Public Works (1896) Departme

G.O., No. 474

Dated 4-6-96

[Despatch Abstract.]

Athalai Tank, Madura Dt. Revised estim
of Rs 4,590 for repairing and improving the
—, sanctioned in supersession of the
estimate sanctioned by the Supdg. Enginee

[P.W. 24
1,000—28-10-96.]

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 June, 4th.

Read. *Encl.*

G.O. No. 474 I., 4th June 1896.

JUNE.

Athalai Tank, Madura Division

Revised estimate of Rs. 4,590 for repairing and improving the —, sanctioned in supersession of the estimate sanctioned by the Superintending Engineer.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper :—

From W. HUGHES, Esq., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Trichinopoly, 1st May 1896, No. 457 M.W.

I have the honour to submit, for sanction, a revised estimate, amounting to Rs. 4,590, for repairing and improving No. 141, Athalai tank, in the Madura district.

2. An estimate of Rs. 2,390 was sanctioned by this office in 1892–93, but not carried out (except to the extent of some trifling emergent repairs) presumably because nothing was settled about the abandonment of tanks. It is quite clear now that all tanks of importance must be retained, and this tank is one of the most important as the third branch channel ends in it and it will not only be a flood regulator but an important distributing reservoir and must be made quite safe.

3. The original proposals were inadequate, the flood discharge to be provided for having been under-estimated. The surplus, as now calculated from Ryves' formula with a coefficient of 600, comes to nearly 4,900 cubic feet a second to get rid of which there is a weir, 78 feet long, at the right flank, a small surplus sluice near left flank and a byewash, 379 feet long. The byewash being in bad soil has become much damaged and is in fact useless as the ryots have to put a turf bund in front of it, and it is proposed to replace it by a weir, 200 feet long. The maximum flood level will be 3 feet above the weir crests and it is proposed to make the bund 4 feet above M.W.L. This is not too much as the tank is pretty large and deep and open to the north and the soil is not good. As it is advisable to do the work this year if possible, the Executive Engineer has been ordered to put the earthwork in hand in anticipation of sanction.

ENCLOSURE.

REPORT to accompany the revised estimate for No. 141, Athalai tank, Madura taluk.

	Rs.
Amount of the revised estimate	4,590

2. This is an imperial tank affecting the railway, situated 7 miles north of Madura. It has an ayacut of 232 acres assessed at Rs. 968. There are 23 minor tanks above it and 9 imperial tanks below it. Most of these will be abandoned as soon as the Periyár water becomes available.

3. The original estimate was sanctioned in Superintending Engineer's No. 34 of 1892–93. Since then the marginally-noted expenditure has been incurred.

	Rs.
Repairs to the Athalai tank—	
Estimate (No. 71 of 1894–95), Rs. 190—Outlay ..	194
Emergent repairs to No. 141, Athalai tank—	
Estimate (No. 63 of 1895–96), Rs. 150—Outlay to date. ..	117

4. No expenditure has been incurred against the original or revised estimate except Rs. 51 on the original estimate on account of teak-wood shutters.

As this is one of the tanks which will not be abandoned when the Periyár water is let down, it is considered necessary to make more provision for the surplus waters, and section of bund than what is allowed in the original estimate.

5. *Surplus arrangements.*—A new weir, 200 feet long, will be built at left flank.
The drainage area of the tank is 24 square miles. How much of this will be free after some of the upper tanks have been abandoned, it is impossible to say now.

6. The existing surplus sluices at left flank will be cut down to F.T.L. and the vents converted into notches, closed with needle shutters.

7. *Bund*—Will be raised 4 feet above M.W.L. and will be made 6 feet wide at top and gravelled; front and rear slopes 1½ to 1.

The inner slope from C.S. 2 to 9 except where revetment is provided will be turfed as the bank is high and soil not of good quality. From C.S. 3 to 5 a stone revetment is provided.

8. *Sluices.*—The third branch channel ends in this tank, a new sluice has been built at the head of a subsidiary offtake which will, in due course, be constructed. The other two sluices are in good order, only petty repairs being required.

Order—No. 474 I., dated 4th June 1896.

The following revised estimate is sanctioned in supersession of the estimate of Rs. 2,390 sanctioned by the Superintending Engineer, VI Circle :—

Irrigation.
43. Minor Works and Navigation.
Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.
Original Works.
Madura Division.

Repairing and improving Athalai tank, No. 141 of list of works appended to G.O., No. 407 I., dated 6th July 1887.

	Rs.
Estimate	4,590

2. This sanction is registered as No. 46 I. of 1896–97.

(True Extract.)

Under Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, VI Circle, with eight enclosures.
" Examiner, Public Works Accounts.
" Revenue Department.

Exd. C. M. Thumbusawmy.
Spare Copies

A No. 474 I, d 4th June 1896.

