

1873
Public Works (190) Department

RAILWAYS.

G.O., No. 1253 R

1893.
DATED 26-9-190

[Despatch Abstract.]

Report of an inspection of the Krishna
Bridge and its approaches:- Recording
a memo from the Consulting Engineer
for Railways, submitting the report
t,

Indexed

[illegible]

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Gradus

2-~~August~~ September 1893.

From the Senior Port.
Inspector of Railways

To the feet of the
foot of India
P. W. D.

Sir, I h. the h. to
forward herewith a
report of the Respec-
tion of the Krishna
Bridge & the apprao-
ches thereto of the
East Coast Ry. - made
by Mr. H. W. Bennett
Dy. Engr. Insp. for
Railways on 23rd &
24th June -

24th June 1901
I confirm the re-
port & certify that
the bridges can safely
be used for passen-
ger trains, but until
the Beysvada princi-
pal station is com-
pleted & a station
opened on the right
bank of the river
Kristna - this sec-
tion will remain
unopened for

passenger traffic.

No calculations have been made of the stresses produced by the test load used on the Kristina bridge. The spans of 300', Eastern main canal girder spans of 100' or the Western main canal girder spans of 60' as they are all of standard design.

Should there calculations be required they will be submitted.

Test -
The 20' girders which were built in India under an assumed distributed load of 26 tons gave a result of 2.02 tons per square inch compression & tensile stress on the top & bottom booms at the center of the girder.

under the test load
The deflections observed are satisfactory on all the girders as a criterion of stiffness.

The only reliable observation of oscillation is that taken by the theodolite.

I am

Yours

23
8

Form No. 1.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

Madras, 7 September 1893.

Date on an inspection of the Krishna Bridge
(and its approaches), East Coast Railway
made by Mr. H. W. Bennett, Dy. Engineer on the
23rd & 24th June, 1893.

Letter No. 1883 dated 2nd Sep 1893 from the Senior
Joint Inspector to the Secretary to the Govt. P.W.D.
Simla.

No. 275

SUBMITTED.

For the information of Government.

Imm
9/9.
for E.R.

Subject.

Enclosures - were original in
enclosures submitted to India
letter 1883 of 2 Sept.

Imm 21

Enclosures were submitted
in duplicate - both sets
were signed by Encl. Encl.

Encs. Diagram copy of Imm
1893.

Imm 21

Encl.
E.R.

OK E.F.
7/8/93

L. COURT 7780

[Faint handwritten text, possibly a list or notes]

Encl 2
Regd: 11-9-93

B.
No 1253 R of 26-9-93

B

No 1253 R of 26 Sept 93.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Endorsement from } H. No. 275 of 9 Sept 1893.
the Comptroller for Rys.

Recorded.

Mu
21
9 R

DESPATCHED
28 SEP 93

To the Comptroller for Rys.
28/9