Public Works (1896) Department.

G.O., No. 667 I
668

DATED 11-8-96

[Despatch Abstract:]

Channel: Estimate of Rs 6,860 for improvements to Santhanvary —, an offtake of the Vettar, Cauvery Delta system, sanctioned with remarks and a copy of the Pros: ordered to be forwarded to the Govt: of India.

=

Forwarded.

[P W 36
1,000—23-10-95]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

IRRIGATION.
ACCOUNT.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated August, 11*th.*

Recd. *Encl.*

G.O. Nos. 667, 668 I., 11th Aug. 1896.

AUGUST.

Channel

Forwarding Proceedings sanctioning, with remarks, an estimate of Rs. 6,860 for improvements to Santhanvary —, an offtake of the Vettár, Cauvery delta system.

No. 667 I., 11TH AUGUST 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers :—

From Lieutenant-Colonel C. C. RAWSON, R.E., Superintending Engineer, V Circle, to the Chief Engineer for Irrigation, dated Kumbakónam, 25th April 1896, No. 26 E.I./C.

I have the honour to submit, for sanction, plan and estimate, amounting to Rupees 5,590, for improving the Santhanvary channel, an offtake of Vettár in Kumbakónam taluk, Tanjore district.

The necessity for the work is explained in the report attached to the estimate.

ENCLOSURE.

REPORT to accompany the estimate for improving Santhanvary channel, an offtake of Vettár.

	RS.
Amount of estimate	5,590

The South Rajan channel taking off from the Vettár at the Merattur anicut towards the end of its course, is crossed by the Santhanvary channel which also is fed from the Vettár, about 6,000 feet from its open head. The Santhanvary channel crosses the South Rajan by means of an aqueduct. This aqueduct is in ruins, and the channel itself is in bad régime.

2. It is proposed to—

(*a*) build head and scouring sluices at 750 feet on longitudinal section ;
(*b*) to give the channel a better alignment between head sluice and aqueduct ;
(*c*) to rebuild the aqueduct ; and
(*d*) to re-section the channel from its commencement to the point where it empties itself into the Mullianar.

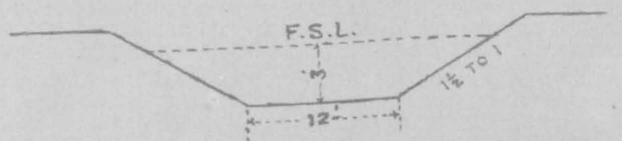
3. Santhanvary channel irrigates 2,700 acres.

$$D = \frac{2,700}{44} = 61{\cdot}4 \text{ c.f.s.}$$

South Rajan channel below aqueduct irrigates 1,100 acres.

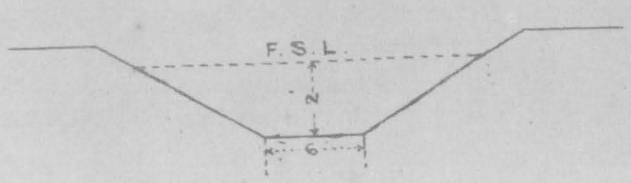
$$D = \frac{1,100}{44} = 25 \text{ c.f.s.}$$

The bed of the Mullianar at the end of the Santhanvary channel is + 90·35, and the Vettár deep bed at the head is + 92·00. The channel bed accordingly commences at 92·00 and ends at 90·40, and this gives a fall of 1 foot in 1 mile. The F.S. level is assumed at 3 feet + bed, and the proposed section is as follows :—



R = 2·15.
A = 49·5.
V = 1·3.
D = 64 c.f.s.

The levels along the South Rajan one mile above and one mile below the aqueduct give a fall of 3 feet in one mile and the following calculated section :—



R = 1·36.
A = 18
V = 1·5.
D = 27·07 c.f.s.

Rs
84

4. *Head sluice.*—The site for the head sluice has been chosen so as not to have too long a leading channel and to take advantage of an existing surplus channel for the scouring sluice.

$$\text{F.S.L. below sluice} = 3 \text{ feet.}$$
$$D \text{ required} = 61{\cdot}4 \text{ c.f.s.}$$
$$h = 3 \text{ inches.} \qquad V = 2{\cdot}5 \text{ f.s.}$$
$$A = \frac{61{\cdot}4}{2{\cdot}5} = 24{\cdot}56 \text{ sq. feet.}$$

Two vents, each 4 × 3, are allowed.