Public Works Dept.
Irrigation Branch.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date 4th June

Read the following

From Supdg Engr. VI Circle, No. 457 W.D. 9th May

The following revised estimate is sanctioned in supersession of the estimate of Rs 2390 sanctioned by the Supdg Engr. VI Circle:—

Irrigation.
43. Minor works maintg Minor works for which neither Capital nor Revenue Accounts are kept, P.W.D.
Original work.
Madura Dist.
Repairing & improving Athalai tank No 141 of list of works appended to G.O. No. 407. I., 6 July 87
Estimate Rs 4,59

This sanction is registered as No 46 1/97 96-97.

Rueda 22/5/96

16/5

4/

Estimate for repairing & improving Athalai tank, Madura Dist.

—

Report

to accompany the Revised Estimate for No 141. Athalai Tank. Madura Taluq.

Amount of the Revised Estimate Rs 4,590.

2. This is an Imperial, tank affecting the Railway, situated 7 miles north of Madura. It has an ayacut of 232 acres assessed at Rs 968. There are 23 minor tanks above it and 9 Imperial tanks below it. Most of these will be abandoned as soon as the Periyar water becomes available.

Repairs to the Athalai tank Estimate Rs 190 71/94-95 outlay Rs 194.
Emergent repairs to No 141 Athalai tank Date Rs 150 - 63/95-96 outlay to date Rs 117.

3. The original Estimate was sanctioned in Superintending Engineer's No 34 of 1892-93. Since then the marginally noted expenditure has been incurred.

4. No expenditure has been incurred against the original or revised Estimate except Rs 51. on the original Estimate on account of

To the Chief Engr for I.
Supdg. Circle with 8 enclos.
Sd T.S.R.
Rec'd Dept.

13/5

05116

Issue

Rueda 27/5/96

T.E.S. 4/6

5/6

Received

5/6

of teak wood shutters.

As this is one of the tanks which will not be abandoned when the Periyar water is let down, it is considered necessary to make more provision for the surplus waters, and section of bund than that is allowed in the original estimate.

5. Surplus arrangements. A new weir 200 feet long will be built at left flank.

The drainage area of the tank is 24 square miles. How much of this will be free after some of the upper tanks have been abandoned, it is impossible to say now.

6. The existing surplus sluice at left flank will be cut down to F. T. L. and the vents converted into notches closed with needle shutters.

7. Bund will be raised 4 feet above M. W. L. and will be made 6 feet wide at top and gravelled; front and rear slopes 1½ to 1.

The

The inner slope from ... 2 to 9 except where revetment ... provided will be turfed as the bank is high and soil not of good quality. From C.S. 3 to 5 a stone revetment is provid...

8. Sluices. The third ... channel ends in this tank, a ... sluice has been built at the head of a subsidiary offtake which will in due course be construct-ed. The other two sluices are in good order, only petty repairs being required.

W. Hughes
Supt. Engineer
Madura.
1-5-96

CHIEF ENGINEER FOR IRRIGATION. MAY 96 No.

No. 457 Irrd.

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE,

Trichinopoly, 1st January 1896.

27/2/96.

From

W. Loughes Esqr

The Sperintending Engineer,
6th Circle.

To

The Chief Engineer,

Pr Irrigation, Madras.

SIR,

ENCLOSURES. 5.
1. R. Sale with C. Sketches Complete
1. Longl. Section
1. cross Section
1. Plan of surplus weir
1. Plan of surplus sluices &c Applt Sketch.

I have the honor to submit for sanction a revised estimate amounting to Rs 4590 for repairing and improving No 141 Attaralai Tank in the Madura District.

2. An estimate of Rs 2390 was sanctioned by this office in 1892-93 but not carried out (except to the extent of some trifling emergent repairs) presumably because nothing was settled about the abandonment of tanks. It is quite clear now that all tanks of importance must be retained and this tank is one of the most important as the third branch channel ends in it and it will not only be a flood regulator but an important distributing reservoir and must be

900—20-1-96

made quite safe -

3. The original proposals were inadequate, the flood discharge to be provided for having been underestimated. The Sumpno as now calculated from Ryves' formula with a coefficient of 600 comes to nearly 4900 c ft a second to get rid of which there is a weir 70 ft long at the right flank, a sluice sumpno near left flank and a byewash 379 ft long. The Byewash being in bad soil has become much damaged and in fact useless as the ryots have to put a turf bund in front of it and it is proposed to replace it by a weir 200 ft long. The maximum flood level will be 3 ft above the weir crests and it is proposed to make the bunds ~~4 ft above~~ M.W.L. This is not too much as the tank is pretty large and deep and open to the north and the soil is not good - so it is advisable to do the work this year if possible, the Executive Engineer has been ordered to put the earthworks in hand in anticipation of sanction.

I have the honor to be
Sir
Your most obedient servt.

W. Hughes
Supt. Irrigation

P. W. D. 6th CIRCLE.

P. W. CORRESPT. No. 5024

CHIEF ENGINEER FOR IRRIGATION 4th MAY. 96 Dispatched No.

Encls 9 (4 Plans)

Recd: 3.6.96.

FROM

THE SUPERINTENDING ENGINEER,

6TH CIRCLE.

