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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. 3454-A-*RG* Press
B.P. No. Mis.

Dated 8-12-74 *1954*

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
8th December 1874.*

No. 167-A. Read the following endorsement of the Consulting Engineer for Railways, dated Madras, 7th December 1874, No. 740:—

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, 5th December 1874, No. 1,031.

I HAVE the honor to enclose you copies of the 36th and 37th paragraphs of my letter to the Board, No. 1,130, dated the 4th of November, in which I recommended that Mr. Beresford Anderson, this Company's Chief Engineer, should proceed at once to England to confer with Sir John Hawkshaw as to the construction of new bridges on the North-West Line in lieu of those which failed during the floods in the latter part of October.

2. I have this morning received from the Directors a telegram* in which they express their assent to my proposal subject to the sanction of Government.

* Copy enclosed.

3. I have therefore the honor to request that you will be so good as to submit this communication, with the enclosures, to the Government, and I trust that, under the circumstances, His Excellency the Governor in Council will approve of Mr. Anderson going to England on duty, as soon as he has collected all the information which will be required for the purpose of discussing with Sir John Hawkshaw the important subject in question.

4. It is apparent from the Directors' telegram that it is intended to take advantage of Mr. Anderson's presence in England to consider also the design for the Huggry bridge, now in course of construction.

Extract from a letter from the Agent and Manager, to the Secretary, Madras Railway Company, No. 1,130, dated the 4th November 1874.

PARAGRAPH 36.—I enclose in the packet copy of a letter* which has been addressed to me by Mr. Anderson since his return to Madras,

* No. 729, dated 3rd November 1874.

which contains the fullest information as to the damage to the works on the North-West Line which he is at present in a position to afford. It has been arranged that Colonel Shaw-Stewart, Mr. Anderson, and myself leave Madras to-morrow morning to inspect the North-West Line, and particularly the Cheyaur, Paupugnee, Chittravutty, and Pennair bridges, after which full reports upon the subject will be forwarded to London.

37. In the meantime, however, it appears to me that, judging from what has happened, there can be no doubt that the designs of nearly all the bridges on the North-West Line will have to be altered so as to afford much more waterway than is allowed in the present structures. The Board will of course take the advice of their Consulting Engineer before coming to any decision upon a subject so important, and one which would entail the expenditure of a very considerable sum of money, and after discussing the subject with Mr. Anderson I have come to the conclusion that in that event it will be desirable that he (Mr. Anderson) should return to England at once, in order to confer with Sir John Hawkshaw, and supply the local knowledge which will be absolutely necessary in arriving at a decision in the matter. The only other course open appears to be that Sir John Hawkshaw should visit India, and as that will probably not be feasible, Mr. Anderson will hold himself in readiness to leave for England upon receipt of a telegram to that effect from the Board. He will in the interim acquire the information and prepare the plans, etc., which will be required by Sir John Hawkshaw.

*Proceedings of the Madras Government, Public Works Department,
8th December 1874.*

Telegram from J. BYRNE, Esq, London, to R. B. ELWIN, Esq., Madras, dated 4th December 1874.

With Government sanction send Anderson with fullest information about all bridges, and reasons for not founding Huggry bridge on rock.

SUBMITTED for the consideration of Government, and for early instructions.

(Signed) J. H. M. SHAW-STEWART, Lieut.-Colonel, R.E.,
Consulting Engineer for Railways.

No. 167-B. ORDER THEREON, 8th December 1874, No. 3,454-A.

RAILWAY, No. 26-A.

The action proposed to be taken by the Chief Engineer of the Madras Railway with the concurrence of the Direc-

tors of that line, to proceed to England to confer with the Consulting Engineer of the Railway as to the design of the new bridges to be constructed on their North-West Line, is approved.

2. It will be absolutely necessary, in the opinion of His Excellency the Governor in Council, that he should take with him accurate sections of each river at the bridge sites, much uncertainty as to the cost of the new Cheyaur bridge having arisen from the imperfection of the sections originally taken, the borings having failed to be driven to a solid stratum.

3. These Proceedings will be communicated to the Government of India.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

No. 167-BB.

(DOCKET No. 3,454-AA, dated 8th December 1874.)

COPY of the above forwarded to the Government of India.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

Exd. S. T. Austin.

Spare Copies

No. 1081

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE.

Madras, 5th December 1871.

From

R. L. Collins, Esq.

Agent and Manager. *Ch. H. Co.*

$$T_0$$

W. Col. H. H. Allen, Newark, N. H.

Consulting Engineer for Railways.

SIR,

I have the honour to enclose
your copies of the 26th and 27th paragraphs
of my letter to the Board of 11th dated the
4th of November, in which I recommended
that Mr. Ponsford & his sons, the
Company's Chief Engineer, should proceed
at once to England to confer with Sir
John Hawkshaw as to the construction
of new bridges on the South West
incline of those which failed during
the floods in the latter part of October.

2. I have this morning received from the Directors a telegram in which they express their assent to my proposal subject to the sanction of Government.

3. I have therefore the honor to request that you will be so good as to submit this communication with the enclosures, to the Government, and I trust that under the circumstances this

3 12
Excellency the Governor in Council will
approve of Mr Anderson going to England
on duty, as soon as he has collected all
the information which will be required
for the purpose of discussing with Sir
John Hawkshaw the important subject
in question.

4. It is apparent from the Director's
telegram that it is intended to take
advantage of Mr Anderson's presence in
England to consider also the design for
the Huggins bridge now in course of
construction.