To ensure the required full discharge, the head will be slightly above 3 inches. Colonel Drake-Brockman's pattern shutters will be fixed. The scouring sluices will be a simple wall with balk shutters.

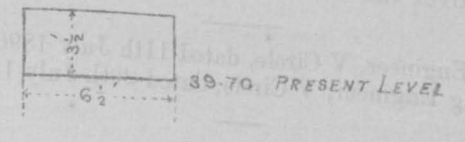
5. *Syphon aqueduct.*—The Santhanvary channel passes below the South Rajan, and the respective bed-levels at site necessitate a syphon for the former. The required discharge will be acquired with a head of 3 inches.

$$D = 61{\cdot}4 \text{ c.f.s.} \qquad V = 2{\cdot}5 \text{ f.s.}$$
$$A = \frac{61{\cdot}4}{2{\cdot}5} = 25 \text{ sq. feet (about).}$$

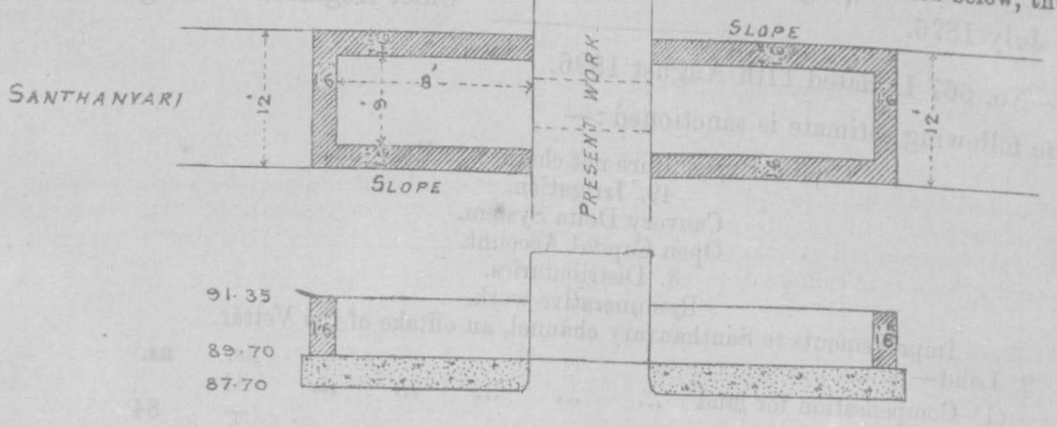
Four vents, each 3 × $2\frac{1}{4}$, are allowed, area being 27 square feet. The waterway allowed for the aqueduct to pass the South Rajan channel water is 16 square feet against an area of 18 square feet for the channel.

6. The Santhanvary channel is crossed by three other minor channels lower down, viz.: (1) the Kalathore, 350 acres; (2) Pattam, 400 acres; and (3) Pury and Neppucovil channels, 450 acres. Old works exist at these crossings, and it is not considered advisable to alter present arrangements of floor levels.

(1) Kalathore channel passes above the Santhanvary channel; vent for Santhanvary = $6\frac{1}{2} \times 3\frac{1}{2}$.



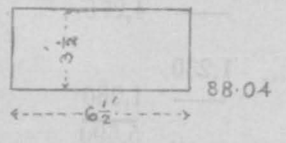
Proposed level = 91·35. It will be necessary to arrange for cisterns above and below, thus :—

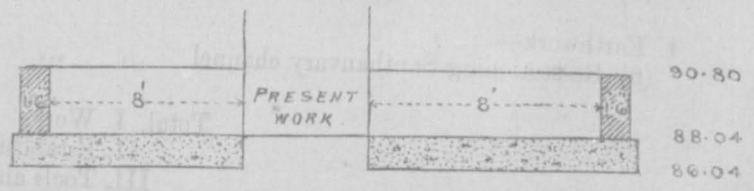


The required discharge will be obtained with a head of 3 inches.