TO

THE CHIEF ENGINEER,

for Irrigation

NO. 457 Recd

Dated. 1 } May 1896.

Received.

2.

Enclosure. 5

Ro: 141. Athalai Tank
in Madura District
— Submitting for
sanction a revised
estimate of Rs 4,590
for repairing and
improving ——

No. 475 I., 4TH JUNE 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

READ—the following papers:—

From T. CHICHELE-PLOWDEN, Esq., C.S.I., Resident at Hyderabad, to the Chief Secretary to the Government of Madras, dated Hyderabad Residency, the 13th December 1895, No. 7032.

I have the honour to forward, for the information of the Government of Madras, a copy of a letter No. 1444, dated the 3rd December 1895, from His Highness the Nizam's Minister, together with its enclosures. They refer to the periodical opening of the scouring sluices of the Korugal anicut on the Hyderabad side of the Tungabhadra river in order that annual repairs may be carried out on the anicut on the British side of the river.

2. From the report under transmission you will observe that the Sub-divisional officer in the Public Works Department, Bellary Division, is of opinion that if the scouring sluices in the Korugal anicut are annually opened from 15th April to 20th May for the purpose of draining off the water, sufficient opportunity will be afforded for carrying out the annual repairs to the British anicut, and I shall be glad to know whether the Government of Madras accept the proposal and whether it may be made a permanent arrangement.

Endorsement from the Political Department, dated 18th December 1895, No. 3035.
Endorsement to the Supg. Engineer, III Circle, dated 21st Dec. 1895, No. III/34 B.C.
Letter from the Resident at Hyderabad, dated 16th March 1896, No. 1578.
Endorsement from the Political Department, dated 20th March 1896, No. 634.
Telegram to the Superintending Engineer, III Circle, dated 23rd March 1896, No. 20.
" from " " " 25th March 1896.
Endorsement from the Supg. Engineer, III Circle, dated 13th April 1896, No. 122.

From the Collector of Bellary, to the Superintending Engineer, III Circle, dated 9th April 1896, No. 1259.

In returning the papers received with your No. 2331, dated 29th January 1896, regarding the periodical opening of the scouring sluices of the Korugal anicut, I have the honour to forward a copy of a report from the Tahsildar of Hospet, dated 7th April 1896, No. 653. After consulting the local officials of His Highness the Nizam's Government and the principal ryots on either side of the river, he suggests that the period for opening the sluices should be from 15th January to 15th March instead of from 15th April to 20th May as originally proposed by the Tahsildar of Kopbal. As this arrangement is now accepted by all the parties affected, I have the honour to recommend its adoption.

ENCLOSURE.

From the Tahsildar of Hospet, to the Temporary Deputy Collector in charge of Hospet Division, dated 7th April 1896, No. 653.

With reference to the correspondence ending with your reminder No. 295, dated 1st April 1896, *in re* the opening of the scouring sluices of the Korugal anicut, I beg to report that I went to Kopbal on the 4th instant and in company with the Tahsildar and the Talukdar of that place arranged matters with the leading ryots of the Nizam holding lands under the channels below the Korugal anicut. Those ryots have no objection to the scouring sluices of their anicut being thrown open between Maghasudda Padyami and Palguna Bahula Amavasya corresponding to the period between 15th January and 15th March every year, provided water is let in once in 20 days for intervals of 8 days during which they can water the standing crop of sugarcane which will have been almost ripe.

2. I consulted also some of the leading ryots on the British side holding lands under the Basavanna and Roya channels, and they have no objection as well to the period proposed by the Nizam's ryots.

3. I consulted also the Sub-divisional officer, Public Works Department, as to the suitability or otherwise of the period proposed for carrying out the repairs, and he considers the arrangement a better one than what was already proposed.

4. I think the period now proposed is a most suitable one for carrying out both the anicut and channel works on both sides, and there should be little room for complaint if water is let in regularly at the intervals specified.

5. At the instance of the sub-divisional officer, I have requested the Tahsildar and the Talukdar of Kopbal not to throw open the scouring sluices of Korugal anicut this year, especially in view of the repairs now going on to the Hosakota anicut down below, the progress of which is likely to be impeded if water is let out through the sluices in question. I have informed the Nizam's authorities at Kopbal that in case they want to repair their channel, the only feasible way in which it could be done without opening any of the scouring sluices is to throw up or down at the head of the channel, which I know can be easily done. On hearing from the Taluk authorities of Kopbal, I shall submit a further report on the subject if necessary.

6. I submit two written statements—one signed by the Nizam's ryots and the Tahsildar and Talukdar of Kopbal, and the other signed by the British side ryots and myself.

—

No. 343.

Forwarded to Chief Engineer for Irrigation, together with a copy of the Tahsildar's report referred to, with reference to his endorsement No. III/34 B.L. of 21st December 1895, herewith returned.

2. The period now fixed has been approved by all parties concerned, and the regulations regarding the scouring sluices of the Korugal anicut had better be placed in the following unmistakable form: "The scouring sluices of the Korugal anicut shall be fully opened on the 15th January in each year, and kept open for 20 days. They shall then be closed for 8 days and re-opened on February 13th and kept open until March 5th, when they shall be finally closed."

