

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public relations

DEPARTMENT

G.O. No.	873	Press
B.P. No.		Mis.
Dated	2-6-	28-7-195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
2nd April 1875.*

Read the following letters.—

No. 34. From Colonel F. J. MOBERLY, R.E., District Engineer, Chingleput,
to Colonel G. W. WALKER, R.E., Secretary to Government, Public
Works Department, dated Camp at Koratoor, 11th September 1874,
No. 2,019

I HAVE the honor to enclose a plan and estimate for a weir to be constructed
near Shediakupum on the East Coast
Canal, the necessity for which will, I
hope, be satisfactorily shown by the
following remarks.

1 Plan.
1 Sketch.
1 Estimate

2. Eighteen or nineteen years ago a lock was built to improve the navigation
of the canal cut by Mr. Cochrane from the Kuam to the Cortelliar, and a weir
built to discharge the drainage of the country around which it would receive.
This weir was constructed across the surplus channel of the Red Hills Tank near its
junction with the Cortelliar, possibly with some idea of getting additional water,
but experience has shown that it does this only when there is already too much in
the canal.

3. The weir does not extend over one fourth of the channel, and the banks
which fill up the rest of the bed and connect the weir with the higher ground on
both sides are constantly injured or breached. Till they give way the flood is
running up the East Coast Canal and obstructing the drainage from Madras; when
they breach we lose in the canal all the benefit which the lock should afford of penning
up tide water, and navigation is impeded at half ebb till we can repair the banks.

4. I am anxious, therefore, to put the lock weir in the canal bank whence it
may discharge into the Red Hills surplus, and to clear away all obstruction to the
flow of the latter into the Cortelliar.

5. By the arrangement now proposed we may hope to keep the East Coast
Canal clear of difficulties from the Red Hill Tank water, maintain its navigation
throughout each day at all times, and pass away drainage from the Red Hills, &c.,
more freely.

6. Cochrane's Canal receives drainage from the Otary Nullah in Madras, the
surplus of Madavaram and other tanks above it, and of some small space around
Manali, &c.; but there is a large area of low ground behind the remains of its
embankment, where this can be without doing injury till the weir can pass it off.
In case of very high floods the whole country is under water, which enters
gradually and without any considerable current.

No. 35. From Colonel F. J. MOBERLY, R.E., Superintendent Engineer,
Chingleput, to Lieutenant-Colonel J. MULLINS, R.E., Secretary to Government,
for Irrigation, dated Guindy, 18th February 1875, No. 1,212
REFERRING to my No. 1,212 of 15th August 1873, &c.

* Chief Engineer's, Public Works Department,
Memorandum, No. 793, dated 17th Oct 1874.

Enclosures three.

1 Longitudinal and Cross Sections of East
Coast Canal near Shediakupum.
1 Estimate for Rupees 369
1 Specification.

an estimate for a weir to be constructed
across the Red Hills Tank near its
junction with the Cortelliar, and to clear away
a bank across the Tank, &c., &c., &c.
plus outlay which will be necessary.

Proceedings of the Madras Government, Public Works Department,
2nd April 1875.

2. My proposal was, I imagine, misunderstood as you referred it to the Chief Engineer, Public Works Department, but it appears to me purely an Agricultural work and debitable to Red Hills project.

3. The existing calingulah is a great bar to the free flow of drainage, but as the East Coast Canal opens into it, if we remove it without putting up a bank we shall deprive the canal during ebb tide of all the benefit of the lockage water which it receives during flood.

No. 36. ORDER THEREON, 2nd April 1875, No. 873.

IRRIGATION, No 3.
Account.

THE estimate, amounting to Rupees 360, submitted by the Superintending Engineer, Chingleput, for the removal of the calingulah at the junction of the surplus channel of the Red Hills Tank

near Shediankupum Lock, and for closing the old line of East Coast Canal at the head of the line leading to the lock, is sanctioned for execution as a Minor New Work, Agricultural, from the district allotment, and will be charged to Revenue.

2 It is not clear whether the Superintending Engineer has duly provided for giving to the surplus channel at the site of the calingulah a water-way fully equal to that of this channel above, or whether he contemplates the washing away of the bank connected with the calingulah. At any rate ample water-way should be secured naturally or artificially.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, Chingleput
Chief Engineer for Irrigation.
Controller of Public Works Accounts.

Chingleput District Engineer Office
Camp Khorattoor -
11th September 1874.
Dear Sir -
From The District Engineer
of Chingleput
To The Secretary to Government
P. W. Department

Sir. I have the honor to enclose a plan and estimate for a weir to be constructed near Madian - Koppam on the East Coast Canal, the necessity for which will I hope be satisfactorily shown by the following remarks.

18 or 19 years ago a lock was built to improve the navigation of the Canal out by the Cochinam from the Canal to the Carteliam, and a weir built to discharge the drainage of the country around, which it would receive - This weir was constructed across the surplus channel of the Red Hill Tank near the junction with the Carteliam, possibly with some idea of getting additional water - but experience has shown that it does this only when there is already too much in the canal.

The weir does not extend over $\frac{1}{4}$ the Channel and the banks which fill up the rest of the bed and connect the weir with the higher ground on both sides are constantly injured or breached. Till they get away the flood is running up the East Coast Canal and obstructing the drainage from Madras; when they breach we lose in the canal all the benefit which the lock should

En. 3
1. Plan
1. Sketch
1. Estimate

should afford of passing up tide water, and
navigation is impeded at half tide till we can
repair the locks.