(2) The Pattam channel aqueduct is similar to last one, but the levels are different.

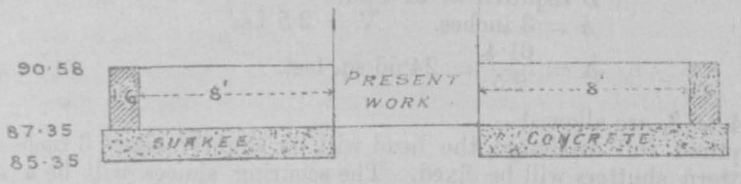
Proposed bed level = 90·80.





Head will be three inches.

(3) Pury and Neppucovil channels—There are two vents, each 3′ × $2\frac{3}{4}$′, with floor at 87·35 while proposed floor = 90·58. Cisterns similar to above will be necessary.



With a head of 3 inches, the discharge = 41 c.f.s., and this will be sufficient for the irrigation.

7. Work will be done according to standard specifications.

(Signed) J. C. JOHNSTON,
Executive Engineer, Tanjore Divn.

21st Februray 1896.

To the Superintending Engineer, V Circle, dated 22nd May 1896, No. 38 T.J.
From A. SASHIAH SASTRI, Esq., C.S.I., dated 26th April 1896.

From Lieutenant-Colonel C. C. RAWSON, R.E., Superintending Engineer, V Circle, to the Chief Engineer for Irrigation, dated Chepâk, 7th July 1896, No. 137 E.I.

With reference to your memo. No. V./38 T.J., dated 22nd May 1896, I have the honour to report that the actual cost of the aqueduct now in ruins at the crossing of the South Rajan channel over the Santhanvary channel, if new, would be Rs. 600.

To the Superintending Engineer, V Circle, dated 11th July 1896, No. 52 T.J.
From the Superintending Engineer, V Circle, dated 20th July 1896, No. 157 E.I.

No. 147 I.

Submitted to Government.

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Chief Engineer for Irrigation.

30th July 1896.

ORDER—No. 667 I., dated 11th August 1896.

The following estimate is sanctioned :—

Capital Expenditure not charged to Revenue.
49. Irrigation.
Cauvery Delta System.
Open Capital Account.
3. Distributaries.
Remunerative work.
Improvements to Santhanvary channel, an offtake of the Vettár.

	RS.	RS.
2. Land—		
(1) Compensation for land	84	
	—	84
3. Works—		
(2) Head sluice to Santhanvary channel	1,710	
(3) Silt sluice above head sluice	370	
(4) Aqueduct at the crossing of South Rajan channel over Santhanvary channel	1,760	
(5) Cisterns at the sites of other aqueducts	436	
	—	4,276
4. Earthwork—		
(6) Re-sectioning Santhanvary channel	1,230	
	—	1,230
Total, I. Works		5,590
II. Establishment ...		1,266
III. Tools and plant ...		4
Total Estimate ...		6,860

Rs
84

2. This sanction is registered as No. 100 I. of 1896–97 and will expire on the 31st March 1898.

3. The Superintending Engineer, V Circle, will see that the work is proceeded with as soon as possible, the funds required for expenditure on it being appropriated from the existing grant for the current year for the Cauvery delta system.

4. The actual cost of the ruined aqueduct, viz., Rs. 600, will be written back by the Examiner of Public Works Accounts from the "Capital" to the "Revenue Account" of the Cauvery delta system.

5. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 668 I., dated 11th August 1896.]

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Colonel, R.E.,
Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
„ the Superintending Engineer, V Circle, with eight enclosures.
„ the Examiner, Public Works Accounts.
„ A. Sashiah Sastri, Esq., C.S.I.

Endorsement—No. 668 I., dated 11th August 1896.

Forwarded.

(By order.)

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Secretary to Government,
Irrigation Branch.