(Signed) W. B. DEWINTON,
Supg. Engineer, III Circle.

4th May 1896.

—

No. 108.

Submitted to Government. It is recommended that the proposal made by the Superintending Engineer, III Circle, be approved.

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

19th May 1896.

ORDER—No. 475 I., dated 4th June 1896.

Approved and the Resident at Hyderabad will be informed accordingly.

[Here enter No. 476 I., dated 4th June 1896.]

(True Extract.)

Under Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation,
" Superintending Engineer, III Circle,
" Revenue Department,
} with copy of letter to the Resident at Hyderabad.

Exd. T. K. Narayana Aiyangar.
Spare Copies

IRRIGATION.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated June, 4th.

Read. *Encl.*

G.O. No. 475 I, 4th June 1896.

JUNE.

Korugal Anicut

The proposal made by the Superintending Engineer, III Circle, for the periodical opening of the scouring sluices of the — on the Hyderabad side of the Tungabhadra river between the 15th January and 5th March of each year for carrying out the annual repairs to the anicut, approved, and the Resident at Hyderabad ordered to be informed accordingly.

No. 476 I., 4TH JUNE 1896.

PUBLIC WORKS DEPARTMENT.

Irrigation.

LETTER—from

COLONEL R. R. E. DRAKE-BROCKMAN, R.E.,
Secretary to the Government of Madras,
Public Works Department,
Irrigation Branch,

To

THE RESIDENT AT HYDERABAD.

SIR,

With reference to your letters, Nos. 7032 of 1895 and 1578 of 1896, dated 13th December 1895 and 16th March 1896, respectively, I am directed to say that, instead of the period you propose for the periodical opening of the scouring sluices of the Korugal anicut, this Government is of opinion that it would be preferable if these scouring sluices are fully opened on the 15th January in each year and kept open for 20 days, and then closed for 8 days and re-opened on the 13th February and kept open until the 5th March, when they will be finally closed. I am to request that you will be so good as to inform me if His Highness the Nizam's Government approves of this arrangement.

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

(Signed) R. R. E. DRAKE-BROCKMAN, Colonel, R.E.,
Secretary to Govt., P.W.D.,
Irrigation Branch.

OOTACAMUND,
4th June 1896.

Exd. T. K. Narayana Aiyangar.
Spare Copies

IRRIGATION.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated June, 4th.

Recd. *Encl.*

No. 476 I., 4th June 1896.

JUNE.

Korugal Anicut

Stating that it would be preferable to have the periodical opening of the scouring sluices of the — between the 15th January and 5th March of each year, and requesting to be informed if this arrangement has the approval of His Highness the Nizam's Government.

(Copies)

REG'R NO. 3/259
20 JAN. 96
P.W.D.
BELLARY DIVISION.

No 1444.

Hyderabad Deccan
3rd December 1895.

EXECUTIVE ENGINEER,
REG'R NO: 6/245
P.W.D.
BELLARY DIVISION.

EXECUTIVE ENGINEER,
REG'R NO. 6/2029
15-1-96
P.W.D.
BELLARY DIVISION.

My dear Mr Tucker.

The Nazim of the Salar Jung Estate having complained against the action of the British authorities, in requiring the Estate to drain off the water collected within the Estate anicuts across the Tungabadra river adjacent to the village of Goorkal, in order to enable certain repairs to be executed to the British anicut across the same river extending from the British bank to a mound in the Centre of the river where the Estate anicut also ends. Mr Gamblett of the Public Works Department was deputed to proceed to the spot and report on the complaint.

2. I enclose a copy of Mr Gamblett's report with its enclosure, and beg to say that the Estate officials entirely agree with the recommendations made by

by Mr. Gumbell, and have directed the Nazim of the Estate to carry them out.

3. As the Estate authorities are of opinion that there should be a permanent arrangement as agreed to by the Tahsildars of Hospet and Kuppal, in order to avoid future misunderstanding and correspondence, I shall feel much obliged if you will kindly address the British authorities at Bellary in reference to the opening of the sluices for repairs to the respective anicuts.

CHIEF ENGINEER FOR IRRIGATION. 5 MAR 96 No.

Yours Sincerely
Sd Vikarul Umra.

A. L. P. Tucker Esqr. C.S.
First Assistant Resident.
Hyderabad

—

No

No 3000. H. H. the Nizam's D. W. D.
5th September 1895.

From,

The Superintending Engineer,
H. H. the Nizam's D. W. D.

To,

The Chief Engineer and Joint Secretary to Government, P. W. department.