I have the honor to be,
Sir,
Your most obedient servant
W. J. Brown
Agent and Manager

Extract from a letter from the agent and manager
to the Secretary, M. R. Co. No. 1130 dated the 4th
November 1874.

Para 36. I enclose in the packet copy
of a letter which has been addressed to me by
Mr. Sturgeson since his return to Madras, which
contains the fullest information as to the damage
to the works on the North West Line which he is
at present in a position to afford. It has been
arranged that Colonel Shew the Hon. Mr.
Sturgeson and myself leave Madras tomorrow
morning to inspect the North West Line, and
particularly the Cheyair, Pauparguee,
Chittavally and Pennair Bridges, after which
full reports upon the subject will be forwarded
to London.

37. In the meantime however it appears
tame that judging from what has happened
there can be no doubt that the designs of nearly
all the Bridges on the North West Line will
have to be altered so as to afford much
more waterway than is allowed in the present
structures. The Board will of course take
the advice of their Consulting Engineer before
coming to any decision upon a subject so
important, and one which would entail
the expenditure of a very considerable sum
of money and after discussing the subject
with Mr. Sturgeson I have come to the conclu-
sion that in that event it will be desirable
that he (Mr. Sturgeson) should return to

MADRAS RAILWAY.

From

The Agent and Manager.

To

The Consulting Engineer

M. R. Co. Dec. 1874 for Railways.

En 13 Dec. 1874.

Dated 3rd December 1874

Recd.

7.11.1881.

Regarding approval
of first 10 for Madras
Madras proceeding
England to end of
the 10th of the 10th of the 10th
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M. R. Co. Dec. 1874.

England at once in order to confer with Sir John Hawkshaw, and supply the local knowledge which will be absolutely necessary in arriving at a decision in the matter. The only other course open appears to be that Sir John Hawkshaw should visit India and as that will probably not be feasible Mr Anderson will hold himself in readiness to leave for England upon receipt of a telegram to that effect from the Board. He will in the interim acquire the information and prepare the plans &c. which will be required by Sir John Hawkshaw.

1 True Extract

W. J. K. W. H.
Agent & Manager

Ms. 9665/24
24. 7. 82
24. 13. 82
24. 16. 82

W. J. K. W. H.

5 P 50 4

Telegram

Dated London 14 Dec 1874

From
Byrne Esq
London

To
Elwin Esq
Madras.

With Government sanction send Anderson with fullest information about all Bridges and reasons for not founding Huggri bridge on rock.

(True copy)

W. J. K. W. H.
Agent and Manager.

Ms. 78 D. 2. 1/14
L. 13. 11. 1678
Ms. 78 D. 2. 1/14
L. 13. 11. 1678

No. 700

SUBMITTED for the consideration of Government, and
for early instructions.

Wentworth

CONSULTING ENGINEER'S OFFICE,
Madras, 7 December 1874.

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

Lt. Col. R. E.,
Cons. Engineer for Railways.

proceeding to England
to confer with Sir
John Hawkshaw as
to the construction
of the new bridges
in the NW Line.

P. W. 1874 Sept.
RAILWAY DEPARTMENT.

1873.
No. 7665

From
The Chief Engineer
and Consulting Engineer
for Railways,

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

E. 3
G.O. No. 3454 A. 8-12-74.
Dated 7 December 1874.
Received 8

No. 7660

Submitting letter
from the Chief Engineer
requesting approval
sent to Mr. B. Anderson

Cholby

Mr. 7665/74.

P. W. 1874

P. W. 1874

Proceedings of the Board for
Road the following

From

The Chief Engineer
for Railways

G.O. No. 3454 A of 8 December 1874.

The action proposed
to be taken by the Chief
Engineer of the Madras
Railway with the con-
currence of the Directors
of that line, to proceed to
England to confer with
the Chief Engineer of the Rail-
ways as to the design
of the new bridges to be
constructed in their NW
Line is approved.
It will be absolutely
necessary, in the opinion
of His Excellency the
Governor in Council,
that he should take
with him accurate
sections of each river

[Faint handwritten notes and signatures]

[Signature]

at the Bridge sites,
much uncertainty
as to the cost of the
new Cheyenne Road
having arisen from
the imperfection of the
sections originally taken,
the boring having failed
to be driven into a solid
stratum. The proceedings
will be communicated
to the Government of India.

Doctel No 345084
Copy of the above
forwarded to the Govt
of India.

C.E. for Rgs.

M.S. Despatch to the Govt
Enquire 8/12/74
O.C. order to do 12/2/74
James R. Acumb
lighted. Copies despatched 14/12/74.

Sign & Co. Copies despatched 14/12/74.

167A-167B13

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7665 ✓

Govt. of Madras
PUBLIC WORKS.

Richard J. J. J.
9-12

Label

Recd.

Encl.

3254

G. O. 8 Dec. 871. No. 3254

Nos. 167 A. 167 B. B.

New Bridges on the North
West Line. Madras P.

The action proposed
to be taken by the Chief
Engineer of the Madras
Railway with the concurrence
of the Directors of that line,
to proceed to England to
confer with the Comrs.
of the ~~Ry~~ Railway as to
the design of the new bridges
to be constructed on the
North West line, approved.

Forwarding copy
of Proceedings ap-
proving of the action
proposed to be taken
by the Chief Engineer
of the Madras Ry
with the concurrence
of the Directors of that
line to proceed to En-
gland to confer with
the Comrs. of the
Railway as to the
design of the new
bridges to be con-
structed on their
North West line.

with certain remarks.