Exd. T. K. Narayana Aiyangar.
Spare Copies

A

No. 667 I. d/ 11 August 1896

Public Works Department,
Irrigation Branch.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following

Print with Report

From Supdg. Engr., V Circle, No. 26 E.I./C d/ 25. 4. 96
To do. .. 38 I.J. d/ 22. 5. 96.
From Hon'ble A. Sashiah Sastri Esq C.S.I. d/ 26. 4. 96
From Supdg. Engr. V Circle, No. 137 E.I. d/ 7. 7. 96
.. 52 I.J. d/ 11. 7. 96
To do. .. 157 E.I. d/ 20. 7. 96
From do. No 147 I d/ 30. 7. 96

Submitted to Govt.

10 P

Order thereon.

The following estimate is sanctioned:—

Capital Expenditure not charged to Rev.

49. Irrigation

Cauvery Delta System

Open Capital Account.

3. Distributaries

Remunerative Work—

Improvements to Santhanavary channel, an offtake of the Vettar.

R.S.H.
2.8.96

2. Land—

1. Compensation for land — Rs 84 | Rs 84

3. Works—
2. Head sluice to Santhanvary channel 1710
3. Silt sluice above head sluice . 370
4. Aqueduct at the crossing of South Rajan channel over Santhanvary channel . . . 1760
5. Cisterns at the sites of other aqueducts 436

4276

4. Earthwork
6. Resectioning Santhanvary channel . 1230 1230

Total I works . . . 5,590

II Establishment . 1266

III Tools & Plant . 4

Total Estimate 6,860

2. This sanction is registered as No. 100 I of 1896-97 & will expire on the 31st March 1898.

3. The Supg Engr & Circle will see that the work is proceeded with as soon as possible, the funds required for expenditure on it being appropriated from the existing grant for the current year for the Cauvery Delta System.

4. The actual cost of the ruined aqueduct, viz Rs 600, will be written back by the Examiner of P.W. A. from the "Capital" to the "Rev. Account" of the Cauvery Delta System.

5. Ordered that a copy of these Procs: be forwarded to the Govt of India for information.

Indorsement
No: 668 I dt 11 August 1896
forwarded.

To
The Chief Engr Irrd.
Supg Engr with 8 enclos.
E. T. W.
~~Hon'ble~~ C. Sashiah Sastry Esq. C.S.I.

JH
29/7/96

Rueda
30/7
96

per 1.9.96

ACB
29/7 BR

P. W. CURRENT No. 7213

Estimate for improv

Santhanvari Chan

an offtake of the Vetta

Cauvery Delta System

Encls 5 + (5 pla

Accs: 10.8.96

Issue

5/8/96

7.E.9. 11/8.

4/8

Regd

12/8

3/8

E. I. Form No. 1—500—14-5-96

18

No. $\frac{2683}{C}$

SUPERINTENDING ENGINEER'S OFFICE,

V CIRCLE, MADRAS,

Camp Kumbakonam ~~Chepak~~, 25 April 1896.

From Lieut: Colonel C. C. Rawson R.E.

SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer for Irrigation

SIR,

I have the honour to submit for sanction plan and Estimate amounting to Rs: 5,590 for improving the Santhanvary channel an offtake of Vettar in Kumbakonam Taluq, Tanjore District.

The necessity for the work is explained in the report attached to the Estimate.

Enclosures 8

1 Site plan.
1 Plan of works.
3. Level Sheets.
1 Report.
1 Detail Este:
1 Abstract - do -
8

I have the honour to be
Sir
Your most obedt, Servt.
C. C. Rawson
25/4/96
Lt Col. R.E.
Supdg Engineer V Circle

24.4.96

1,000—25-2-96.

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer
for Irrigation

CHIEF ENGINEER
FOR IRRIGATION.
27 APR. 96
No. 36 I. J.

Dated 25th } April 1896.
Recd.

ENCLOSURES. 8

Rs. 6
22/3/56

No. $\frac{2689}{C}$

Santhanvaj Channel an Offtake of Vettar in Kumbakonam Taluq Tanjore District.

Submitting for Sanction plan & Estimate amounting to Rs. 5,590 for improving the —

Report to accompany the Estimate for improving Santhan-vari Channel an Offtake of Vettar.