—Enclosures—

EXECUTIVE ENGINEER REG'R NO. 5/745 17 96 P.W.D. BELLARY DIVISION

EXECUTIVE ENGINEER REG'R NO. 5/2029 15 4 96 P.W.D. BELLARY DIVISION

Sir,

In reference to your endorsement No 1714 dated 27th July 1895 on the Secretary to Government P. W. Dept. No 2579 dated 24th idem directing that I should inspect the anicut across the Toongabadra River at Koroogul in the taluk of Kopbul and report on the case, I have the honor to inform you that in accordance with your orders I proceeded to Kopbul by train on the 3rd August 1895 and arrived there on the morning of the 4th where I was met by the Talukdar and Tahsildar of Kopbul who had made all necessary arrangements. I then proceeded to Koroogul a distance of about 14 miles, the village

village of Korosgal is situated on the north bank of the Toongabadra River the site of the anicut being directly adjacent to the village. On my arrival at Korosgal and during my stay there the river was in full flood. There is a large island in the Centre of the river at this place - the river taking two Courses one on each side of the island, there are consequently two anicuts each being distinctly separate from the other, the anicut on the Kopbal side of the river abuts on the island and stretches across the river somewhat obliquely in a very sinuous manner the anicut being contained along the Korosgal bank of the river forming the retaining wall of the Commencement of the Channel, there is an head sluice or regulator built across the Channel near here, by which the amount of water entering the Channel can be regulated, in the Centre of the anicut about 1/2 way across the river are 3 openings or

Scouring

EXECUTIVE ENGINEER, REG'R NO. 17 96 P.W.D. BELLARY DIVISION

EXECUTIVE ENGINEER, REG'R NO. 1574/96 P.W.D. BELLARY DIVISION

scouring sluices in consequence of the flood these could not be seen but their position could be detected by the ends of the needle shutters that were used to close the openings standing above the water line. The anicut on the British or south bank of the river is very differently constructed, it crosses the river at right angles, and is quite straight as far as I could ascertain from the appearance of the surface of the overflow. one side of the anicut abuts on the island above alluded to the other side abuts on the south bank of the river, the village of Walavapore is situated close by. the Irrigating Channel on the British side of the river is named the Bruvana Channel and takes off its supply from the river about 300 yards further up the river away from the anicut. the Channel is also provided with head sluices for regulating its supply which is provided with shutters and screw gearing for opening and

shutting

shutting. It appears that the British authorities find it necessary to make frequent repairs to their anicut, almost every year something has to be done, these repairs generally consists in replacing revetment that has been washed away, refixing stones that have become dislodged in their places, and cement pointing to the face of the masonry, to do this work properly it requires about one month clear time, and it becomes necessary to drain off the water from the river through the scouring sluices of the Koroogul anicut as the scouring sluices in the British anicut (since the Koroogul anicut has been put in order) are insufficient to clear the river of water, the result is at the time when the necessary repairs have to be carried out there is always some trouble about letting out the water from the river so as to leave the anicut dry, the British authorities closing at a time when the Hospet authorities

authorities cannot spare the water but require it for their fields.

With the view of arriving at some understanding that would suit all parties I sent a special messenger down to Hospet to call the Tahsildar of that place up to Koroogul, the Officer came next morning and at a meeting on the spot before myself, the Talukdar of Kopbal, and the Tahsildars of Kopbal and Hospett, the Tahsildar of Kopbal stated he could open the sluices of his anicut for the purpose of repairs for a period of about 5 weeks from the 15th April to the 20th May. The Tahsildar of Hospett stated the channel in his Taluk under this anicut was the Busuvana Channel but there are several channels and they form a network the surplus water from one discharging into another the channels can be closed at different times at intervals of 15 days depending

upon

upon the nature of the crops ranging from the 1st February to the end of April but he was not prepared to say whether the Public Works Department could carry out their repairs during this time. I then telegraphed to Hospett pr the Sub divisional Officer P.W. Department Bellary Division to meet me at Hospett on my return journey where I should reach half the day and have an opportunity of settling with him what time he required that we should open our underslices. I met the Sub divisional Officer P.W. Department Bellary Division next day and he assured me that if the scouring sluices in the Koroogul anicut be opened from the 15th April to the 20th May to let the water out it would be all he required on our part to enable him to carry out the annual repairs of the anicut on the British side of the river.

Under these circumstances it is evident that the authorities in charge of

EXECUTIVE ENGINEER
REG'R NO. 1296
P.W.D.
BELLARY DIVISION.

of the Kopbal Estate are quite prepared to meet the views of the British authorities by opening the scouring sluices amply long enough to enable them to carry out all the repairing required, and if there is any difficulty at all, it lays with the Tahsildar of Hospett on the British side not seeing his way to allow more than 15 days at a time to close the channels. Under the circumstances it should be laid down as a rule that the scouring sluices on the Koroogul side of the anicut cannot be opened pr the purpose of drawing off the water except between the 15th April and the 20th of May, and the local revenue and P.W. officers on both sides should mutually arrange pr the opening, and closing of the sluices between these dates, when they require it. I do not see that there can be any difficulty about it.

I

I enclose a statement taken down at the meeting signed by the Tahsildars of Hospett and Kopbal wherein the Tahsildar of Kopbal agrees to open the sluices between the 15th of April and the 20th may annually if required.

