8647

Public Works (1898) Department.

G.O., No. 836 }
837

DATED 28 October 1898

100cs 19/11/98
25/11/98

[Despatch Abstract.]

Bridge across the Periyar Main Channel

Sanctioning with remarks, an Estimate of Rs 2860 for constructing a bridge at 5 miles, 1 furlong of the Periyar Main Channel, 1st reach, Madura dt. & directing that a copy of the Gro: be forwarded to the Govt of India.

Bridge across the Periyar Main Channel

Forwarding copy of Gro: Sanctioning, with remarks, an Estimate of Rs 2860 for constructing a bridge at 5 miles, 1 furlong of the Periyar Main Channel, 1st reach, Madura Dt.

Indexed.

Registered
29-10-98

(K.)

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.

Government (1898) of Madras.
PUBLIC WORKS.

Recd. } 1898. *Enclosures*
Regd. } *Spare copies*

G.O., Nos. 836, 837 I., 28th October 1898.

OCTOBER.

Bridge across the Periyar Main Channel

Forwarding copy of Proceedings sanctioning, with remarks, an estimate of Rs. 2,860 for constructing a bridge at 5 miles 1 furlong of the Periyár main channel, 1st reach, Madura district.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers :—

From the Superintending Engineer, VI Circle, dated 28th June 1894, No. 394 M.D.
To the ,, ,, VI ,, ,, 18th July ,, No. 2497 C.
From the ,, ,, VI ,, ,, 13th Aug. 1897, No. 1161 M.D.
From the ,, ,, VI ,, ,, 9th Oct. ,, No. 1446 M.D.
To the ,, ,, VI ,, ,, 19th ,, ,, No. 114 M.D.
From the ,, ,, VI ,, ,, 25th Jan. 1898, No. 85 M.D.
To the ,, ,, VI ,, ,, 7th Feb. ,, No. 12 M.D.
From the ,, ,, VI ,, ,, 15th June ,, No. 830 M.D.
To the ,, ,, VI ,, ,, 23rd ,, ,, No. 58 M.D.
From the ,, ,, VI ,, ,, 19th Aug. ,, No. 1157 M.D.

Office-note from the Examiner, Public Works Accounts, dated Madras, 24th September 1898, No. 1130 A./A.

[Your office-note No. 276, dated 13th September 1898.]

The procedure proposed would be unusual, and such as, in my opinion, is not countenanced by the rules on the subject of contribution works; and if, for special reasons, it is decided to give effect to it, I would like the fact of my objection to be stated when forwarding a copy of the Proceedings to India.

No. 264 I.

Note by the Acting Chief Engineer for Irrigation.

An estimate amounting to Rs. 2,000 was submitted by the Superintending Engineer, VI Circle, in 1894 for constructing a bridge across the Periyár main channel at the lower end of the Ramarajapuram tank which Colonel Pennycuick refused to sanction.

2. In August 1897, the Superintending Engineer in his inspection notes having brought to notice that the piers and abutments of the bridge were raised some 5 feet, the work was ordered to be stopped, and he was asked to report the circumstances under which it was put in hand without sanction.

3. From the report received, it would appear that Mr. T. W. S. Smyth, the Special Executive Engineer, Madura, having obtained the verbal approval of the Superintending Engineer (Mr. Hughes) for building a bridge at this place, submitted an estimate and ordered the work to be commenced.

4. It was therefore pointed out that the Executive Engineer was wrong to have assumed that the Superintending Engineer's approval of the proposal to build a bridge authorized him to put the work in hand; that the Executive Engineer should have known that the Superintending Engineer had no power to sanction the work; and that, even if the estimate had been submitted, the approval of Government should have been awaited.

5. It was considered, however, that there were sufficient grounds for sanctioning the estimate, if the villagers bear half the cost as the work will save the tank bank from damages from the continuous passage of the cattle over it. The Code rule (paragraph 81, chapter IX, Volume I) dealing with the contributions, lays down that the contribution should be realized before any liability is incurred on account of the work, but permits the Local Government, in cases where it is satisfied that the money will be forthcoming when required, to authorize the recovery of the contribution by suitable instalments. In the present case an expenditure of Rs. 679 has already been incurred, and the Executive Engineer reports that the villagers would have much difficulty in raising half the cost of the bridge in cash. The bridge is estimated to cost Rs. 2,320, and the proposal now made is that the villagers shall contribute a sum of Rs. 339, or half the liability already incurred, before work is resumed and that the village munsif who undertakes to execute the work on contract shall only be paid one-half of the remaining cost, the other half being recovered by him from the villagers concerned. The villagers and the munsif have signed an agreement to this effect which seems sufficiently to comply with the spirit of the Code rule regarding the recovery of contributions, though the Examiner of Public Works Accounts is of the opinion that the procedure is not countenanced by the rule. Under these circumstances the estimate might be sanctioned as a special case.

(Signed) J. C. LARMINIE,
Ag. Chief Engineer for Irrigation.

1st October 1898.

Enclosure.

Report to accompany the estimate for constructing a bridge at 5 miles 1 furlong, Periyár main channel.

	RS.
Amount of Estimate	2,320

The bridge is to accommodate the ryots of Ramarajapuram and to save the canal bank for about half a mile in length being continually worn down by traffic; there is also a cart-track which has been cut off by the excavation of the channel. Its construction was verbally ordered by the present Chief Engineer for Irrigation in his last inspection as Superintending Engineer of these works. The width of roadway is 12 feet.

The work has been put in hand, the submission of the estimate having been delayed by oversight.

(Signed) T. W. S. SMYTH,
Ex. Engr., Special Periyár Division.

Order—No. 836 I., dated 28th October 1898.

The following estimate is sanctioned, Rs. 1,160 of the proposed outlay being met from contributions from the villagers interested in the execution of the work :—

Capital Expenditure not charged to Revenue.
49. Irrigation.
Periyár Project.
Open Capital Account.
Main Channel, 1st Reach.
2. Main Canals and Branches.
7. Bridges.
Unremunerative Work.
Constructing a Bridge at 5 miles 1 furlong.

	RS.
I. Works	2,320
II. Establishment	534
III. Tools and plant	6
Total, Estimate ...	2,860

2. This sanction is registered as No. 88 I. of 1898-99 and will expire on the 31st March 1900.

3. The Superintending Engineer, VI Circle, will see that work on the bridge is not resumed until the contribution of Rs. 339 promised by the villagers is paid. The arrangement suggested by the Chief Engineer for Irrigation in paragraph 5 of the foregoing note, with regard to the remaining cost of the bridge, is approved.

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

[Here enter No. 837 I., dated 28th October 1898.]

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, VI Circle, with five enclosures.
" Examiner of Public Works Accounts.

Endorsement—No. 837 I., dated 28th October 1898.

Forwarded.

(By order.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

Exd. T. K. Narayana Aiyangar.

H.E.

Public Works Department,
Irrigation Branch.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following

Estimate for constructing a bridge across the Periyar Main Channel at the lower end of the Ramarajapuram tank, Madura Dt.