Amount of Estimate Rs 5590 — —

The South Rajan Channel taking off from the Vettar at the Meruttur anicut towards the end of its course, is crossed by the Santhan-vari Channel which also is fed from the Vettar - about 6000 feet from its open head the Santhan vari Channel crosses the South Rajan - by means of an aqueduct. This aqueduct is in ruins - and the Channel itself is in bad regime.

2. It is proposed to

(a) build Head and Scouring sluices at 750 feet on longitudinal Section.

(b). to give the Channel a better alignment between Head Sluice and aqueduct.

(c) to rebuild the aqueduct

(d) & to re-section the Channel from its Commencement to the point where it empties itself into the Mulliar.

3. Santhan-vari Channel.

irrigates 2700 acres.

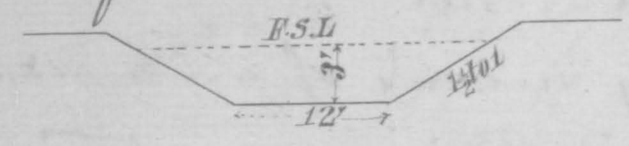
$$D = \frac{2700}{44} = 61.4 \text{ c.f.s}$$

South

South Rajan Channel below aqueduct irrigates 1100 acres.

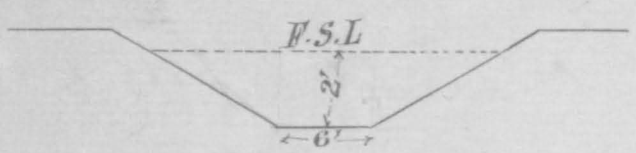
$D = \frac{1100}{44} = 25$ c.f.s

The bed of the Mullianar at the end of the Sattianvari Channel is + 90.35 and the Vettar deep bed at the head is + 92.00. The Channel bed accordingly commences at 92.00 and ends at 90.40 - and this gives a fall of 1 foot in 1 mile. The F.S. Level is assumed at 3 feet + bed. and the proposed section is as follows.



r = 2.15
A = 49.5
V = 1.3
D = 64 c.f.s

The levels along the South Rajan one mile above and one mile below the aqueduct give a fall of 3 feet in one mile - and the following Calculated sections.



r = 1.36
A = 18
V = 1.5
D = 27.07 c.f.s

4. Head Sluice - The site for the head sluice has been chosen so as not to have too long a leading channel and to take advantage of an existing surplus channel for the scouring sluice - F.S.L below sluice = 3 feet

D required = 61.4 c.f.s
h = 3 inches V = 2.5 f.s
$A = \frac{61.4}{2.5} = 24.56$ sq feet

2 vents each 4 × 3 are allowed. To ensure the required full discharge the head will be slightly above 3 inches. Col: Drake Brockman's pattern shutters will be fixed. The scouring sluices will be a simple wall with balk shutters.

5. Syphon Aqueduct. The Sattianvari Channel passes below the South Rajan - and the respective bed levels at site necessitate a Syphon for the former. The required discharge will be acquired with a head of 3 inches.

$D = 61.4$ cfs - $V = 2.5$ f.s

$A = \frac{61.4}{2.5} = 25$ sq feet about

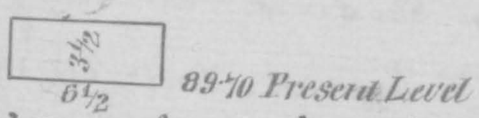
~~Three~~ Four vents each ~~4~~ 3 × $2\frac{1}{4}$ are allowed. area being 27 sq feet. The water way allowed for the aqueduct to pass the South Rajan channel water is 16 sq. feet against an area of 18 sq. feet for the channel.

6. The Sattianvari Channel is crossed by three other minor channels lower down - viz (1) the Kalathoor 350 acres (2) Pattam, 400 acres and (3) Pery & Neppucoil Channels 450 acres - old works exist at these crossings and it is not considered advisable to alter present arrangements of floor levels.

