

*Proceedings of the Madras Government, Public Works Department,
8th November 1875.*

No 209. Read the following endorsement of the Consulting Engineer for Railways,
dated Madras, 30th October 1875, No 586 —

From R. B ELWIN, Esq, Agent and Manager of the Madras Railway Company, to
Lieutenant-Colonel J H M SHAW-STEWART, R E, Consulting Engineer
for Railways, dated Madras, 4th October 1875, No 1,034

WITH reference to your letter, No 838, of the 12th September 1873, I have the
honor to quote as follows, for your information, from a letter addressed to me by the
Chief Engineer, No 750, of the 2nd instant. —

“ I beg to inform you that as far as we can judge, considering the compara-
tively short time which has elapsed since the application of the solution of silicate
to the brickwork of the Central Station House, the process may be said to be fairly
successful

“ The application of the solution was commenced in May 1874 and finished
in December of the same year, and, except in cases where bricks had previously been
deeply eroded, no deterioration is apparent on the face of the brickwork

“ The brickwork of the boundary wall of the Central Station which was not
subjected to the silicating process is so decayed as in many places to require
renewal ”

SUBMITTED for the information of Government, with reference to the Proceedings
of Government, No 2,413, dated 1st October 1873

2. The results of the silicating process appear to be satisfactory in arresting the
decay of brickwork In inspections of the Central Station it has been observed that
the well (or slightly over) burnt bricks are in nearly all cases sound Great care is
apparently required in the selection of face-bricks when the material cannot be fully
relied upon.

(Signed) W H COAKER, Captain, R E,
for Consulting Engineer for Railways

No 210. ORDER THEREON, 8th November 1875, No. 3,196

RAILWAY, No 33

THE remarks on the present occasion
seem to have been confined to the result
of operations conducted in 1874 only

The present state of the brickwork experimented on in 1872 and 1873, as recorded in
G. O, Nos 2,806 and 2,413, of 29th November 1872 and 1st October 1873, should
be again reported on.

(True Extract)

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

To the Consulting Engineer for Railways.

Exd W. J. Lewis.
Spare Copies

No 1034

MADRAS RAILWAY

AGENT AND MANAGER'S OFFICE

Madras, 11th October 1875.

From

Robert B. Elwin Esq.
Agent and Manager.

To

Leut Colonel A. H. M. Stewart
Consulting Engineer for Railways.

Sir,

With reference to your
letter N 838 of the 12th September 1875,
I have the honour to quote as
follows for your information from
a letter addressed to me by the
Chief Engineer, N 750 of the 2nd instant.

"I beg to inform you that as
"for as we can judge considering
"the comparatively short time which
"has elapsed since the application
"of the solution of nitrate to the
"brickwork of the Central Station
"House, the process may be said to be
"fairly successful.

"The application of the
"solution was commenced in May 1875.

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"and finished in December of the
"same year, and except in cases
"where bricks had previously been.
"deeply eroded no deterioration is
"apparent on the face of the brickwork.

"The brickwork of the
"boundary wall of the Leutich Station
"which was not subjected to the
"sifting process is so decayed as
"in many places to require renewal.

I have the honor to be
In
Yours most obediently
H. A. Lewis
Agent and Manager

RAILWAY DEPARTMENT.

Consulting Engineer's Office

Madras, 30th October — 1875.

No 586

SUBMITTED *for the information* OF GOVERNMENT—
with reference to the Proceedings of
Government No. 2413 dated 1st October
1873.

2. The results of the silicating process appear to be satisfactory in arresting the decay of brickwork. In inspections of the Central Station it has been observed that the well- (or slightly over-) burnt bricks are in nearly all cases sound. Great care is apparently required in the selection of fire-bricks when the material cannot be fully relied upon.

Involved R.B. Captain
for - Genl. Engineer for Railways

To The Secretary to Government
Public Works Department
Fort Saint George.

MADRAS RAILWAY

The Agent and Manager

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The Consulting Engineer

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Proceedings of the Madras Government
Under date the 8 Novr. 1875
Read the following

From
The Eng. Eng. for
Railways } (P.C. No. 586 d/30th Oct 1875)

The remarks on the present occasion seem to have been confined to the result of operations conducted in 1874 only. The present state of the brickwork experimented on in 1872 and 1873, as recorded in G.O. Nos 2806 and 2413 of 29th November 1872 and 1st October 1873, should

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- 29 June " " 476-477
- 1st Aug 73 .. 226-229

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The Consulting Firm

for Railways.

*The Secretary to Government,
P. W. Department,
Post St. Girga.*

Dated 30th October 1875.
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No. 586

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Printed and Published by

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Gobl. of Madras.
PUBLIC WORKS.

To Comg. Engrs for
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G. O. 8th Nov 1875 No. 3156

No. 209-210

Relating to Process - Passing
orders on a letter from the
Comg. Engineer for Pys sub-
-mitting a report from the
Madras Railway on the
as applied to the brick-
-work of the new Central
Station -

2-11-75