Print Read 1 Ignore

From Supg. Engr 6th Circle		(H.E. no 394 M.D. d/ 28. 6. 94)
To	do	(H.E. " 2497. C " 18. 7. 94)
From	do	(H.E. " 1161. M.D. " 13. 8. 97)
From	do	(H.E. " 1446. M.D. " 9. 10. 97)
To	do	(H.E. 114. M.D. " 19. 10. 97)
From	do	(H.E. 85. M.D. " 25. 1. 98)
To	do	(H.E. 12. M.D. " 7. 2. 98)
From	do	(H.E. 830. M.D. 15. 6. 98)
To	do	(H.E. 58. M.D. " 23. 6. 98)
From	do	(H.E. 1157. M.D. " 19. 8. 98)

Office note by the Ex. P.W.A. no 1130 A/A d/ 24 Sept /98

Print with reports

Note by the Ag. Chief Engineer for Irrigation } (H.E. no 264 I d/ 1. 10. 98)

Flag G.

Issue

JCL
Ag. I 6/10/98

An estimate amounting to Rs 2000 was submitted by the Superintending Engineer 6th Circle in 1894 for constructing a bridge across the Periyar Main channel at the lower end of the Ramarajapuram tank which Col. Pennycuick refused to sanction.

2. In August 1897, the Supg. Engineer, in his inspection notes–

notes having brought to notice that the piers and abutments of the bridge were raised some five feet, the work was ordered to be stopped and he was asked to report the circumstances under which it was put in hand without sanction -

Flag H.

3. From the report received, it would appear that Mr T. W. S. Smyth, the Special Executive Engineer, Madura, having obtained the verbal approval of the Supg Engineer (Mr Hughes) for building a bridge at this place submitted an estimate and ordered the work to be commenced.

Flag J

4. It was therefore pointed out that the Executive Engineer was wrong to have assumed that the Superintending Engineer's approval of the proposal to build a bridge authorized him to put the work in hand, that the Executive Engineer should have known that the Supg Engineer had no power to sanction the work and that even if the estimate had been submitted the approval of Govt

B

SP

should have been awaite

5. It was considered however that there were sufficient grounds for sanctioning the estimate, if the villagers bear half the cost as the work will save the tank bank from damages from the continuous passage of the cattle over it. The Code rule (Para 81. Chap IX. Vol. I) dealing with the contributions, lays down that the contribution should be realized before any liability is incurred on account of the work but ~~in~~ permits the local Government in cases where it is satisfied that the money will be forthcoming when required, to authorize the recovery ~~from~~ of the contribution by suitable instalments. In the present case an expenditure of Rs 679 has already been incurred and the Executive Engineer reports that the villagers would have much difficulty in raising half the cost of the bridge in cas The bridge is estimated to cost Rs 2320 and the proposal now made is that the villagers shall contribute a sum of Rs 339 or half the liabilit already incurred befor work is resumed and that

that the Village Munsiff who undertakes to Execute the work on Contract shall only be paid one half of the remaining cost, the other half being recovered by him from the Villagers Concerned. The Villagers and the Munsiff have signed an agreement to this effect which seems sufficiently to Comply with the spirit of the Code rule regarding the recovery of Contributions, though the Examiner of P.W.A. is of the opinion that the procedure is not countenanced by the rule. Under these circumstances the estimate might be sanctioned as a special case.

J C L
Ag. E. I 1/10/98

Flag N.

N.H.
15/10

A.S.H.

Order thereon

The following estimate is sanctioned, Rs 1160 of the proposed outlay being met from Contributions from the Villagers interested in the Execution of the work:—

Capital Expenditure not charged to Revenue
49. Irrigation
Periyar Project
Open Capital account
Main Channel - 1st Reach
2. Main Canals & Branches
7. Bridges

E. I. Form No. 1—500—14-5-95

7. Bridges
Unremunerative work
Constructing a bridge at 5 miles 1 furlong

I. Works	... Rs	2320
II. Establishment	..	534
III. Tools & Plant	..	6
	Total Estimate	2,860

No: 836 I d/ 28.10.98

A.S.H.
2.10.98

2. This sanction is registered as No 88. I of 1898-99 and will expire on the 31st March 1900

3. The Supg. Engineer, 6th Circle, will see that work on the bridge is not resumed until the Contribution of Rs 339 promised by the Villagers is paid, the arrangement suggested by the Chief Engineer for Irrigation in para 5 of the foregoing note, with regard to the remaining cost of the bridge, is approved.

4. Ordered that a copy of these Proceedings be forwarded to the Govt of India for information

J C L
Ag. I 1/10/98

To
The Chief Engineer for Irrign.
" Supg. Engineer 6th Circle with 5 enclosures
" Exr of P.W.A.

10/11/98

(I.E. No 837 I d/ 28th October 98)

Forwarded

1/11/98

J C L
Ag. I 1/10

Public Works (1898) Department.

CURRENT No. 8649

From

The Chief Engineer
P.W.D

Order

No. 264-I

Dated 1-10-98

Received
Registered } 18-10-98

Enclosures 20 (3 plans)

Spare copies

SUBJECT.

Bridge across the Periyar main Channel at the lower end of the Ramanayapuram tank - Madura Dt. - Estimate of Rs 2320 for constructing a - Note recommending for sanction the - as a special case

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

8

Report to accompany the estimate for constructing a bridge at 5m 1f 8 Periar Main channel

Amount of estimate Rs 2320

The bridge is to accommodate the ryots of Ramarajapuram and to save the canal bank for about half a mile in length being continually worn down by traffic, there is also a cart track which has been cut off by the excavation of the channel

Its construction was verbally ordered by the present Chief Engineer for Irrigation in his last inspection as Superintending Engineer of these works — The width of Roadway is 12'

Enclo. 2 Plan
1 Rate
3.

The work has been put in hand, the submission of the estimate having been delayed by oversight

K W A Smyth
Executive Engineer
Special Periar Division

Public Works (1897) Department.

CURRENT No. 102 M.D

SUPG. ENGINEER'S OFFICE,
No. 1373
28 AUG. 1897
P.W.D.
SIXTH CIRCLE.

Order

VI
No 92 M.D d/ 25-8-97

× Returned with remarks to S.E. VI.
25-8-97 W. Hughes

Chief Engr. & Secy. for Irrigation

×
To be returned after perusal for record in this Office.

Noted and returned with Copy of the Special Executive Engineer's letter No: 95 S.E. dated 28 September 1897.

O.C. Boddy Lt Col. R.E.
Supg Engineer, VI Circle

D/. 9 October 1897.

OWE 17
8645/88

From
The Superintending Engineer
VI. Circle

No. 1161. M.D.

Dated 13th August 1897.
Received 17 — Do —
Enclosures — " —
Spare copies

SUBJECT.

Inspection Notes of Lieut. Col. O. C. Boddy R.E. Supg Engineer VI. Circle for the months of July and August 1897 — Submits the —

18/8/97

DE 9
E 9

17/8/97

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.
R5 Ind	25-1-98
R64 Ind	15-6-98
R97 Ind	19-8-98

Periyar Project.

