

P. W. G. no 13

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11

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From G. T. WALCH, Esq., Officiating Superintending Engineer, First Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 24th July 1883, No. 184 G.N.

With reference to paragraph 8 of G.O., No. 3211 W., dated 6th December 1882,

- 1 Plan.
- 1 Estimate with Specification Report.
- 1 Copy of letter, No. 18 C., dated 24th January 1883.

I have the honor to forward, herewith, for sanction, a plan and estimate* for constructing a vented road dam across Moosaliah Geddu in the Chicacole Circle.

* Amounting to Rs. 5,560.

2. I submit herewith, for your information, a copy of my letter, No. 18 C., dated 24th January 1883, to the President, Local Fund Boards, Ganjam District, with reference to former design.

3. The estimate for diverting the course of the Geddu by a new cut has been returned to the Local Fund Boards, Ganjam District, as no sections from which it could be checked were received.

ENCLOSURE.

From G. T. WALCH, Esq., Officiating Superintending Engineer, First Circle, to the President of the Local Fund Boards, Ganjam District, dated Gopálpur, 24th January 1883, No. 18 C.

With reference to your endorsement, No. 2534, I have the honor to say that I had hoped soon to visit the site of the proposed work across the Moosaliah Geddu, and to look into some of the details on the spot, but finding this impossible, I now return all the accompaniments of your endorsement with my opinion as based on the information contained in the plans and my recollection and notes as regards the place which I saw last March.

2. I consider the general design for the vented causeway suitable, but would make the following remarks and suggestions as to details, viz.:—

- (a) Make the foundations of piers and abutments instead of separate strips of concrete and rubble of one continuous platform of concrete, formed between the piers to the shape of inverts with 2 feet versed sine, as indicated on the plan in pencil. NOTE.—It would be impossible to take out the foundation trenches so that any undisturbed earth could be left between the foundations of the piers as designed, and the spaces would only have to be filled in with "made" earth or sand, and the floor above would then certainly crack.
- (b) Dispense with the "rough stone in chunam flooring" altogether. This of course only if suggestion (a) be adopted; if not, then the "flooring" is necessary, but should be kept as low as possible.
- (c) Put a carefully packed rough-stone apron, 10 feet wide and 1 foot 6 inches thick, on both sides, up and down stream, of the work, formed of course to the same shape as the concrete floor.

- (d) Increase the height of the piers by 1 foot, that is, make the springing "ordinary flood level 30.50."
- (e) Make the filling of the spandrels of concrete instead of brick-work.
- (f) Substitute for the piers and close crossed railings wooden post with merely two longitudinal bars between them, which will offer little obstruction and will be easily washed away when it is advisable they should go.
3. I have shown the alterations proposed in pencil on the plan and in red ink on the estimate.
4. The substitution of concrete for rubble masonry will, to the extent it goes, facilitate the work, as less skilled labor is required for the former than the latter; but the concrete work should have careful supervision to ensure its being properly made, mixed, spread and rammed, and I have entered in red ink on the "specifications" returned some notes about it.

Memorandum by the Chief Engineer, Public Works Department.

Submitted for the sanction of Government.

2. This design is adopted, it is presumed, to save the expense of an ordinary bridge with sufficient waterway, &c. It is also presumed that the concrete mass will be carried down to firm soil throughout. The apron, 1 foot 6 inches thick, resting apparently on the river bed, will be subject to a severe scouring action, and is, it is feared, hardly thick enough or sufficiently founded. These points, however, have presumably been considered by the Superintending Engineer. A cross section of river at site should have been submitted.

OOTACAMUND,
8th August 1883.

(Signed) R. H. SANKEY, Major-General, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 8th August 1883, No. 2187 W., Public Works.

The estimate, amounting to Rs. 5,560, for constructing a vented road dam across the Moosaliah Geddu, in the Chicacole Circle, is sanctioned.

2. This sanction has been registered as Local No. 24 W. of 1883-84.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Board of Revenue, with three Enclosures.
" Superintending Engineer, First Circle.
" Accountant-General.
" Financial Department.