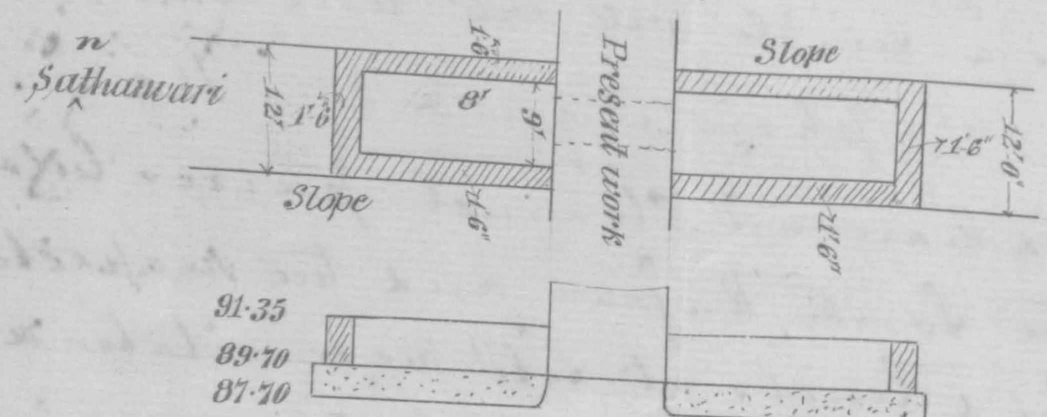
(1) Kalathoor channel passes above the

the

the Sathanvari Channel ; vent for Sa-thanvari = $6\frac{1}{2} \times 3\frac{1}{2}$.

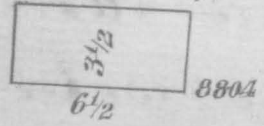


proposed level = 91·35. It will be necessary to arrange for Cisterns above and below thus.

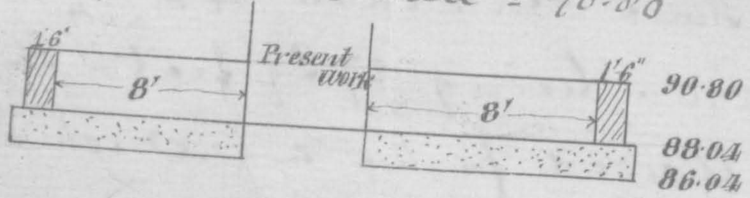


The required discharge will be obtained with a head of three inches.

(2) The Pattam Channel aqueduct is similar to last one - but the levels are different.

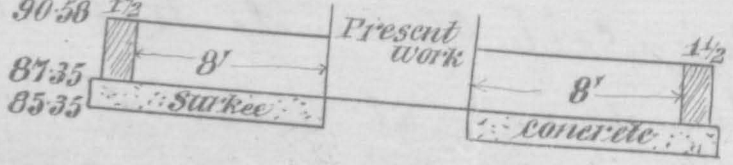


proposed bed level = 90·80



Head will be three inches

(3) Pury and Neppucoil Channels There are two vents each 3' × 2¾' with floor at 87·35 while proposed floor = 90·58. Cisterns similar to above will be necessary.



With a head of 3 inches the discharge = 41 c.f.s and this will be sufficient

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488

sufficient for the irrigation.

7. work will be done according to Standard Specifications.

John Johnston 27/2/96
Executive Engineer
Tanjore Dt.

R.36.D.J/56
3

Rw 510
22/5/96

Memo No V/38 T.T. d/ 22-5-96

With reference to letter No 2689/C, d/ 25 April/96, from the Subdg Engr, V Circle, the undersigned has the honor to request that he will be so good as to report, at an early date, the actual or approximate cost of the aqueduct now in ruins at the crossing of the South Rajan channel over the Santhanvari channel & which it is intended to submitt, in order that the amount may be written back from

R 86

Capital to Rev^e Account of the Cauvery Delta System in accordance with para 37, Chapter V, Vol II, P.W.D Code.

We have to request that the [illegible] [illegible] good as to report as early as [illegible] the actual or approximate cost of the aqueduct now in ruins at the crossing of the South Rajan channel over the Santhamari channel & that it is intended to [illegible]

22/5

R.C. 5.5
7213/56

To
The Supdg Engr
✓

I.C.W.
22/5 B.R.

78

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepák, 7th July 1896.

No. 137 E.I.