XII Branch Channel

19th & 23rd & 26th July 1897

No. 1161 Ir.D. dated 13th August 1897

of 16:

Inspection Notes of Lt Col. A.V. Boddy R.E., Superintending Engineer, II Circle for the months of July and August 1897:—

Work is in progress for the whole length about $13\frac{1}{4}$ miles

The Regulator at the Head, which is a Combined work for the XI & XII Branch channels is half finished. Some slight deviations from the sanctioned design have been made in this work, the axes of the works being placed in alignment with the channels, instead of at right angles to each other. Also the sill of the Head to the XI Branch has been made at the same level as the XII instead of lower as originally proposed. Covering stones have been substituted for arch work. These deviations are approved; there is no object in placing the sills of the regulator at different levels.

The channel cutting may be said to be $\frac{3}{4}$th complete, the balance chiefly remaining to be done in the last 3 miles.

There however still remains a considerable quantity of hard rock to be blasted out, and doing this should not be delayed.

Roughly about $\frac{2}{3}$rds of the banking has also been done. In the 7th mile, where the ground level is (-4) some heavy banking is still to be done. In the 8° mile owing to separation of drops from bridges (as ordered by the Chief Engineer for Irrigation) position of drop No: 10 of 4' has been moved back which has resulted in more cutting & less embankment. These sites were approved. In the 11 mile the heavy cutting through the

Please state what the Sill level is with reference to main canal bed and what depth in main canal will give a full supply to the 1th Branch.

Please see Mr Smythe's letter No. 95 S.E dated 28' September '97. Copy submitted herewith.

Taniamangalam ridge has been nearly done, with the exception of some rock blasting.

Fair progress has been made with the masonry works.

In the 1st mile foundation for 3 drops are laid & masonry raised about 5'. No: 1 Drop is founded on rock & flooring omitted. In 2nd & 3rd mile Concrete foundations are in for 5 drops and flooring being laid

In 6° mile drop No: 9 & Bridge combined, the piers of bridge are raised 3 feet and drop nearly finished with the exception of coping. Owing to rock it has been found possible to omit the cut stone flooring. The sanctioned estimate only allowed a 4' foot-way. The bridge has however been built for a 9' road, & as the channel at this point separated the village of Iravinipatti from its northern hamlet this may be allowed.

Why was not the bridge built separate from the drop? Or was it designed to be over the drop & not in front of it.

Please see Mr Smythe's letter No. 95 S.E dated 28' September 97, Copy herewith submitted.

that the Village Munsiffs

Savings in foundations will nearly meet the increase in Cost.

Drop No: 10 in 8th mile has foundations in.

For the 6 drops below (not inspected) nothing has been done beyond collecting a little material.

Two accommodation bridges in 1st & 3rd miles have foundations laid & piers in progress.

Bridge in 5th mile has piers and abutments raised to full height.

Bridge on Melur - Trichy road has covering stones in position. This bridge should be finished soon, but contractor is very slow.

Bridge in Melur - Tripatur road is complete with the exception of parapets and is in use. Must be finished soon.

Bridge at 6 miles 420 ft - Superstructure raised about 4'.

Bridge at 7 miles 2140' foundations excavated & some material collected. 2 Bridges below not commenced.

Cross Drainage works.

In the 2nd mile it has been found that a portion of the drainage of the Senagarampatti will be intercepted by the Channel bank and the Executive Engineer proposes to put a small under tunnel here. It is not in the estimate, but the work is advisable, Cost about Rs 120.

Approved
Sanction should be applied for.

At 5 miles 3100' under tunnel is completed with exception of coping.

At 8½ miles, under tunnel is also completed with exception of coping.

At 8 miles 3060' an under tunnel to drain $\frac{1}{8}$ square mile is provided, which does not seem to be necessary as the drainage might be carried at 8½ miles.

Before deciding on the abandonment of this under tunnel the Executive Engineer will further investigate the capability of the 8½ mile under tunnel to take this extra drainage.

At 9 miles 1080' & at 9 miles 2740' superpassages are provided. Concrete is in for the first and foundations excavated for the second and a good deal of material collected. These are all the cross drainage works.

The Head Sluice of the 7th Distributary is nearly completed and concrete foundations are in for ~~the~~ Head Sluice of the 6th Distributary.

A good supply of material is at site of most of the masonry works down to the 10th mile. I inspected the Pulipatti quarries and found wudders at work & a fair supply of stone ready. It is reported that a fair supply of stone is ready at other quarries. The Executive Engineer expects to - and I see no reason why he should not - get water down to 10½ miles early in September. If

$6000 \times 2\frac{1}{2} = 15000$

this be done a little new land near Taniamangalam may be taken up and increased assessment on between 5,000 & 6000 acres more than last year reckoned on for this year. I found the channel dug by the ryots last December & January in operation, though it breached a day or two after and will be repaired. It was carrying water about 20 C.f.S. & was got down the channel to the end of the 7th mile, i.e, through 5th, 6th & 7th miles of the XII Branch Channel.

A more careful estimate of the land commanded by this Branch based on acreage under Distributaries shows that 18,000 acres instead of 16,000 can be irrigated.

I examined the ground further to the east of the limits now proposed to be irrigated by this channel and there is no doubt but that irrigation can be extended very considerably

-siderably in this direction if sufficient water is eventually available. Though many of the ryots are very desirous of making this extension at once - and have even commenced a channel - I think investigation in this direction had better be deferred for some time.

I doubt if there will be water for more than the 114000 acres calculated on, even if there be ~~very~~ only a small area of it double-cropped

There are 11 Distributaries proposed under this Channel. Of these Estimates for Nos: 1 to 5 & 7 are sanctioned. Estimate for No: 6 has recently been submitted to Government; Estimates for Nos: 8 & 9 are said to be ready. Estimate for No: 10 is under examination in my office & estimate for No: 11 remains to be done. No work has been commenced on any of these Distributaries.

This channel work has altogether made very good progress

XI Branch channel 22nd & 24th

This work has been given to one Contractor - a Mr. Martin of Madura - on piece work.

3/

The length of this channel is 5 miles 1600' and earthwork both cutting and embankment is nearly completed for the 1st 3 miles, though rock has still to be blasted & taken from the cutting & embankment requires making up and sectioning. For the 1st 1800 feet the bed fall is 1 in 200 and for the next 400' it is 1 in 66. Though the soil is chiefly rock yet in places, where soil is soft & will not stand the velocity, sides of Channels should be revetted - there is plenty of material at site and the cost of so doing will be small.

The gradient seems enormously steep. all soft parts must certainly be revetted

The masonry works are not making good progress, the only one commenced being the aqueduct over the outfall from the Odayen Eudal.

This consists of 8 spans of 6 feet. Piers and abutments are raised full height & the Covering stones are laid.

There are some heady-falls to be constructed, 1 of 10 feet, 3 of 8 feet & 8 of 6 feet. A bridge on the Melur road has also to be constructed & an accommodation bridge combined with a drop - design for which has to be altered.

There are 3250 acres commanded by this channel but there is no probability of any land being brought under irrigation during this year.

XI Reach.
27th

Bank of main canal in the 33rd mile near Kidaripatti Rock which slipped badly some months ago has been made up and stone drains inserted which have acted well. There is now very little leakage. The bank of main canal had been cut in 2 places, presumably by ryots of Managulam village. The breaches were closed and it is impossible to discover who actually did the mischief, but it seems to me that some punishment should fall on those benefitted. The sluice at 30 miles 6 fur: should be pushed on with. Work on the distributary from this sluice in progress.