Exd. A. Aubert.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated August, 8th.

Recd.

Encl.

G.O., 8th Aug. 1883, No. 2187 W.

AUGUST.

Vented Road Dam

Estimate for constructing a — across the Moosaliah Geddu, in the Chicacole Circle, sanctioned.

This design is adopted it is
to save expense of an ordinary
bridge with sufficient waterway etc.
It is also presumed that the con-
crete mass will be carried down
to firm soil throughout. The apron,
16" thick, resting apparently on the
river bed, will be subject to a severe
scouring action & is I fear hardly
thick enough for a sufficiently founded.
However S. E. has presumably considered
all this. A cross section of river at site
up to here has been sent in —
Sanctioned.

(A)
3/8.

Public Works Department, 1883-84.

Current No. 6468

Letter No. 154 ST

Dated the 24th July 1883

From the Supg Engrs 1st Circle

NOTE OF REMARKS.

1. The enclosed plan and estimate provide for the construction of a 'vented road-dam' across the Moosaliah Geddu in the Chicacole circle. Amount of estimate is Rs. 5,500.
2. This work is to supply the want of a bridge washed away in 1878. The bridge was one of 3 arches and its destruction is attributed to insufficient water-way and to the nature of the soil on which the foundations rested.
3. An examination of elevation and long. section shows the ordinary and extraordinary flood levels as they stand in the natural water-way. Of course these levels will stand much higher in the contracted, or rather obstructed water-way and the currents much stronger from the contraction — to the extent of destroying the structure — in all probability —

Subm. Engrs. Dept.

No. 184 G. N. 91

FROM, THE SUPERINTENDING ENGINEER
FIRST CIRCLE.

TO, THE CHIEF ENGINEER P. W. Department
FOR IRRIGATION.

Enclosure.
Plan -
Estimate with
specification of work.
Copy of letter
no. 24-1-83.

Recd the following papers -
DOWLAISHWERAM, 24th July 1883

SIR,

With reference to Para 8 of G. O. No. 3211 W. dated 6th December 1882, I have the honor to forward herewith for sanction a Plan and Estimate for constructing a vented Road-dam across Mossaliah Gedda in the Chicacole Circle.

2. I submit herewith for your information a copy of my letter No. 24-1-83 dated 24-1-83 to the President L. F. Board Ganjam District with reference to former design.

3. The estimate for diverting the course of the Gedda by a new cut has been returned to the Local Fund Board Ganjam District as no sections from which it could be checked were received.

I have the honor to be,
Sir,
your most obedient
C. P. B. B. B.

Offr. Supr. Eng. 1st Circle.

Compd SK

the upper part of which is not very strong.
4. Subject to approval, a bridge of 3 arches of 30ft or 35ft span with piers and abutments of sufficient depth and strength of foundation and concrete flooring with retaining walls, would be better suited for the object in view. To secure more water-way the arches may be semi-elliptical and the flooring inverted.

2nd Augt/83
SK

a 3211 w 6.12.82

From J.W.C. No. 6468

The Sup^r Engineer
1st Circle

To

The Chief Engineer
P. W. Department

Dated 24th
Despatched 26th } July 1883
Received 1/8/83

No. 184 G. A.

Enclosure 3

Vented Road-dam
across Moosaliah Gadda
in the Chicacole Circle
Plan and Estimate
for Constructing a —
Submits — for
Sanction.

Ed 6.8

5/16/1 Ret. 2/18

Further
action
required



No. C
18

FROM

THE OFFG. SUPERINTENDING ENGINEER
1st Circle
GODAVERY DISTRICT.

TO

THE PRESIDENT

LOCAL FUND BOARDS.

Ganjam
GODAVERY DISTRICT.

Encls.

Copalgore
Dowlaisheeram, 24th January 1883.

