

*Proceedings of the Madras Government, Public Works Department,
17th August 1864.*

No. 333. Read the following letter from Captain J. MULLINS, R. E., Consulting Engineer, Irrigation and Canal Company, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Madras, 6th August 1864, No. 63:—

SIR,

1. In continuation of my letter No. 48 of the 23rd ultimo, I have the honor to forward, for the information of Government, a letter* from the Agent to the Irrigation and Canal

Company, on the subject of the temporary communications across, and the state of the banks of, the Canal in the first Section, or from the head down to the Hindry Aqueduct.

2. Mr. Henslowe, it will be seen, has received a report from the Executive Engineer of the Hindry Division that all the temporary bridges have been constructed, and that the Canal bank revetments, which had settled considerably on the admission of water, were being attended to and the earthworks protected temporarily.

3. There was to be a temporary ferry boat in this section. This is not mentioned as having been placed on the Canal, but, if the depth of water be under a foot, it would be difficult to use one, and for all the land likely to be irrigated this year a depth of two inches, were the sole of the Canal perfectly smooth, would be more than ample.

No. 334.

ORDER THEREON, 17th August 1864, No. 2,349.

Ordered to be recorded.

(True Extract.)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Deputy Secretary to Government.

Exd: S. T. Augustin.

MADRAS IRRIGATION AND CANAL COMPANY.

No 34

MADRAS

5th August

1864.

From The Agent and Manager
Madras Irr. & Canal Co.
To The Consulting Engineer
Madras Irr. & Canal Co.

On receipt of your letter of the 12th July
No 113 drawing my attention to Government or-
der No 1546 of the 29th May, I telegraphed to Col.
Botton expressing the hope that all the conditions
required by Government had been observed
previous to the admission of water into the Canal
and I also sent him copy of your letter above
quoted.

I have now received a Report from the
Executive Engineer in charge of the Hendry
Division stating that all the Temporary Bridges
have been constructed on the 1st section of the
Mellai Canal; that the Embankment has been
strengthened at most points, and that where the sec-
tion has not been fully completed, it soon will be.
That a great extent of the Revetting has been com-
pleted to 3' above the bed of the Canal with few
exceptions that there has been done in all important
parts but that in several places it has sunk 2
or 3 feet; to make up for which the following
measures have been adopted.

Very truly
Your obedient servant

Small branches & leaves have been spread
on the inner face of the embankment a few inches
thick. Over these two substantial Bamboos tied
are secured to the Bank with wooden pegs and a
few stones laid on them to ensure their being kept
in their places. And a floating Breakwater will
be moved in front of the Bank when required.

3. The Chief Engineer observes that so
long as the Channel Banks are left dry they will
never settle, and to complete the Reclamation before
water is admitted must entail expense in re-
building parts which will be disturbed when
water reaches them, & that his object has been
to defer the raising of the reclamation at all be-
yond the actual receipt of the case until water
could be brought down the Channel.

4. Mr. Bottom further observes that the
tanks require to be filled with caution & the re-
ments repaired when any displacement occurs.
Had time been available he would have or-
dered the planting of Aquatic plants in some
parts, but that the Commissioner was pursuing a
proceeding satisfactorily.

5. No more water will be admitted
this year than is required for about 2000 acres.
Amounting really to only 3 or 4 inches of water
in the Channel. The great object Mr. Bottom
considers is to get the Banks down to their
bearings, and the reclamation when the water reaches
it that with confidence they may afterwards
be raised to full height.

6. With these explanations I trust
it will be considered that the spirit of the
Government

Government order has been carried out.

I have the honor to be
Sir,

Yours most obedt Servant

J. Kuntze Esq. Secy

Agent and Manager

[Faint handwritten notes and signatures in the right margin]

[Handwritten initials]

Consulting Eng. Office S. C. Co.
Madras.

No 63. 6 August 1884

From
Captain John Mullins P.E.
Consulting Engineer, S. C. Co.
To
The Secretary to Government.
Department of Public Works.
Sir,

In continuation of my letter
No 48 of the 23rd ultimo, I have the honor
to forward for the information of Govern-
ment a letter from the Agent to the
Irrigation and Canal Company on the
subject of the temporary Communication
across, and the state of the banks of, the
Canal in the 1st section, or from the head
down to the Hindry Aqueduct.

2. Mr. Henslowe it will be seen
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all the temporary Bridges have been
constructed and that the Canal
bank/retentions, which had settled
considerably on the admission of water,

were

To Govt. 27.6.84/14-63.
Copy in letter to Govt. 1.10.84.
28.3.84/14-63.

1.031

1884

From the Agent to the
Irrigation and Canal Company
to the Secretary to Govt. 1.10.84

Letter 53 August
1884

Regarding the
Communication
to the Canal.

27.7.84/99/14

No 834 of the
5th Substant

were being attended to and the
Earthworks protected temporarily.

3. There was to be a ^{temporary} ferry boat
in this section.

This is not mentioned as having been
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of water be under a foot it would
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the land likely to be irrigated this
year a depth of 2 inches, were the sole
of the Canal perfectly smooth, would
be more than ample.

I have the honor to be
Sir,

Your most Obedt Servant

Wm. L. Lins. Capt. R. E.

Consulting Engr. S. W. C.

Canal

2349

2349

Ordered to be recorded.

M.

Chepman
17th Aug 1864

Copy in a letter to England
By 22 Sept. N° 45 of 1864

11

From ^{Depo} ~~Pro. of~~ ^{Pro. of} ~~for~~ ^{for} ~~May~~ ^{May} ~~1864~~ ¹⁸⁶⁴ N° 3499

The Consulting Engineer
J. H. B.

To
The Secretary to Govt.
P. H. D.

E. 1.

1. Original letter from
Agent N° 834 of N° 357.

Dated to } August 1864
Received of }

E. 1.

Forwards a letter
from the Agent N° 834 of the
5th instant on the subject of
the temporary Communica-
tion across and the state
of the banks of the Canal
in the 1st section or from
the head down to the Windy
Aqueduct

N° 333.334

11

no. 2349-17th August 1864

(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. 2349	Press
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Dated 17-8-1866	

Not to be folded or roughly handled