Govt. Engr for Railways
" Govt of India

Ex-I

Ex-I

Ex-I

G. O. 8 March 1876, No. 612/613

Nos. 98-100
101

Forwarding Explanation Submitted by the Engr. for Rlys. regarding the discrepancies noticed in the Review of the Revenue Account of the Madras Railway for the half Year Ended 30th June 1874.

Review of the Revenue Account of the Madras Rly for the half Year Ended 30th June 1874 — Ordered, that the Explanation submitted by the Engr for Rlys, regarding the discrepancies in the — be forwarded to the Govt of India.

Lr 4-3-76.
Gen 4-3-76.