

Public Works (1899) Department.

RAILWAY BRANCH.

G.O., No. 195-96. *Ry*

DATED 20th Feb'y 1899.

[Despatch Abstract.]

Working of Mr. Stone's Hydraulic
Apparatus
Ordered that a copy of report by the
Agent, Madras Railway, on the —
be forwarded to the Govt. of India.

Forwarded

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

Railway
CURRENT No. 47

From The Soul of India.

Order No. 172 of 14.1.99.

Con. Regis endorsement thereon.

N. Vol.

Copy forward to the Agent M.B. with a request that the story may be looked to report on the signal referred to, which are understood to be those at Ruygenham recently put out of use.

7th

Leah
3/2/99

Order. No 195 By Jt 20/2/99

A copy of August Dr. B. $\frac{11638}{179}$ dated
16th Feb. 99, will be forwarded to the Govt. of India

Doclet № 1964 y d 20/2/99 741

Found. 17/4/77

No. 1721 R. 8.

Dated 29th December 1898.

Received

Registered

Enclosures

Spare copies

SUBJECT.

Working of his Stoney's
hydraulic apparatus

Requesting to be furnished
with a report on the
for the working of points
and signals in use on
the Massachusetts Railroad.

BACK PAPERS.

FURTHER PAPERS.

All communications should be addressed to the Secretary.

To

The Joint Secretary to the Government of Madras,
Public Works Department,
Railway Branch.

Simla, the 29th December 1898.

Sir,

I am directed to request that the Consulting Engineer for Railways, Madras, may be instructed to arrange to furnish the Government of India at an early date with a report on the working of Mr. Stoney's hydraulic apparatus for the working of points and signals in use on the Madras Railway.

I have the honour to be,

Sir,

Your most obedient servant,

Offg. Under Secretary.

Documents accompanying:-

Nil.

M.I.

Enclach from a letter from the Chief Engineer
Nº. 6/256 dated 15th February 1899.

— " —

No. Simple form of Hydraulic Installation was
designed by M^r. Honey, which worked 8 sets of points at
distances varying from 30 to 540 feet from the cabin, as well
as 5 signals at Royapnam: for this water was pumped up
and stored in a small tank about 50 feet high and conveyed
by common 1" gas pipes to the hydraulic cylinders fixed at
the points and signals to be worked.

2. This installation was in use for 5 years, i.e., from March
1893 to March 1898; it was removed when the alteration of
the Royapnam Yard was made; it was not very satisfactory
as there was no return current to show that the points had
moved over, and the detectors worked by wires often gave trouble,
so that the designer is unable to recommend its use.

John Enclach.

Encl.

File No. 1
 179
 886
 16. 2. 99
 Am

The enclosed is a copy of the report of the
 Committee on the subject of the proposed
 extension of the railway from the
 present terminus to the proposed
 terminus at the end of the line.
 The report is in two parts, the first
 part dealing with the proposed
 extension of the line to the
 proposed terminus at the end of the line.
 The second part dealing with the
 proposed extension of the line to the
 proposed terminus at the end of the line.
 The report is in two parts, the first
 part dealing with the proposed
 extension of the line to the
 proposed terminus at the end of the line.
 The second part dealing with the
 proposed extension of the line to the
 proposed terminus at the end of the line.

Yours faithfully,
 J. S. M.

(No. 11.)
 No. 11638.

179

MADRAS RAILWAY.

AGENT AND MANAGERS' OFFICE,

Madras, 16th January 1899.

From



The Agent and Manager.

Madras Railway Company.

To

The Consulting Engineer for Railways.

SIR,

Madras.

With reference to your endorsement No. 192 dated
 the 16th January 1899 on Government of India letter No.
 1921 S.O. dated the 29th December 1898, asking for a
 report on Mr. Stoney's hydraulic apparatus for the
 working of points and signals in use on the Madras
 Railway, I have the honor to forward herewith extract
 from a letter received from the Company's Chief Engineer
 No. 6/256 dated the 15th instant.

I have the honor to be,

Sir,

Your most obedient servant,

J. S. M.
 Agent and Manager.

Enclosed
 the

Yours
 J. S. M.

MADRAS RAILWAY.

From

The Agent and Manager.

To

The Consulting Engineer
for Railways.

Dated
Recd.

188

No.