Mischief of this kind has given a lot of trouble in other districts also. If a special report be made I will look up the subject. It should be stated in the report whether the lands benefitted are assessed as wet under the canal works, this being an important point.

X Branch Channel.
1. Mile at Head - and from the Melur Road to End.
20th, 21st & 27th

Copings to cushion walls of drops must be securely fixed in Portland cement, if necessary.

Water was flowing down the Tiruvadur off take all field channels for which are reported to be complete. Two sluices in connection with drop No: 11 have been taken down, as it was found that the work was not good. They will be rebuilt above the drop and field channels excavated.

Chunnambur offtake

This takes off from the Maruedur tank into which the

X Branch tails. The Head sluice is finished but work beyond for the 1st mile is progressing very slowly & it has been found necessary to construct drops Nos: 1 & 2 by departmental labour. Drop No: 1 is approaching completion, but concrete foundations only just got in for Drop No: 2. A fair quantity of material is at site. The earthwork should be pushed on with. In this mile and especially at Sholamadui Tank, the earth is very bad and unsuitable for banks and unfortunately the banks are high. I anticipate much trouble here in consequence and I think it will be necessary to case the inner slopes with better earth but this will be expensive.

From 1 mile 2 furlongs to end the earthwork is completed. A few masonry escapes are

required in the bank. One where the channel passes through Irukkanpatti tank and also where cross drainage from the Idayappulti Hills cross the line of channel. Estimates for these works should be made.

A considerable extent of land is commanded by this offtake & estimates for the necessary distributaries should be prepared.

This offtake should be completed as soon as possible as water is much required down it.

This offtake has been an enormous time in hand.

Kunnathur Tank.

Inspected left flank. An excellent site for extension of surplus weir, but run off would be over cultivation and so will not do. Estimate for repairs of the tank and channel is said to be nearly completed.

IX Branch Channel.

28th

The means used for checking leaks in the 4th mile have proved successful, the water which was collected and running in a small stream in rear of the bank being caused by springs and not by leakage through the banks. The banks have been raised 2½' for ¼ of a mile as it was found too low.

I am glad of this.

2 Field channels have been excavated from drop No: 1 and 1 Field channel from drop No: 5. An irrigation sluice at 3 miles 3 fur: has just been constructed with a Distributary and field channel.

The Regulators to Chittampatti & Kunnathur channel have not yet been provided with shutters. This should be done at once.

Distributary from Sluice at 5th mile is nearly completed, sectioning remaining to be done. This work has not apparently been well laid out at the head or too great a fall has been given to it in places. It must be regraded and velocity where too high should be diminished.

Work to the 2nd Drop is not good either.

2. Distributaries from Drop No: 14 are in progress and on the Road bridge on the Melur Road through which the left Distributary passes an inscription stone to commemorate its opening on the 22d June last has been fixed.

A field channel from Drop No 5 Chittampatti offtake has been excavated.

It is reported that only 4 field channels remain to be dug to complete the distributaries from this offtake.

The Rest House building at Chittampatti has the walls to full height but roofing not yet commenced. The Contractor has taken a long time over this work.

8° Branch Channel
27th & 31st

3. Cross Drainage works have been just Commenced. The under tunnel at 1 mile 1 fur: having side walls raised 2 feet and foundation only excavated for works 1 m 3½ fur: & 2 m. 5 fur: Besides these there are 3 other masonry works to be built.

The banks are now in bad order and will require making up again.

Water is at present let down to Kallandri tank & crosses the road by a culvert from which it is run down the side drains of the road to the tanks it has to supply. This will do as an emergency but every effort should be used to finally complete this Branch Channel.

VII Reach
29th

A sluice has been built at 25 m 1 fur. Screw gearing shutters still required. Estimates for field channels from this sluice have to be prepared.

The culvert by which Sandai Odai is passed under the canal has formerly given much trouble by silting & has caused the left bank of main canal to breach on two occasions. This has now been rectified by removing the rear left wall altogether and cutting down the run off channel. ✓

VI. Branch Channel
29th

2. Distributaries have been excavated from the Drop No: 1. The earthwork at head of Right Distributary is badly done and the work to the Drop is very poor, hardly any mortar being used & large voids left between the stones. This must be taken down and rebuilt. Instead of taking this Distributary Channel over a

I hope there are not many works like this the Drainage by a culvert, it is proposed to stop the Distributary at the Drainage which is to be allowed to enter the Branch Channel, and construct a small sluice below the drainage to supply the remaining portion of the Distributary which would thus be in 2 portions. As the bed of the Drainage Channel is also a cart track this may be allowed.

A third distributary from Drop No: 4 is in progress & lower down all field channels are reported to be Completed.

It is totally impossible to send Samaan bandies from Kallandri to Mettupatty and so I had to return to Madura.

VI Reach.
7 August.

An Irrigation Sluice at 22 miles has been constructed and the Distributary from

IV. Branch Channel.
7 August.

it is in progress.

The only work in progress on this Channel is a superpassage in Achampatti tank by which the Channel will be entirely separated from the tank into which it falls at present. The Bridge and Regulator were being demolished and foundation excavated for superpassage. The tank is an Inam tank for which water was given both last and this years & if this giving of water could be continued I hardly see the necessity for the work.

The Pannagudi Inam tank is proposed to be treated in the same manner & also the Kuravanur Periya Kanmai a Government tank.

Four cross drainage works and 2 drops must of necessity be constructed before water can be let down to fill the tail tanks, which this is the principal object of the channel, as there will be very little direct irrigation to Govt. lands, and these works should I think be first constructed. The others first alluded to can be done at any time. The Achampatti superpassage should however now be proceeded with, but I have not yet received the estimates for these works, which should be expedited.

Thandalay offtake

1 Distributary & 8 Field Channels are completed. A good extent of new land under this offtake has been converted into wet. In two cases I found drops blocked by planks to raise head of water. Possibly this may in some cases be permissible but it should be done by the Establishment and not at the will of the ryots.

4 Branch channel

Distributaries and Field

Channels completed with the exception of 2 Distributaries at Tail end which supply Podumbu East and West Danks which it is reported will be finished in a month.

The watchman was absent from the rest house at Inettupatty for the day I arrived there. He will be suspended for 1 month.

V Reach

A field channel from Irrigation Sluice at 18 miles 6 fur: is in progress.

A well has been newly dug at the foot of the right bank at 18 m. 3 fur: This should not be allowed.

III. Reach.

10th

From the Irrigation Sluice at 16 m 6 fur. a Distributary with 2 field channels have been completed.

At 16 miles 2 fur: the upper bank has twice been cut by a ryot to let drainage off his land. The prosecution failed. A run off channel to connect with superpassage at 16 miles is now being cleared which will drain his land.

A Distributary and field channels have been taken from sluice at 15 miles. A good deal of conversion is being done in the lands commanded some 1,000 acres.

There is some leakage through the bank at places between the 12° & 13° miles but not to an extent to cause danger. Some 20 acres or so are being irrigated from this leakage.

No: 1. Distributary & Field Channels to irrigate the Kattakulam lands are finished, also a small field channel to irrigate lands above Vadagarai tank. One small field channel remains to be done.

This branch channel was running full to supply

2nd Reach.