Since anxious therefore to put the
locks over in the canal locks whenever it may
discharge into the Red Hill surplus, and to
clear away all obstructions to the flow of the latter
into the Cartelmar.

By the arrangements now put out we
may hope to keep the East Coast Canal clear
of difficulties from the Red Hill tides water,
maintain its navigation throughout each day
at all times, and pass away drainage from the
Red Hill ~~and~~ more fully.

Cochran's Canal provides drainage
from the Olney Stalls in Madras, the surplus
of Madaveram and other tanks above it, and
of some smaller ones around Mamadi &c.,
but there is a large area of low ground behind
the remains of its reclamation, where this can
be without doing injury till the water can pass
it off. In case of very high floods the whole
country is under water which subsides gradually
and without any considerable current.

Yours for the Union to be
Yours for the Union to be
Yours for the Union to be
Yours for the Union to be
Yours for the Union to be

Piggy

75

er

er

Aug

sti

la

uncl

stri

dash

is

East of the
the situation

misunderstood as you referred to
of the Chief Engineer. But it is
appears to me, purely an agri-
cultural work and desirable
of Red Hill project.

3. The existing Calingula is a
great bar to the free flow of
drainage. But as the East
Coast Canal opens into it, if
we remove it without putting
up a bank, we shall deprive
the canal during ebb tide of all
the benefit of the lockage water
which it retains during flood.

10/15/33-78

1234

10/15/33-78
1234
The Hon. Secy to Govt
Madras
10/15/33-78

of Madras and other parts of the coast, and
of some smaller spaces around the coast, but
there is a large area of low ground between
the remains of its embankment, which this area
has without doing injury to the main part
it off. In case of very high floods the whole
country is under water which includes gradually
and without any considerable current.

I have the honor to be
Your Most Obedt Servt.
J. B. S. S. S.
District Engineer, Madras

22
A. A. 2010
The Hon. Secy to Govt
Madras
10/15/33-78

1234

Chief Engineer of the Chief
General 18th February 1875
10/15/33-78

From
The Superintending Engineer
Chief Engineer
for Navigation

This is to certify
that the
10/15/33-78

Referring to my No. 1212 of 15th Aug.
1873, I have the honor to enclose an esti-
mate for removing the Calingula
across the Red Hill surplus channel
at Shadienkupam, and the construction
of a bank across the East Coast
Canal surplus outlet which is
consequently necessary.

2. My proposal was, I imagine,
misunderstood as you repeated it
to the Chief Engineer of the
appears to me, purely an agric-
cultural work and desirable
to Red Hill project.

3. The existing Calingula is a
great bar to the free flow of
drainage. but as the East
Coast Canal opens into it, if
we remove it without putting
up a bank, we shall deprive
the equal during ebb tide of all
the benefit of the lockage made
which it releases during flood.

1015-23-27

1015-23-27

1015-23-27

I have the honor to be
 Sir
 your most obedient servant
 J. Hudson
 Colonel R.E.
 Super. Eng. Chingleput

Received 1015-23-27
 for R.E. Chingleput

Received 1015-23-27
 for R.E. Chingleput

Received 1015-23-27
 for R.E. Chingleput

Received 1015-23-27
 for R.E. Chingleput

Received 1015-23-27

at Shadankurpam
 constructing a bank
 across the R.E. Canal
 duplicate under with
 certain observation -

P.W. Dept

Proceedings of the Revenue Government
 Read the following:

From the District Engineer Chingleput (H.E. No 2049 of 11th Sept/74)
 No — do — (H.E. No 3934 of 18th Feb/75)

873

The estimate amounting
 to Rupees 369 submitted
 by the Superintending
 Engineer Chingleput for
 the removal of the Calin-
 guluh at the junction of
 the surplus channel of
 the Red Hills Tank near
 Shediankurpam lock and
 for closing the old line
 of East Coast Canal at
 the head of the line —
 leading to the lock, is
 sanctioned for execution.

1015

1015

as a minor work, ~~the~~ ~~the~~

Agricultural, from the

District allotment, and

with the charged to Revenue.

2 It is not clear whether

the Superintending Engineer

has duly provided for

giving to the surplus

channel at the site of the

Calingulak a water way

fully equal to that of

this channel above, or

whether he contemplates

the washing away of the

bank connected with the

Calingulak. At any rate

ample water way should

be secured naturally or

artificially.

[Signature]

To The Supy of *[illegible]*

Chief of *[illegible]*

Controller *[illegible]*

Depd-5-4-75

with six
enclosures

5834 1690
65081. of 116731 BRADINE

PUBLIC WORKS.

Engrs Engineer
Chingput.

2nd

1st

1st

U. S. 20 April 1878 878

Line 34. 35.

Work, Agricultural, from
the Dist. allotment, and
charged to Revenue.

East Coast Canal - The
estimate amounting to \$10
500 for the removal of the
calingulak at the junction
of the surplus channel of
the Red Hills Creek near
Indian Rapids lock, and
for closing the old line
of — at the head of the
line leading to the lock,
Sancti Spiritus. The same to