I may mention that the Banks of the Koroopul Channel as far as I went are covered with brushwood trees and jungle making it impossible for inspecting officers to walk or ride along the channel banks, and thus see at a glance what is required for the improvement and up keep of this valuable property. I recommend that this jungle and brushwood be cleared off and a footpath or a bridle path maintained. The 3 scouring sluices in the anicut also require sluice gates and screw lifting gearing, at present these scouring sluices are opened or shut with great difficulty, and expense heavy logs or planks are filled in vertically they swell or jamb in their groves, and it is almost impossible to remove them when necessary the same system has been adopted on the head sluices and scouring sluices along the channel.

I recommend that proper sluice gates be provided for the scouring sluices in the anicuts, and for the present deep scouring sluices in the channel near the head sluice all smaller scouring sluices and discharge openings for flood waters should be filled with horizontal shutter boards, these can be made to form water-tight joints, and do not jamb in their groves like vertical planks and can be easily removed and replaced when necessary.

I enclose index plan showing site of anicut, and course of channel passing the villages of Tumlapoor

Rampoor

Rampoor, Sugamaishwara,
Moonoor and Hoosholi for reference.

Thanks &c,
Sd D. Gamble.
Superintending Engineer
H.H. the Nizam's P.W.D.

EXECUTIVE ENGINEER, REG'R NO. ____ P.W.D. BELLARY DIVISION.

Koroogal 5th August 1895.

Meeting before Mr. Gamble regarding the Irrigation Channels at Koroogal and the Channels in the British Territory.

Present.

Talukdar of Koopal
Tahsildar of Koopal
Tahsildar of Hospett.

The Tahsildar of Kopbul says he cant open the scouring sluices of the Koroogul ancient as it would deprive the Irrigation Channels of water. The only time this can be done is for a limited period of about 5 weeks from the 15th of April to the 20th May.

The Tahsildar of Hospett says the Channel under the ancient is the Busmana Channel but there are several Channels and they form one network - the surplus water of one discharging into another. The Channels can be closed at different times at intervals of 15 days depending upon the nature of crops ranging from the 1st February to the end of April but he is not prepared to say whether the Public Works Department could carry out the repairs during this time.

EXECUTIVE ENGINEER, REG'R NO. 12 P.W.D. BELLARY DIVISION. 15/4/96

EXECUTIVE ENGINEER, REG'R NO. 1029 P.W.D. BELLARY DIVISION. 15/4/96

Sd M. Sambasiva Rai,
Tahsildar of Hospett.

Sd B. Hanamantrao,
Tahsildar of Kopbul

(True Copies)

Sd/-
Superintendent
Issue Branch, Resident's Office

AS

FOR IRRIGATION.
13 DEC 95
EXECUTIVE ENGINEER
REG'R NO. 215
20 JAN 96
P.W.D.
BELLARY DIVISION.
CHIEF SECRETARY'S
16 DEC. 1895
GOVERNMENT OF MADRAS
EXECUTIVE ENGINEER
REG'R NO.
P.W.D.
BELLARY DIVISION.
Pol 8
582 12/95
1895
Pol Dept.
Enclos. No. 1
To 1798
C. No.

1798

Political Office.

No. 7032 of 1895.

FROM J. Michele Howden Esquire, C.S.I.

RESIDENT AT HYDERABAD,

To The Chief Secretary to the Government of Madras.

Madras.

DATED HYD. RESIDENCY, THE 13th December 1895.

EXECUTIVE ENGINEER
REG'R NO. 4543
17 JAN 96
P.W.D.
BELLARY DIVISION.
EXECUTIVE ENGINEER
3/2025
15/4/19

SIR,

I have the honor to forward, for the information of the Government of Madras, a copy of a letter No. 1444, dated the 3rd December 1895, from His Highness the Nizam's Minister together with its enclosures. They refer to the periodical opening of the scouring sluices of the Koroogal anicut on the Hyderabad side of the Tungabadra river in order that annual repairs may be carried out on the anicut on the British side of the river.

2 From the report under trans-
mission you will observe that the Su-

officer in the Public Works Department, Bellary Division, is of opinion that if the scouring sluices in the Korvogal anicut are annually opened from 15th April to 20th May for the purpose of draining off the water, sufficient opportunity will be afforded for carrying out the annual repairs to the British anicut, and I shall be glad to know whether the Government of Madras accept the proposal and whether it may be made a permanent arrangement.

I have the honor to be,
Sir,
Your most obdt Servt

T. Chicheley Plowden
Resident
Cud

EXECUTIVE ENGINEER
REG'R NO.
PWD
BELLARY DIVISION
CHIEF ENGINEER
FOR IRRIGATION.
No.

1798

P.W.D. ENGINEER BELLARY DIVISION

From

The Resident at Hyderabad

ENGINEER FOR IRRIGATION. C. MADRAS

No 7032

Dated 13. 12. 95
Rec'd 16. 12. 95
Rep 17. 12. 95

Encl-1

Subject

Forwg copy of a letter from the Nizam's Minister regg the periodical opening of the scouring sluices of the Korogal anicut on the Hyderabad side of the Tungabadra river

P. W. CURRENT No. 1023/95

703 W.S.
24/12/95. Encl 1

Ans: 20-12-95

Encl No: 3035

Transferred to the Public Works Department.