11th

Gov Ta Kattakulam and ain of Inam tank

A distributary from sluice at 9 miles 5 fur: has been excavated. Bridge near the 9° mile has piers and abutments raised 4 feet. This is a contribution work.

Distributary from Iratchikulam Tank weir is practically completed and in working order.

Another Distributary from Irrigation Sluice at 5 miles 5 furlongs is also in working order.

A bridge has been commenced at the East end of Ramarajapuram Tank and piers & abutments raised some 5 feet. 3 years ago the villagers offered to pay ½ the cost of the bridge but Col. Pennycuick

This work should be stopped and a report submitted stating the circumstances under which it was put in hand without sanction. It should also be ascertained whether the villagers are willing to pay half cost.

Report submitted in the ——

Please see W. Office

No. 2479 C.G. 18/7/94

would not allow [illegible] to be built. It is not a necessity but a luxury & I consider that the villagers should contribute at least half the cost of the work.

The work is not sanctioned and should not have been commenced.

Distributary from sluice at 2 miles 3 furlongs has been excavated.

Head Works.

In good order.

The approach to the Head Sluice has been widened by cutting back the leading channel by some 150 feet. Water was spilling over the anicut with 5·2 in front of Head Sluice. The low portion of anicut will have to be raised. Much silting go on both above the Head Sluice and in the canal. I doubt the efficacy of sending more water than is required down the main canal to be drawn off at the Vadagherai Head Sluice and surplus returned to river. Though a greater velocity may be produced still more silt is brought into the canal.

It will be more effectual to contract the head of the main Canal

General Remarks.

The works are on the whole making satisfactory progress and every endeavour is made to supply water where it is needed. Everywhere conversion of dry to wet is being proceeded with. The Revenue for last year up to June 30th was Rs ✱95,573 and it is confidently expected that there will be an additional Revenue of half a lakh during the present year.

This is very satisfactory. The revenue is well above the Collector's Est.

The Establishment is rather short handed, but I see that Executive Engineer Mr: Subramanya Iyer has

✱ Tinev. 32,883
Madura 62,690

been posted to the works.

The Tank question remains to be taken up, but at present no one can be spared for the necessary investigation. The ryots show an inclination to interfere with the water regulation and to increase their supply by surreptitious means. This should be stopped and also encroachments of any sort should not be permitted.

I think the appointment of another Channel Superintendent will be advisable, there are only 2 at present.

O. V. Boddy, Lt. Col. R.E.
Supg Engineer, Trich

To the Chief Engineer
for Decision

CHIEF ENGINEER
FOR IRRIGATION.
17 AUG. 1897
No. 102 Ir

CHIEF ENGINEER
FOR IRRIGATION.
12 OCT. 1897
No. 135 Ir

Public Works (1897) Department.

IRRIGATION BRANCH.

ISSUE No. VI / 92 Ir

To

The Supg. Engineer
6 Circle

(Reply to letter No. , dated).

Dated 25-8-97

Despatched 27-8-97

Enclosures *

* Particulars of Enclosures.

SUBJECT.

Inspection notes of the S.E.Ir. for July & August 1897 – ~~Ot~~ Madura Dn. – Forwarded for perusal of remarks and return –

Indexed

E. V. Form No. 13—2,000—23-2-97.

BACK PAPERS.

No.	Date.
R102 M.D.	13-8-97

Sent to Government with No. I., dated 1897.

Printed with G.O., No. I., dated 189 .

REMINDERS ISSUED.

No. 1, dated 189 .
„ 2 „
„ 3 „
„ 4 „
„ 5 „

KEEP-WITHS

FURTHER PAPERS

No.	Date.
R135 M.D.	9-10-97
R5 M.D.	26-1-98
R64 M.D.	15-6-98

No: 2479 C d/18 July, 1894

C/

Memo

The estimate of Rs 2000 for constructing a bridge across the Periyar main channel at the lower end of the Ramarayapuram tank received with letter No. 3960 M.D., d/28th ult., from the Supdg Engr, VI Circ., is herewith returned unsanctioned. The undersigned has over & over again refused to sanction expenditure from project funds on this bridge. It is not in the least wanted & if built will hardly ever ~~never~~ be used.

13.7

To
the S.E. VI with (5) encls.

De 14/7

CWM 11/7

CWM 13/7 94

500—13 11-93.

No: 2479 C of 18 July 84

Vcl
1877

23/7

OFFICE OF THE SUPERINTENDIN GINE

6TH CIR

No. 394 md,

~~Trichinopoly~~, Methupulty. 28th Ju 4.

D 3/7

FROM

Major C. V. Boddy R.E.
~~THE~~ SUPERINTENDING ENGINEER,
6th CIRCLE.

TO

THE CHIEF ENGINEER,
P. W. Department
Madras

SIR,

ENCLOSURES. 3

1. Estimate with report &c
1. Site Survey sketch
1. Plan of Bridge

I have the honor to forward herewith an Estimate amounting to Rs 2000 for the Construction of a bridge across the Periyar Main Channel at the lower end of the Ramarajapuram Tank. The bridge is not an absolute necessity, at the same time it is more than a mere convenience. There is a great difficulty for bandies to pass below the Tank Bund, and the Construction of the bridge will obviate the tank bund being cut up by the continual passage of Cattle over it.

2. The villagers have, I am informed, several times asked for a bridge at this point, and their request has been refused. Now however they state their willingness

Sd
5-7-94

8.20
P. W. CURRENT No. 5009

P. W. D. 6th CIRCLE 8649/98

FROM

THE SUPERINTENDING ENGINEER,
6TH CIRCLE.

TO

THE CHIEF ENGINEER,
P. W. D.

No. 394 md,

Dated 28 } June 1894
Received 3/7 } 5-7-94

Enclosures. 3 5 (2 plans)

Submits for sanction an estimate of Rs 2000 for the construction of a bridge across the Periar main channel at the lower end of the Ramarajapuram tanks —

C/
Please say if there is any objection to the acceptance of a contribution from the villagers for the proposed bridge, the outlay on which will be classified under "49 Capital Expenditure not charged to Rev"

I [illegible]

ICB
7/7

BR

C. E. I
BR
-7-94

F. E. I
The estimate has been checked

Sh
7/7/94

[illegible]
7-7-94

OF 185
R 11/7
Sent again to oty 11/7
R 18/7
JM E & D
9 July 94

~~Public~~ Works (1897) Department.

CURRENT No. 135 M.D.

Order

El

Alternate of old level of XI Br. Head Sluice approved. What has become of the Est. for bridge at Ramarajapuram. If not recd. Say it may be submitted if villagers pay ½ cost.

WH
SP
14.10

SCB Paper soon
ICB
14/10/97

Recd
The Estimate was returned to S.E. with memo No. 2479 C dt 18/7/94 unsanctioned —

[illegible]
15/10/97

ICB
I 12/10/97

From The Supg Engineer
VI Circle

No. 1446 Md

Dated 9 October 1897
Received 12 — Do
Enclosures 1.
Spare copies

SUBJECT.

Inspection notes of S.E. for July & August/97 — Returning the with the Engr's replies to the Chief Engineer's remarks made on it.

D. E. I

BACK PAPERS.

No.	Date.
I 92 M.D	d/ 25-8-97

FURTHER PAPERS.

