

(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.	17	(Ry)	Press
B.P. No.			Mis.
Dated	4-1-		1876

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
4th January 1876.*

No. 33. Read the following letter from Colonel H. DRUMMOND, R.E., Deputy Secretary to the Government of India, Public Works Department (Railway), to Major-General G. W. WALKER, R.E., Secretary to the Government of Madras, Public Works Department, dated Fort William, 11th December 1875, No. 3,043 R. :—

I AM directed to acknowledge the receipt of your letter, No. 3,058, dated the 28th October 1875, and in reply to convey the sanction of the Government of India to the estimates, amounting to Rupees 9,01,847, therewith submitted, for improved permanent-way for girder bridges on the Madras Railway, Rupees 5,79,919 being charged to Capital as proposed, and the remainder, Rupees 3,21,925, to Revenue. I am also to communicate the following remarks and suggestions for consideration by the Madras Government.

2. Experience in Upper India is against the use of coach screws for fastening rails. Alternate dry and hot weather causes the disintegration of the fibre of the wood at the thread, and very shortly the screws have no holding power. Again the bolt which holds down the baulk has its head covered by the rail and cannot be reached by a spanner so that it may be tightened up without the removal of the rail. It would seem better to place two bolts one on each side the rail with a flat bar to hold the timber down, the bolt heads being undermost and the fastening secured with double nuts.

3. The gauge tie bar, as now designed, might be caught by a loose coupling chain hook. It appears necessary to add a transom of timber to render this impossible. The timber might be protected with thin plate iron or other method from fire.

4. The capital portion of the sanction accorded in paragraph 1 has been registered as No. 32 M.R. of 1875-76, and the estimates and plans are herewith returned as requested.

No. 34. ORDER THEREON, 4th January 1876, No. 17.

RAILWAY, No. 4.

COMMUNICATED to the Consulting Engineer for Railways, who will make known to the Railway authorities the remarks and suggestions of the Government of India.

(True Extract.)

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

To the Consulting Engineer for Railways, with plans and estimates.
„ Examiner of Railway Accounts.

Exd. E. C. Shunker.
Spare Copies

11th order

P. W. 1875 Dept
No 8070

From
The Govt of India

Dated 11th Dec^r 1875
Rec^d 20th

86. No 3043 R.

Sanctioning the Estimate
of Rs 90,925, for improved
permanent way for girder
bridges on the Madras
Railway; with remarks.

With orders

No. 17.
Recommended to the Committee Engineer for Railways who will
make Hunter to the Railway authorities the necessary and long-
gestions of the Government of India.

G. H. H.

Gifts

Can I say for Bygo with Plans & Estimates -
Examiners, Railway Accounts. On

824A-12-1-76 17

Ansorgo

Obt. of 1875 Madras.

PUBLIC WORKS.

*Comm: Jugs for
Reg*

Date

From

To

To

G. O. 1875, No.

H. J. J. J.

17
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*Imprived permanent way
engines bridges on the
Madras Railway. Letter
from the Govt of India came
bearing with remarks the
estimate amounting to Rs
9,04,847 for —, Commd to
the Comd for Rs with
instructions*