C.S. 18/12/95 W. W. Philips Ag Assistant Secretary.

Fort St. George 18th December 1895.

Dated 13-12-95
Rec'd 16-12-95
Rep 17-12-95

Encl-1

Subject

Forwg copy of a letter from the Nizam's Minister regg the periodical opening of the scouring sluices of the Korogal anicut on the Hyderabad side of the Tungabadra river

To as/

The Public Works Dept. No 3412 dt 19.12.95 — Forwarded in original (to be returned) to the Supt Engr III Circle for early report.

Rhodes 12.1.96

Chief Engineer for Irrigation

P. W. CURRENT No. 372

Political Office.

No. 1578 of 1896.

FROM

J. Michele. Plowden Esquire, C.S.I.

RESIDENT AT HYDERABAD,

TO

The Chief Secretary to the Government of Madras.

Madras.

Dated Hyderabad Residency, the 16th March 1896.

UNDER SECRETARY 18 MAR 96 PUBLIC & TR. DEPTS.

SIR,

I have the honor to invite your attention to my letter No. 7032, dated the 13th December 1895, regarding the periodical opening of the scouring sluices of the Korogal anicut on the Hyderabad side of the Tungabadra river in order that annual repairs may be carried out on the anicut on the British side of the river.

2. I shall be glad to be informed at your early convenience whether the Government of Madras are able

R.G.P., No. 2030—1896

able to accept the proposals therein contained.

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

T. Churchill-Rhoden
Resident.
Cd

372

From The Resident
Hyderabad

Dated 16/3
Recd 18/3
Repd 19/3
96

No 1578

Subject

Requesting to be informed, at an early date with reference to his letter No 7032 Dt 13-12-95, whether the Govt of madras are able to carry out annual repairs on the Koroogal anicut on the British side of the Tungabadra river.

P. W. CURRENT No. 287

5023/96

Recd: 21-3-96

Endt No 634 dt 20-3-96.

Transferred to the Public Works Department in continuation of this Endorsement No. 3035 dated 19th December 95.

W D Phillips
Asst Secretary.

C.S. 19.3.96

× Rec 1024 = Sent to Office on 20-12-95

21.3.96

Sent to Secy III with Endt No 34 B.L dt 21 March 96.

Mch

To
The Public Works Deptt.

Papers

21-3-96

Secy

Draft letter to Resident published

Dft

Defered telegram

To Bellary.

To The Supdg. Engineer, Third

No 20. Reply to my num
34-B.L. twenty-first Dece
-ber last regarding Kooroo
-gul Ancient urgently wan

23/3

Dispd
24-3-96

Duplicate telegram

From (Office) Bellary

Time.	Official Instructions.
40	Rd.

From (Person) Superintending Engineer 3rd Circle

Telegram number twenty fourth instant as referred to. Col remarks reply and

MADRAS 25-3-96

LN.	Sent to	LN.
Mts. by	At Hrs. Mts. by	

Telegraph Master.

C & P—No. 641—2 9 95—20000

No 4092

Superintending Engrs office
3rd Circle
Bellary 30 March 1896

From

W. B. de Winton Esqr
Supdg Engr, III Circle

To

The Collector of Bellary

Sir

I have the honor to enclose a copy of telegram received from the Chief Engineer for Irrigation and to request that you will be good enough to reply to the marginally noted reference regarding the periodical opening of the scouring sluices of the Korajal Channel

No 3331
25/2/96

I have &c
W.B. de Winton
Supdg Engr III Circle

Urgent

Copy forwarded to the Divisional officer Hospett in continuation of this office Ref No 297 dated 28th Feb 1896 for immediate report on the steps taken in the matter. The whole file of correspondence has been forwarded to him. This should be treated as specially urgent.

for Collector

/Issue copy/

Ref. on C. ho $\frac{277}{95}$. of 31. March 1896.

Communicated to the Supt g.
Engineer with reference to his ho 4092
dated 30th March 1896.

/s/ J A Coleridge
for Collector.

No. 122
13-4-96

Communicated to the
Chief Engineer for Irrigation
in continuation of this office
Telegram of the 25th ultimo.

W H Chisholm
11-4

Superintending Engineer
3rd Circle

From W. B. De Winton Esqre
The Superintending Engineer,
IIIrd Circle,
Bellary.

To
The Chief Engineer
for Irrigation
Madras

CHIEF ENGINEER
FOR IRRIGATION.
20 APR. 96
No. 11 B. L.

Dated 13th April 1896.
Received

Enclosures.

No. 122

Subject.

Periodical opening of the Scouring Sluices of Korigal anicut

Informing that the file of correspondence regarding — has been referred to the Divisional officer Hospet for immediate report —

PWS. 3
5328/96

4751

Letter No: 1259 dated 9th April from the Collector of Bellary to the Supdg. Engineer, III Circle, Bellary.

