

(1) Number of pages 3

(2) Date of repair 27. 8. 40

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Relations DEPARTMENT.

G.O. No. <u>18</u>	Press <u></u> Mis. <u></u>
23-2	
Dated <u>27. 8. 40</u>	18

Not to be folded or roughly handled

No. 23. Read the following letter from Superintending Engineer, 2nd Division, to the Chief Engineer for Irrigation, dated Bezwada, 22nd October 1868, No. 97.—

1. I have the honor to forward, for the sanction of Government, plan and estimate, as per margin, for blocking up one set of under-slucies (those about 100 yards from the south end) of the Nellore

anicut, and making the section of the structure at that part the same as throughout its general length.

2. You will remember that, when at Nellore, I spoke upon the matter to you expressing my opinion that the sluices were useless as regards prevention of sandy deposit above the anicut, and formed by breaking into the evenness of the anicut section—a point of weakness that was undesirable. I understood you to agree with me with this view.

No. 118.
MEMORANDUM.

1. The blocking up of a set of under-slucies in the Pennair Anicut, at an estimated cost of Rupees 2,760, is recommended for sanction.

2. There are at present three sets of under-slucies, one of ten vents at the north flank of the anicut; a second of five vents, at the south flank; and a third, the one which it is proposed to remove, at the distance of 100 feet from the second.

3. The only real service performed by the under-slucies is the maintenance of a clear channel in front of the head-slucies, the northern sluice will be required in connection with the Sungum works, now under investigation; and a single set at the south flank is all that is required besides anything further is merely a source of weakness.

FORT ST. GEORGE,
8th December 1868.

(Signed) J. C. ANDERSON, Colonel, R. E.,
Chief Engineer for Irrigation.

No. 24. ORDER TIERLON, 5th January 1869, No. 12.

IRRIGATION, No. 2.

1. Under the explanation furnished in the foregoing papers, the Government sanction the estimate of Rupees 2,760 for closing the centre set of under-slucies of the Pennair Anicut in the Nellore District.

2. His Excellency the Governor in Council is of opinion that the cost of the work may be charged to the provision made in Part II. of the current year's Budget on account of the Survapully Tank Extension Project under the Pennair Anicut.

Item No 150.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 2nd Division.
" Controller of Public Works Accounts.
" Accountant General
" Chief Engineer for Irrigation.
" Revenue Department.

Exd. S. T. Augustin.

No 97 Superintending Engineer
Office 2nd Division
(B. G. or u. s. a. 22nd Dec to 1884)

From
Lieut Colonel J. V. Wainman R.E.
Superintending Engineer
2nd Division

Colonel J. C. Anderson R.E.
Chief Engineer for Irrigation

Sir

Enclosure
1 Plan
1 Estimate
No 2760

I have the honor to forward for
the sanction of Government, Plan and Es-
timate as per margin, for blocking up
our set of under-sluices (those about 100
yards from the south end) of the Mellore
Anicut, and making the section of the
structure at that part the same as
throughout its general length.

2 You will remember that, when at
Mellore, I spoke upon the matter to you,
expressing my opinion that the sluices
were useless as regards prevention of
sandy deposit above the anicut, and
formed, by breaking into the evenness of
the anicut section, a point of
weakness, that was undesirable.
I understood you to agree
with

with me with this view

I have the honor to be
Sir

Your most obedient servant
Commonwealth

Supper & Division

N^o 118.

7

1. The blocking up of a set of under sluices in the Pannier Canal, at an estimated cost of Rupees 2,760, is recommended for sanction.

2. There are at present three sets of under sluices, one of 10 vents at the north flank of the Canal, a second of 5 vents, at the south flank, and a third - the one which it is proposed to remove, at the distance of 100 feet from the second.

3. The only real service performed by the under sluices, is the maintenance of a clear Channel in front of the Main Sluices; the northern Sluice will be required in connection with the Sangam works, now under investigation; and a single set at the South Flank, is all that is required besides; anything further is merely a source of weakness.

The 1st Lt. George
J. December 1888

Sd/- Messrs Colonel R. E.
Chief Engineer for Irrigation.

To The Secretary to Government
Public Works Department

1097

To The Superintendent Engineer
and Division
for Irrigation
Madras

Dated 22nd October 1888
No. 304 a - 68

Enclosure 2

It is recommended for the sanction of Government, Plans and estimate for blocking up one set of under sluices of the Pannier Canal, and making the section of this sluice at that part the same as throughout the canal length.

J. H. 10/12/88

1037 P. 5 P. 11
From 1037 P. 5 P. 11

The Chief Engineer
for Irrigation

The Secretary to
Government P. 11. 69

Dated 27
Recd 9 December 1868

No 118

Recommends for the sanction
of Government an estimate
of Rs 2760 for blocking
up one set of under sluices
of the Nellore Aqueduct.