No.	Date.
D 114 MD	19-10-97
R 5 MD	25-1-98
R 64 MD	15-8-98
R 97 MD	19-8-98

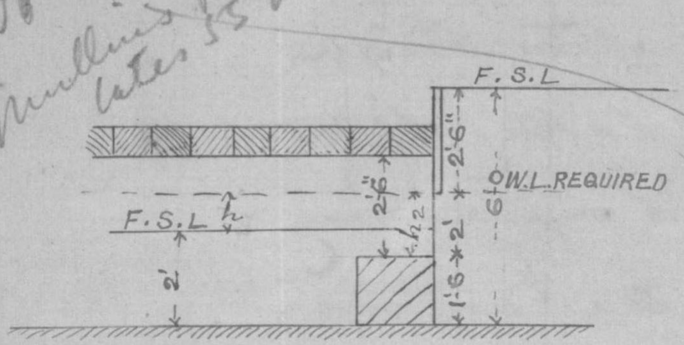
From T. W. S. Smyth Esquire, Special Executive Engineer, Madura, to the Superintending Engineer, VI Circle, No: 95 S.E. dated 28 September 1897:—

In reply to your No: 1234 M.D. I have the honor to report as follows:—

2. The cill level of the regulator both for XIa & XIIa Branch channels is now 1 foot above bed level. The area of the vent is 6'-0" × 2'-6" and required full supply for 3,500 acres may be taken as at the most 53 cusecs. F.S.L. in the channel being only 2 feet i.e. 6 in above cill level, the required discharge will be given when the shutter is raised 2 feet, water level being the same and a free flow allowed.

cusecs

63 acres per cusec Mullins for this latter 55 or 3500/55 = 63



$$D = cb\sqrt{2gh}\left(\frac{h}{2} - \frac{h}{3}\right)$$

$$= 5 \times 6\sqrt{1.5}\left(2 - \frac{1.5}{3}\right)$$

$$= 54 \text{ Cusecs.}$$

3. It may be remarked that to give

the required F.S.L. di[illegible] for the XII Branch Channel, wa[illegible]st be very nearly at F.S.L. or 2.[illegible]her than is required for the XI B[illegible] Channel.

4. As regards the bridge and drop in the 6th mile XII Branch Channel:– the bridge is built in front of the drop, the orders regarding separation of bridges & drops having been received after the foundations were dug; the soil is very hard and the bridge foundations are 5 feet deep and no fears need be entertained regarding uneven settlement.

5. The part execution of the bridge at Ramarajapuram (work having been stopped sometime) is due to my having been under the impression that an estimate had been sent. During Mr. Hughes' last inspection, he verbally approved of a bridge being built at this place mainly in order to save the bank of Ramarajapuram tank. He will possibly remember the ryots also bringing the village map and showing the old path which had been cut off by the Channel. As I found at the commencement of the working season that no estimate had been sent in I sent one and ordered work to be commenced. Probably the ryots seeing the work begun and stopped will now contribute a share of its cost.

I know nothing verbally [illegible] [illegible] [illegible]

No: 1446. I.W.D. Dt 9th October 1897
D/11.

E.W: 1.

Copy submitted to the Chief Engineer for Irrigation for information, with reference to his remarks No: $\frac{VI}{92}$ M.S. dated 25th August 1897 (herewith returned) on the inspection notes of the Supg Engineer for July & August 1897.

O. F. Woodley Lt Col. R.E.
Supg Engineer, VI Circle

CHIEF ENGINEER
FOR IRRIGATION.
12 OCT. 1897
No 135 M.D.

Public Works (1897) Department.

IRRIGATION BRANCH.

VI

ISSUE No. 114 M.D.

To

The Supg Engineer 6th circle

(Reply to letter No. 4464 M.D. dated 9 Oct/97).

Dated 19·10·97

Despatched 20·10·97

Enclosures *

* Particulars of Enclosures.

SUBJECT.

XI Branch Channel head sluice of the Periyar Project — Approves of the alteration of the sill level of the — and states that the estimate returned for constructing a bridge at Ramarajapuram may be resubmitted for sanction if the villagers contribute a moiety of its cost.

Indexed

16/10/97

E. I. Form No. 13—2,600—23-2-97.

BACK PAPERS.

No.	Date.
R135 M.D	9th Octr 97.

Sent to Government with No. I.,
dated 1897.
Printed with G.O., No. I.,
dated 189 .

REMINDERS ISSUED.

No. 1, dated 189 .
" 2 "
" 3 "
" 4 "
" 5 "

KEEP-WITHS

FURTHER PAPERS.

No.	Date.
R5 M.D	25-1-98
R64 M.D	15-6-98
R97 M.D	19-8-98

Memo VI / 114 M.D.

With reference to endorsement, No. 1446 M.D., dd 9th inst., of the Supg Eng: VI Circle, the undersigned has the honour to inform him that the alteration of the sill level of the XI branch channel head sluice is approved.

2. The estimate returned with Memo No. 2479 C, dd 18 July 189 for constructing a bridge at Ramarajpuram may be resubmitted for sanction if the villagers undertake to contribute a moiety of its cost.

WH
19-10-97

15/10/97.

To the S.E. VI

16/10/97

E. I. Form No. 13—2,600—23-2-97.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Memo

With reference to endorsement, No 1446 [illegible] of the Supdg Engr, VI Circle, the undersigned has the honour to inform him that the alteration [illegible] the sill level of the [illegible]

2. [illegible] for constructing a bridge at Ramaraja[illegible] [illegible] for the [illegible]

Ord. E. 16
8605/98

118

ublic Works (1898) Department.

CURRENT No. 5 M.D.

emo
rder

With reference to letter, No 85 M.D., of 25 Jan 98, from the Supdg Engr, VI Circle, the undersigned has the honour to request that he will be so good as to submit for the sanction of [illegible] the estimate for the bridge at Ramarajapuram in view to regularize the outlay of Rs 679 reported to have been already incurred.

2. The contribution of Rs 500 now promised by the ryots should be realised before the construction of the bridge is resumed.

3. It is observed that the estimate submitted in 1894 amounted to Rs 2000 or Rs 320 below the amount now reported. The increase should be explained. It would be advisable to keep the estimate as low as possible.

ICS
31/1/98

From
The Supdg Engineer
VI Circle

No. 85 M.D.

Dated 25 January 1898
Received 27 — Do —
Enclosures 1.
Spare copies

SUBJECT.

Bridge at 6 miles 1 furlong across Periyar Main Channel 1st Reach — Informing that the ryots of Ramarajapuram are unwilling to contribute more than Rs 500 for the construction of the — & requesting to be informed whether the estimate for the work can be sanctioned.

DEJ

ICS
31/1/98

28/1/98

E. I. Form No. 13—2,000—23-2-97.

BACK PAPERS.

No.	Date.
I 114 Md d/	19-10-97
R 135 Md	9-10-97
R 102 Md	13-8-97
I 92 Md	25-8-97

FURTHER PAPERS.

No.	Date.
I 12 Md	7-2-98
R 64 Md	18-6-98
R 97 Md	19-8-98

---

35. L.D.

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE,
Trichinopoly, 25th January 1898.
D/26.