From
Lieut: Colonel C. C. Rawson R. E.
SUPERINTENDING ENGINEER,
V CIRCLE,

To
THE Chief Engineer for Irrigation

× Vide linked file
Sing to S.I. into
memo for signature
10/7

Enclosures.

SIR,

With reference to your memorandum No. $\frac{V^{+}}{38\ I.J.}$ d/22nd May 1896, I have the honour to report that the actual cost of the aqueduct now in ruins at the crossing of the South Rajan channel over the Santhamari channel, if new, would be Rs: 600.

I have the honour to be
Sir
your most obedt. Servt:
C. Rawson
7.7.96
Lt Col: R.E.
Supdg Engineer V Circle

Ɛh
6.7.96

1,000—25-2-96.

From

THE SUPERINTENDING ENGINEER,
V CIRCLE,

CHIEF ENGINEER
FOR IRRIGATION
8 JUL 96
No. 8722

To

THE Chief Engineer
for Irrigation

Dated 7th } July 1896.
Recd.

ENCLOSURES.

R E.3
7213/96

No. 137 E.J.

Aqueduct now in ruins at the crossing of the South Rajan Channel over the Santhanavari Channel

---

Reporting that the actual cost of the — if new would be Rs 600..

Memo No. 1/52 T.J.

The undersigned has the honour to request the favor of an early reply to this office memo No. 38 T.J., of 22nd May/96, asking that the actual or approximate cost of the aqueduct now in ruins at the crossing of the South Rajan channel over the Santhanavari channel may be reported.

2. The Supg Eng. V Circle is also requested to report to what extent funds can be provided from the current year's existing grant of Rs 41,250 for the Tanjore Dt under "49. Capital Expenditure not charged to Rev: to admit of the commencement of the work for which an estimate amounting to

Orders received vide R.D. No 57 T.J./96.

Rs 5590 was submitted with his letter No 26 E.I/C of 25 April/96.

Recd 11/7/96

6/7/96

Rc 2/13/96

To
The S.E.

CCR 12/7

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepák, 20/23 July 1896.

No. 157 E.I.

From
Lt. Col. C. C. Rawson R.E.
SUPERINTENDING ENGINEER,
V CIRCLE,

To
THE Chief Engineer for Irrigation,
Madras

Enclosures.

SIR,

Adverting to para 1 of your Memo No. V/527 I of 11 July 1896, I have the honour to state that the information regarding the cost of the Aqueduct, now in ruins at the crossing of the South Rajen Channel over the Santhanvari Channel was furnished in my letter No. 137* E.I. dated 7 July 1896.

*Vide R 57 I.8/96

2. In regard to para 2, I have to state that the whole amount of the estimate Rs 5590 can be provided from the current year's existing grant of Rs 41280, for the Tanjore Division under "49. Capital Expenditure not charged to Revenue".

I have the honour to be
Sir,
Your Most Obedt. Servant
C C Rawson Lt Col RE
28/7/96
Superintending Engineer V Circle

1,000—25-2-96.

From

THE SUPERINTENDING ENGINEER,
V CIRCLE,

To

THE Chief Engineer
for Irrigation
Madras

CHIEF ENGINEER
FOR IRRIGATION.
23 JUL 96
No. 6977

Dated 20th
Recd. 23 } July 1896.

ENCLOSURES.

6679

PWS. 1
7243/96

No. 157 E.I.

Aqueduct across the South Rajan Channel —

States that the information called for was already given, regarding the cost of, and that the amount of the estimate can be provided from the current years grant —

Kumbhakonam
26.6.96

Dear Sir,

I hope you will forgive a stranger's intrusion & informality — After a long and sickening delay extending over many – many – years, Mr Johnston, Exec: Engr Tanjore prepared & forwarded an Estimate, just before his departure on furlo', for the Repair

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer
for Irrigation
Madras

CHIEF ENGINEER
FOR IRRIGATION.
23 JUL. 96
No. 697

Dated 20th
Recd. 23 } July 1896

ENCLOSURES.

