

(1) Number of pages 10
(2) Date of repair 2. 7. 69
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 99	Press -Mis.-
204-205.	
Dated 13. 1.	18 69.

Not to be folded or roughly handled

R.R.

Madras Government, Public W.
12th January 1869.

ad the following letter from the Consulting Engineer
Canal Company, to the Secretary to Government, P.
Department, dated Madras, 10th December 1868, No. 94.—

I have the honor to forward, for the sanction of Government, an es-
timate of Rupees 5,000, for the repair of the breach in the north bank of the Soonkasala
Anicut.

Paragraph 42 of letter No 68, dated 26th Sep-
tember 1868
Endorsement No 70, dated 30th September 1868
Proceedings Madras Government, No. 3,586,
dated 17th November 1868

Vide General Ludlow's letter, paragraph 13,
dated 18th August 1868
Proceedings Madras Government, 15th Septem-
ber 1868, No 2,668

2. The breach occurred in Septem-
ber last, and will be found noticed in the
papers as per margin.

3. From the cross sections at
2010, 6, and 119½ of the enclosed plan,
it will be seen that the anicut at this
part was built with a space in the middle
of the body-wall, which space was filled
in with rubble and sand, a description of work not at all adapted to the circum-
stances of an anicut across a large river.

4 The new work will be sufficiently substantial, but the old wall in continu-
ation of the breach would not, I think, be safe, if left as it is with a rear face so
arranged as to make it very probable that a failure will occur during future freshes.
I am of opinion, therefore, that it will be advisable to take down the rear part of the
old anicut wall, wherever it is both stepped on the rear face and also constructed
with a sand and rubble core, and rebuild it to correspond with the intended new
work at the breach. The stone used in the old wall was both small and irregular,
and it can hardly be expected that it will stand if the rear face have off-sets as
shown in the cross sections; the displacement of the surface stones must, with the
core construction, be very likely to lead to a complete breach.

No. 205. ORDER THEREON, 13th January 1869, No. 99.

IRRIGATION, No. 16.

The Government sanction the esti-
mate of Rupees 5,000 for the repair of
the breach in the north bank of the Soon-
kasala anicut, and, as they concur with the Consulting Engineer in the opinions
expressed in paragraph 4, His Excellency in Council requests that the Company's
Officers may be called upon to submit an estimate for the proposed additional work.

(True Extract.)

Colonel, R. E.,

Secretary to Government.

To the Consulting Engineer for Irrigation and Canal Company.
" Manager for do. do.

Exd. S. T. Augustin.

4. The new work will be sufficiently sub-
stantial, but the old wall in continuation of

20

THE CONSULTING ENGINEER 105
IRRIGATION AND CANAL COMPANY

do, do, do

Dated January, 1901

Recd.

Encl

G O, 13th January 1899, No 99

JANUARY.

Nos. 201-205

Soankasala Aicut (Madras Irrigation and Canal Company) — Estimate of Rupees 5,000 for the repair of the breach in the north bank of the Soankasala Aicut, sanctioned

Consulting Engineer's Office
Irrigation Canal Company
Madras, 10th Decr 1898

No 94

Mr, Captain, J. Mullins, M.C.
Engineer for I.C.C.

The Secretary to Government
Department of Pub. Works.

I have the honor to forward for the sanction of Government an estimate, Rupees 5,000, for the repair of the breach in the North Bank of the Soankasala Aicut.

2 The breach occurred in September last, and will be found noticed in the papers at per margin.

Para 42 of letter No 68
of 26th Sept 1898.
Endorsement No 70
of 30th Sept 1898
P.H.S. No 3586-17 Nov 1898.

3 From the Cross sections at Hero, C, and 119 1/2 of the enclosed Plan it will be seen that the Aicut at this part was built with a space in the middle of the body wall, which

Vide Genl. & Encl. letter
para 13 of 18 Aug 1893-
P.H.S. 15 Sept 1893 No 2668.

space was filled in with rubble and sand, a description of work not at all adapted to the circumstances of an Aicut across a large river.

4. The new work will be sufficiently substantial, but the old wall in continuation of

the breach would not, I think, be safe, if left
as it is with a rear face so arranged as to
make it very probable that a failure will
occur during future freshes. - I am of opinion
therefore that it will be advisable to take down
the rear part of the old Ancient wall, wherever
it is both stepped on the rear face, and also
constructed with a sand and rubble core and
rebuilt to correspond with the intended new
work at the breach. The stone used in the old
wall was both small and irregular, and it can
hardly be expected that it will stand if the rear
face have effects as shown in the Cross Sec-
tions; the displacement of the surface stones
must, with the core construction, be very
likely to lead to a complete breach.

I have the honor to be,
Sir,
Your most obedient servant,
Wm. Lindley
Capt. R.E.
Proc. Eng. for L. & Co. Camp.

Wm. Lindley

No 99
ings of the e. Ma
Under date

Read the

From The Cons. Engineer for V.C.C. / H.C. & G. dated 10th December 1868

The Government
sanction the estimate of
Rs. 5,000 for the repair
of the breach in the North
bank of the Soonhasala
canal, and, as they
concur with the Consulting
Engineer in the opinion
expressed in para 11, His
Excellency in Council
requests that the Company's
Officers may be called
upon to submit an es-
timate for the
proposed

Wm
M

2 H. 1868 Department
of Public Works
From
The Consulting Engineer
to
The Secretary to Govt. W.

Dated 10th Decr 68
Read 11th

Encl. 3

Forwards for sanction
an estimate Rs. 5,000 for
repair of the breach in
North Bank of the Soon
canal.

Ch 204
e. 16th Decr 1868 A. 24

No 99 - 13th Jan 1869

Cert.

PUBLIC.

To *The Consulting Eng. for
Irrigation and Canal
Company*

Dated

Recd

L. 100

G O 13th Decy 1868, No. 911.

Nos. 204-215

Sookrasala Ancient (Madras R. Co.)
Estimate of Rs 5000 for the re-
pairing of the breach in the
north bank of the Sookrasa-
la Ancient, sanctioned.

21st Decr 1868 R. 24th