In returning the papers received with your No: 2331 dated 29th January 96 regarding the periodical opening of the Scouring sluices of the Korigal anicut, I have the honour to forward a copy of a report from the Tahsildar of Hospet dated 7th April 96 No: 653. After consulting the local officials of His Highness the Nizam's Government and the principal ryots on either side of the river, he suggests that the period for opening the sluices should be from 15th January to 15th March instead of from 15th April to 20th May as originally proposed by the Tahsildar of Hospet. As this arrangement is now accepted by all the parties affected, I have the honour to recommend its adoption.

No: 343 Encl 3
4-5-96

Forwarded to Chief Engineer for Irrigation

Irrigation together with a copy of the Tahsildar's Report referred to with reference to his endorsement No: III/3413-L of 21st December 95 here - with returned.

2. The period now fixed has been approved by all parties concerned and the regulations regarding the scouring sluices of the Korugal ancient had better be placed in the following convenient form.

"The Scouring sluices of the Korugal ancient shall be fully opened on the 15th January in each year, and kept open for 20 days. They shall then be closed for 8 days and reopened on February 13th and kept open until March 5th, when they shall be finally closed."

K B Ch Somiah

Superintending Engineer,
III Circle.

Jls 2
502 2/96

27/4

CHIEF ENGINEER FOR IRRIGATION. 5 MAR 96 No.

Letter No: 653 dated 7th April 1896 from the Tahsildar of Hospet to the Temporary Deputy Collector in charge of Hospet Dy.

With reference to the correspondence ending with your Memorandum No: 295 dated 1st April 1896, in re the opening of the scouring sluices of the Korugal ancient, I beg to report that I went to Kopbal on the 4th instant and in company with the Tahsildar and the Tahsildar of that place arranged matters with the leading ryots of the Nuzam holding lands under the channels below the Korugal ancient. Those ryots have no objection to the scouring sluices of their ancient being thrown open between Magha Sudda padyami and Palguna Bahula amavasya corresponding to the period between 15th January and 15th March every year provided water is let in once in 20 days for intervals of 8 days during which they can water the standing crop of sugercane which will have

From F. B. DeWinton Esqre
The Superintending Engineer,
IIIrd Circle,
Bellary.

To
The Chief Engineer
for Irrigation
Madras

Dated 4th May 1896.
Received

Enclosures. 3

No. 343

Subject.

Periodical opening of the sluice gates of the Koregal tunnel on the Hyderabad side of the Nagarjunasagar Project.

In forming the period fixed Jan— has been approved by all parties

No. 4752, dt 4th June 1896.

PUBLIC WORKS DEPARTMENT.
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

Pink letter.

Letter from the Resident at Hyderabad - (His No. 7032 of 1895, dated 13.12.95)
Endorsement from the Political Dept. (His No. 3025, dated 18.12.95).
Endorsement to the Superg. Engr. Third Circle. (His No. III/34-BC dated 21.12.95).
Letter from the Resident at Hyderabad (His No. 578 of 1896, dated 16.3.96).
Endorsement from the Political Dept. (His No. 634, dated 20.3.96).
Telegram to the Supg. Engineer, Third Circle. (His No. 20, dated 23.3.96).
—do— from —do— dated 25th March 1896.
Endorsement from —do— (His No. 122, dated 13th April 1896).
Endorsement from —do— (His No. 343 dated 4th May 1896).
No. 108 of 19.5.96

Submitted to Government. It is recommended that the proposal made by the Superg. Engr. Third Circle, be approved.

13/5

Order thereon.

Approved and the Resident at Hyderabad will be informed accordingly.

No. 4762, dt 4th June

To The Resident at

Sir,

With reference

DESPATCHED
23 JUN 96

A.SH
26.5.96

To The Chief Engr for Irrigation with copy of letter to the Resident at Hyderabad.
" Supg. Engineer, Third Circle. —do—
" Revenue Dept. —do—

1032 of 1895 and 1578 of 1896
dated 13 December 1895 and 16th
March 1896 respectively, I am
directed to say that, instead of
the period you propose for the periodical
opening of the scouring sluices
of the Korosful Ameut, this Govt.
is of opinion that it would be
preferable if these scouring sluices
are fully opened on the 15 January
in each year and kept open for
20 days, and then closed for 8 days
and re-opened on the 13th February
and kept open until the 5th March
when they will be finally closed. I
am to request that you will be so
good as to inform me if His Highness
the Nizam's Govt approves of this arrange-
ment.

Rnedds
19/5/96

DESPATCHED
23 JUN. 96

Form No 1—1,000-27-11-95.

P.W. CURRENT No. 57

P.L.C. No 10218 of 95
Encl 28720 of 1995
Recd: 3.6.96

Permitted opening of the
scouring Sluices of the Borough
Council on the Redented side of
the Tongabeda river forming
ing part the annual repairs
to the Ancient.

Issue
Rec'd
29/5
96

05107

PUBLIC WORKS.