Repair and Improvement of an irrigation Channel known Locally as 'Chandanvari' ([illegible]) which takes off from the Vettar and, joined by the drainage of some villages higher up, irrigates the villages of Tiruvenamangalam, Amaravati &c comprising the Tiruvenamangalam Vattam in the Revl. Jurisdn. of Kumbhakonam Taluq. I have a small farm of about 56 acres under this irrigation & in spite of unstinted expenditure thereon I have not succeeded in making it yield anything like a satisfactory return – chiefly owing to deficient irrigation aggravated by an inferior soil. The water fails just in the nick of time & in the scramble which ensues, the weaker go to the wall. To reconstruct the Head Sluice of the channel & provided with shutter, to reconstruct the small aqueducts which cross its course, to improve the regulating dams where the water is led off to villages on the line & to deepen the bed

Ows. 1
7263/96

No. 157 E.I.

Aqueduct across the South Rajan Channel –

States that the information called for was already given, regarding the cost of, and that the amount of the estimate can be provided from the current years grant –

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer
for Irrigation
Madras

CHIEF ENGINEER
FOR IRRIGATION.
23 JUL. 96
No. 697

Dated 20th
Recd. 23 } July 1896

ENCLOSURES.

Ocse. 1
7263/96

No. 157 E.I.

Aqueduct across the South Rajen Channel – States that the information, called for was already given, regarding the cost of, and that the amount of the estimate can be provided from the current year's grant –

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bed where it is necessary – the
were the improvements provide
for by the Estimate, which Mr.
Johnston told me was a ver
complete one, finished after
many inspections & reinspect
in the course of some years
– Writing from England
(21 May) he says "I trust
the Estimate I submitted
for your channel has be
sanctioned & that the wor
will soon be carried out."
We – I mean the poor
people concerned – were
anxiously

2

anxiously looking forward
to its commencement within
season. – But, we learn
to our regret, that the Estimate
is still pending sanction
in the Chief Engineer's Office
Govt. Without receipt of
sanction & without allot-
-ment of funds, Mr. Nov-
-for is powerless to move
in the matter – I believe
however that he has done
what lay in his power –
viz. 'reminding' the Superin
Office – I dare say
there are in the Chief
Engineer's

From

The Superintending Engineer,

V Circle,

To

The Chief Engineer
for Irrigation
Madras

CHIEF ENGINEER
FOR IRRIGATION
23 JUL 96
No. 697

Dated 20th
Recd. 23 } July 1896

Enclosures.

Engineer's office waiting for
sanction, hundreds and
hundreds of Estimates, out
of which it is by no means
to distinguish the urgent ones
from those which can bear
some years delay. I believe
the Govt are very anxious
to push on with the improve-
~~ments~~ of the Irrig. channels
& works & that they stint
no money that the
Chief Engineer asks. May
I therefore beg of you to take
up

up the Estimate for immediate
sanction & for immediate
allotment of funds, both
of which should be simulta-
neous if possible. In that
case, the work may be
put in hand immediately
the monsoons are over.
The preparation of materials,
"brick & chunam", will itself
take up a lot of time & between
Jany & March 1897, a good
deal might be done within
the official year & the Estimate
itself

O.S.S. 1
7213/96

No. 157 E.I.

Aqueduct across the
South Rajan Channel —
States that the informa-
tion called for was already
given, regarding the cost of,
and that the amount
of the estimate can be
provided from the current
years grant —

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer
for Irrigation
Madras

CHIEF ENGINEER
FOR IRRIGATION.
23 JUL 96
No. 697

Dated 20th } July 189[6]
Recd. 23

ENCLOSURES.

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itself worked out fully in the
months of April May & June
& Moving. Please pardon
my boring you with such
details. It is the result of
anxiety caused by disappoint-
-ment after disappointment
extending over many years.
Trusting again that you
will excuse me for the liberty
I have taken, I beg to
remain, Dear Sir, with my
best respects

Yours faithfully

A Seshiah Sastri
C.S.I.

CHIEF ENGINEER
FOR IRRIGATION
JUL 96

O&S.4
2278/96

O&S.1
7263/96

No. 157 E.I.

Aqueduct across the
South Rajin Channel —

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tion called for was already
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and that the amount
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