From
Lt Col. C. V. Boady R.E.
Superintending Engineer,
6th Circle.

To
The Chief Engineer,
for Irrigation

SIR,

ENCLOSURES.
ition bearing
E.E.'s No: 455-P.W./22-1-98.
Kindly
eturned

With reference to your No: II/114 Md. of 19th October 1897, I have the honor to inform you that the Special Executive Engineer, Periyar Works, informs me that the ryots of Ramarajapuram are unwilling to contribute more than Rs 500 towards the construction of a Bridge at 5 miles, 1 furlong across Periyar main Channel in the 1st Reach. The ryots formerly offered to contribute half the cost of the Bridge if the construction thereof was given to them and a petition to that effect is herewith forwarded for your perusal. In these circumstances I request to be informed if the estimate may be sanctioned. The amount of the estimate is Rs 2,320 and the ex-
-penditure

E. I. Form No. 13—2,000—23-2-97.

-penditure on the work up to end of August 97 is Rs 679.

I have the honour to be
Sir,
Your most obedient Servant

Lt Col. R.E.
Supg Engineer, VI Circle

CHIEF ENGINEER FOR IRRIGATION.
27 JAN 1898
No. 59 M.D

24/1/98

9

Public Works (189$\overset{8}{7}$) Department.

IRRIGATION BRANCH.

ISSUE No. 12 $\overset{VI}{\text{M.D}}$

To

The Supg Engineer
VI Circle

(Reply to letter No. 85 M.D. dated 25/1/98)

Dated 7-2-98
Despatched 9-2-98
*Enclosures** 1 Petition

* Particulars of Enclosures.

SUBJECT

Bridge across Periyar main Channel — States that the estimate for constructing a — cannot be recommended for sanction unless the villagers bear a moiety of the cost and if the villagers refuse to pay this amount, an estimate to cover work already done sh'd be submitted with the necessary explanation

Indexed

E. I. Form No. 13—2,000—23-2-97.

E. I. Form No. 13–2,000–1-11-97.

BACK PAPERS.

No.	Date.
R 5 Md	25-1-98 VI

Sent to Government with No. I., dated 1897.

Printed with G.O., No. I., dated 189 .

REMINDERS ISSUED.

No. 1, dated 189

„ 2 „

„ 3 „

„ 4 „

„ 5 „

KEEP-WITHS.

FURTHER PAPERS.

No.	Date.
R 64 Md	15-6-98
R 97 Md	19-8-98

H.D. tracts / wk 7/12

Copy forward to me

Rcd 7/7/98

No 12 Md d/ 7-7-98

S. E. VI

Enclos.

With reference to the Supdt. Engineers No 85 Md dy 25 Jan 1898 the undersigned has the honor to say that he does not remember the position of the proposed bridge or its distance from other bridges and in the absence of any proof that the work is indispensable cannot re= commend the estimate for Sanction unless the Villagers pay the proportion of the cost formerly Stipulated, namely one half, but their share may be calculated exclusive of establishment + tools & plant charges.

2. It is observed that the estimate submitted in 1894 amounted to Rs 2000 or Rs 320 less than now reported – The amount should be kept as low as possible.

3. The Exec Engr. was wrong to assume that the Supdt. Engineers approval of the proposal to build a bridge authorized him to put the work in hand – He should have

E. I. Form No. [illegible] 2-97.

known that the Supd. Engineer had no power to sanction the work, and even if the estimate had been submitted the approval of Government should have been awaited –

4. If the villagers refuse to pay half the estimated amount the estimate to cover work already done should be submitted with the necessary explanation.

7.2.98 W.H.

Seen
JJB

Public Works (1898) Department.

E.I. I suppose the bridge may be sanctioned if the contribution of ½ is forthcoming vide No. VI / 12 mo. 7.2.98.
There remains the question of collecting the contribution in which respect to the E. Engr's proposal it is observed that the spirit of the code rule on the subject is that Govt. must be satisfied that the contribution will be paid. The E. Engr's proposal might answer this requirement had no expenditure been already incurred but as some 679 Rs have already been spent the minimum or the villagers showed start by contributing Rs 339-8 & they will do this the proposal might be considered –

Order

JJB 22/6

Approved - If the villagers agreement is not clear refer to S.E.
W.H. 23/6

Note
The novel arrangement suggested for the recovery of the contribution is against Code I, Chap IX, para 81 & will probably be challenged by C.
W.C.B. 20/6/98

Special sanction of Govt. will be required
W.H.

W.H.K. 18/6/98

CURRENT No. 64 I.D.

From
The Supg. Engineer
VI. Circle

No. 830. I.D.

Dated 15th June 1898.

Received 18 — Do —

Enclosures 6. (3 plans)

Spare copies

I D.E.I

W.C.B.
~~18/6~~ 20/6/98

SUBJECT.

Bridge at 5 m. 1 fur. of the Periyar Main Canal
Forwards with remarks for sanction an estimate of Rs 2320 for constructing a — & recommends that the contribution be collected in a special way.

[illegible] Supd. Engineer

BACK PAPERS.

No.	Date.
I 12 Ind	dy 7 2/98
R 5 Ind	25-1-98
I 114 Ind	19-10-97
R 135 Ind	9-10-97
R 102 Ind	13-8-97

FURTHER PAPERS.

No.	Date
I 58 Ind	28/6/98
R 97 Ind	19-8-98

1

Copy of Executive Engineers letter. No 29E / 31-5-98

CHIEF ENGINEER
FOR IRRIGATION.
18 JUN. 1898
64 Ind
2

Oct. 6 / 8 Oct 98

Enclo No. 5 to S.E. 6th No. 830-I.D. / 15-6-98

From T. W. S. Smyth Esquire, Executive Engineer, Periyar Works, Madura, No: 29 E. dated 31 May 1898.—

I have the honor herewith to resubmit the estimate for a bridge at 5 mile Main Channel accompanied by a statement signed by the leading ryots that they will pay a moiety of the Cost.

2. The contractor who is the village munsiff has also signed the statement in which a request is made that the amount may be recovered from his bill.

3. This practically means that the ryots will make their payment by labour &c & may be allowed as a special case, as they would have much difficulty in collecting a sum of Rs 1150 in cash, but the Contractor can manage by paying the workmen partly in kind and getting the carting done by the village carts.

True copy

O. V. Woodley Lt Col. R.E.

15/6/98

Supdg Engineer, [illegible] Circle

2

To

The Executive Engineer [illegible] Periar [illegible] Madura—

Hd Sir,

We the undersigned ryots of Ramarajapuram village in the Madura Taluq hereby agree jointly and severally to pay one half of the cost of the bridge to be constructed at our request near the 5th mile stone of the Periar Main Channel.

1. A sum of Rs (679) six hundred and seventy nine having already been expended by Government we agree to pay ~~one half of the cost~~ to Government before the 1st of January 1899 Rs (339) three hundred and thirty nine in cash failing to which the work will not be further proceeded with.

As regards the balance of the costs of the work we promise to make private arrangements with the contractor Sundarajah Row for the payment of the moiety and the responsible to Govt. and for any portion of this moiety that may be any chance be due from us or from the contractor at the completion of the work

8-8-98.

who is the moonsiff of the village and has signed the statement, may be a

SUPG. ENGINEER'S OFFICE,
No. 1/1283
18 AUG. 1898
P.W.D.
SIXTH CIRCLE.