No 12-5 to Jan 1869

1023

11/10/68 P. 18m

226. C. 2m

Nellore. 11
4th December 68

My dear Col. Anderson

Col. Wincom
asked me a little
time back to send
you a sketch of the
Perrains, in the vicinity
of the Aqueduct, to enable
you to decide about
the Centre Under Sluices
the survey I had of the

1878
No. 1000 for 1878

River in that locality
was not minute enough
for this purpose; I have
therefore had the additional
information I consider
necessary inserted and
trust you will find all
satisfactory.

From what I observed
in the first or second
low fresh after assuming
charge of the Nelson Range
I would not allow the
Centre set of Weber Shins

to be opened and I must
add the result has been
very satisfactory; the deep
channel that existed
in front of, and parallel
to, the Arbutus has disappeared
and during freshes the
water approaches and
flows over it in a regular
and steady stream.
Increasing the action of
the joins too has tended
to regulate and improve
the state of things above
the Arbutus. At certain

cp 23

C. 11/10/1878

Work

*Revised Estimate for closing the Centre set of Under
 sluices of Pennair Aqueduct at Helio.*

*1868/69
 No. 26 of 1868/69*

Stages of the River and
 when all the Under
 sluices are open, there
 is a strong current from
 North to South in front
 of the Aqueduct this is, doubtless,
 caused to a great extent,
 by the waterway of the two
 sets of sluices near the
 South bank being considerably
 in excess of that in the Northern
 set. The volume of water
 taken off by the Head
 sluice must also increase
 the draw in that direction.

*1868/69
 1868/69*

*1868/69
 1868/69*

Particulars.	Number	Measurement			Cubical Contents
		Length.	Breadth	Height.	
Middle portion of Piers for Body wall	5	5 1/4	5	7 1/2	984 3/8
Rear retaining wall	1	5 1/4	1 1/2	2 1/4	88 19/32
Total Cft. of laterite in Cham		68 1/2	3	4 1/2	924 3/4
Rear retaining wall	1	57 1/2	3	7	1207 1/2
Total Cft. of Rubble stone in Cham					1207 1/2
Increase of 5 Vents	5	15	5 1/4	7 1/2	2953 1/8
Floor East side of Vents	1	18	52	5 3/8	5031
Do between rubble and laterite stone retaining wall	1	25	65	2 3/4	4468 3/4
Do from laterite stone retaining wall to the East. End	1	47 1/2	75 1/2	1 1/4	4482 13/16
Total Cft. of Rubble stone					16935 11/16
Floor east side of Vents	1	18	52	3	2808
Do between Rubble stone & laterite stone retaining wall	1	25	65	3	4875
From laterite stone retaining wall to end	1	86	81 1/4	2	13975
Total Cft. of Rubble stone					21,658
Pointing.					802 4/27
Rubble stone retaining wall east side of Vents.	1	57 1/2	3		172 1/2

Particulars.	Number.	Measurement			Cubical Contents.
		Length.	Breadth	Height.	
Patent stone retaining wall	1	68 1/2	3	"	208 1/2
Falls in the middle of Pier	5	5 1/4	11 1/4	"	295 5/16
Total sq ft of Pointing					673 5/16
Removing granite stone & Iron bars.					60 3/4
Making temporary road.					

Public Works Department

12

19

Proceedings of the Madras Government
Under date the 5th Jan'y 1869
Read the following

From The Chief Engineer for Irrigation
H.E. No. 118 dated 8th December/68

Under the explanation
furnished in the foregoing
papers, the Govt sanction
the estimate of Rs. 2760 for
clothing the centre set of
under sluices of the Permain
Ancient in the Kallakurichi

His Excellency the Gov.
in Council is of opinion that
the cost of the work may be
charged to the provision
made in Part II of the
current year's Budget.

10/12/68

N. 11/11

A. 1/11

Item No. 150

on account of the Surva-
pilly Tank Extension Pro-
ject under the Pannar
Ancient

W.B.

To
The Deputy Engineer 2nd Genl
in Charge of P. M. Accounts
in Charge of Genl
Chief Engineer for Irrigation
Revenue Dept
Dy. Secy 11/1/69

12 1868-69-1871

Dec 4/88

Govt. of Madras.

PUBLIC WORKS.

To The Superintending Engr.
2^d Division

&c. &c. &c

Dated

Recd

Encl. *b*

G O, 5th Jan 1889 No. 12.

Nos. 23-24

For is Ancient Estimate of
2766 for closing the Canal
under sluices of the
ancient in the Nallu
junction.