CHIEF ENGINEER FOR IRRIGATION.
22 AUG 1898
97

8649/98

No. 830. L.D.

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE,
Kodaikanal ~~Trichinopoly~~ 15th June 1898
D/17.

From
Lt Col. C. V. Boddy R.E.
Superintending Engineer,
6th Circle.

To
The Chief Engineer,
for Irrigation

6 ENCLOSURES.

1. Survey
1. Village Map
1. Plan of bridge
1. Estd. with report &ca complete.
1. Copy of E.E.'s letter No: 29 E. of 31-5-98
1. Statt. from the ryots of Ramarajapuram

6

SIR,

With reference to your Memo: No: $\frac{07}{12\,M.D.}$ dated 7th February 1898. I have the honor to forward herewith a copy of letter No: 29 E. of 31st May 1898 from the Executive Engineer, Periyar Works, Madura, together with a statement signed by the leading ryots of Ramarajapuram that they are willing to contribute one half of the estimate for constructing the bridge at 5 M. 1 fur. of the Periyar Main Canal

The Executive Engineer reports that the ryots would have much difficulty in collecting the amount required in Cash and recommends that as a special ca the request of the ryots that the amount be recovered from the bills of the Contract who is the Moonsiff of the village and has signed the statement, may be ac

-ceded to. I would also recommend that, as a special case, this course may be adopted.

I forward also the plans & estimates for the bridge in question. The estimate amounts to Rs 2320 and cannot be reduced below this.

I forward also the village map which shows that a pathway did exist at this place, though the Executive Engineer reports that it has been so greatly encroached on by the ryots that it is now little more than a field bund. Access across the channel is available by the bridge at 4 miles 2 fur: but cattle crossing by this bridge are driven over the bund of the Ramrajapuram tank, the soil of which is bad and damage it severely.

It is therefore, I consider, in the interests of Govt. as well as of the ryots, that this proposed new bridge be built and I recommend it for sanction.

I have the honor to be
Sir,
Your most obedt. Servant.

J. J. Roddy Lt. Col. R.E.
Supg. Engineer, VI Circle

CHIEF ENGINEER
FOR IRRIGATION.
18 JUN. 1898
No. 64 MD

Ops. 5
86 of 98

19/6/98

Public Works (1898) Department.

IRRIGATION BRANCH.

ISSUE No. 58 MD
VI

To

The Supg. Engineer
VI Circle

(Reply to letter No. 830 MD dated 15-6-98

Dated 23 6 98

Despatched 28 6 98

Enclosures * 1. Villager's agreement

* Particulars of Enclosures.

SUBJECT.

Bridge at 5 M, 1 fur. of the Periyar Main Canal — Informs that the arrangement suggested for the recovery of the Contribution for the Construction of a — will require the special sanction of Govt. & S.E. requested to submit a revised agreement from the villagers, so that the sanction of Govt. may be applied for —

8 CB
I

I suppose the enclosures of R no 64 MD / 98 are to be returned to the S.E. with this memo.
28/6

No — not the plans & estes — only the villagers agreement need be retd. MK 28/6/98

E.I. Form No. 13—2,000—1-11-97.

BACK PAPERS.	
No.	Date.
R 64 M.D.	15-6-98

FURTHER PAPERS.	
No.	Date.
R 97 M.D.	19-8-98
R 202	3-9-98

Sent to Government with No. I.,
dated 1897.
Printed with G.O., No. I.,
dated 189 .

REMINDERS ISSUED.

No. 1, dated 189 .
" 2 "
" 3 "
" 4 "
" 5 "

KEEP-WITHS.

VI
No. 58 M.D. d/ 23-6-98

To S.E. VI

With refce to S.E.'s No. 830 M.D. d. 15. with the A/s has the honour to inform him that the arrangement suggested for the recovery of the contribution will require the special sanction of Govt. The spirit of the Code rule on the subject ; that Govt must be satisfied that the contributions will be paid. The Ex Engr's proposal might be considered by Govt to answer this requirement had no expenditure been already incurred on the work, but as some Rs 679 have already been spent the moiety or the villagers should start by contributing Rs 339 before work is resumed. As the statement of the villagers submitted it is not clear that

Encl

Vol I Chap IX para 81.

Further papers

they will do this
the S.E. is requested
to submit a revised
agreement so that the
sanction of Govt may
be applied for.

WH
24/6/98

23/6/98

Public Works (1898) Department.

CURRENT No. 97. Misd.

8649

From The Supg. Engineer
6 Circle

Order

No. 1157. Misd.

Dated 19 Augt 1898

Received 22 — do —

Registered

Enclosures

Spare copies

SUBJECT.

Bridge at 5 M. 1 fur. of the Periyar main Canal — Forwards a revised agreement from the ryots of Ramarajapuram Village in connection with the construction of a —

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

No. 1157 I. D.

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE,
Trichinopoly, 19th August 1898.
D/19.

From
Lt Col. O. V. Boddy R.E.
Superintending Engineer,
6th Circle.

To
The Chief Engineer,
for Irrigation

SIR,

1 ENCLOSURES.

With reference to your Memorandum No: 58 Ird. of 23 June 1898, I have the honor to forward herewith a revised agreement from the ryots of Ramarajapuram village, in Madura Taluq, in connection with the construction of a bridge at 5 miles 1 furlong of the Periyar Main Canal.

I have the honor to be
Sir,
Your most obedt. Servant.

O. V. Boddy Lt Col. R.E.
Supg Engineer, VI Circle

19/8/98

CHIEF ENGINEER
FOR IRRIGATION.
22 AUG. 1898
No. 97 Irr D

Ows. 3 / 86 of 98/58

Public Works (1898) Department.

CURRENT No. 221

From The Examiner, P. W. Accts, Madras

Order E1

For orders.

The question is whether the circumstances of the case are of suff.t importance to warrant the special treatment which C thinks is not countenanced by the rules.

27/9/98

Of course the start of the works without sanction, before collection of contribution is irregular – but this is all explained in the order. I don't see why it should go to India, unless as affecting Periyar — submitted to Govt

To DES for orders DL 28/9

No. 1130 A/A

Dated 24 September 1898

Received 26. Sept. 98

Registered

Enclosures one File

Spare copies

SUBJECT.

Bridge across the Periyar Main Channel at the lower end of the Ramarajapuram tank — States with remarks that the procedure proposed regarding the Construction of — is unusual.

KCW 26/9/98

1276/98 731

PL 29/9

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

E. No .27.
1,000—6-9-97.

KEEP-WITH CURRENT No.

dated 189 .

GOVT. OF MADRAS. } 189~~7~~8 { P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

V

CHIEF E
FOR
26 SEP 1898
No. 221

Madras, 24 September 189~~7~~8

OFFICE NOTE No. 1130 A/A

To

I.

Your Office Note No.276 dated I3th.September I898.

The procedure proposed would be unusual, and such as, in my opinion, is not countenanced by the rules on the subject of contribution works; and if for special reasons, it is decided to give effect to it, I would like the fact of my objection to be stated when forwarding a copy of the Proceedings to India.

24.9.98

C.

24/9

81/5798
1379