SIR,

With reference to your endorse-
ment No. 2534, I have the honor to say
that I had hoped soon to visit the site
of the proposed work across the Moosa-
liah Gadda & to look into some of the details
on the spot but finding this impossible
I now return all the accompaniments of
your endorsement with my opinion as
based on the information contained in
the plans & my recollection & notes as re-
gards the place which I saw last March.

I consider the general design
for the vented causeway suitable but
would make the following remarks &
suggestions as to details (viz)
(a) Make the foundations of piers & abut-
ments instead of separate strips of con-
crete & rubble of one continuous platform.

Subm. Recd. High.

of concrete, formed between the piers to the shape of inverts with 2' versed sine, as indicated on the Plan in pencil - Note; it would be impossible to take out the foundation trenches so that any undisturbed earth could be left between the foundations of the piers as designed, & the spaces would only have to be filled in with "made" earth or sand & the floor above would then certainly crack - (b) Dispense with the "rough stone in chumam flooring" altogether.

This of course only if suggestion (a) be adopted, if not then the "flooring" is necessary but should be kept as low as possible.

(c) Put a carefully packed rough stone apron 10' wide & 1'-6" thick on both sides, up & down stream, of the work formed of course to the same shape as the concrete floor.

(d) Increase the height of the piers by 1 foot - that is, make the springing "Ordinary flood level 30.50"

(e) Make the filling of the spandrels of concrete instead of brick work.

(f) Substitute for the piers & close crossed railing, wooden posts with merely two longitudinal bars between them - which will offer little obstruction & will be easily washed away when it is advisable they should go.

3. I have shown the alterations

proposed in pencil on the plan, & in red ink on the estimate.

4. The substitution of concrete for rubble masonry will to the extent it goes facilitate the work as less skilled labor is required for the former than the latter, but the concrete work should have careful supervision to ensure its being properly made, mixed, spread & rammed - & I have entered in red ink on the "Specification" returned some Notes about it.

I have & see

/s/ G. J. Walsh

Offg. Sup. Eng. 1st Circle

(True Copy)

Jm

Offg. Sup. Eng. 1st Circle.

Compd.
G.J.

P. H. Dept.



Memorandum by the Chief Engineer,
P. H. Department.

Letter from the Superintending Engineer First Circle
No. 184 G. S. dated 24th July 1883.

Submitted for the
sanction of Government.

2. This design is adopted
it is presumed to save
the expense of an ordi-
nary bridge with
sufficient water way ^{sea}.
It is also presumed that
the concrete mass will
be carried down to firm
soil throughout. The
apron, 1'-6" thick,
resting apparently on
the river bed, will be
subject

FROM

THE OFFG. SUPG. ENGINEER
1st Circle
Bombay District.

TO

THE PRESIDENT

Local Fund Boards.
Bombay District.

Dated

Received

187

No.



subject to a severe scouring
action, and is, it is feared,
hardly thick enough or
sufficiently founded -
These points however
have presumably been
considered by the Super-
intending Engineer - a
cross section of river at
site should have been
submitted.

Cy

Cy
4/9

Obtained }
8th August 1883 }

✓

No 2187W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 8th Aug 83
Read the following

From

The Superintending } (H.C. Dec. 184 S. A. of 2, 4th
First Circle } July 1883.

Memorandum by the } (a — of 8 August 1883)
Chief Engineer, P. & D. }

The estimate amounting
to Rs 5560 for constructing
a vented road dam
across the Moosaliah
bedder in the Chicacole
Circle, is sanctioned.

2. This sanction has
been registered as Local
No. 24 S. of 1883-84.

Board of Rev. }
with 3 Cms. }
Supergr. First Circle }
Accountant General }
Financial Department }

per
15/8

Cy

Cy
4/9

6/8/83

7C

B no 33-18; 1.84

F - 8574

B Required
8/10

Brul
20

6468
Govt. of (1883) Madras.

PUBLIC WORKS.

Dated

Recd.

Encl.

G. O., 8 Aug 1883, No. 2187

Nos.

7
Went to road dur
Estimate for Aug
a across
Moosaliah Gedda
in the Chicacole
Sanjiv

Log/s

Embd. in Rept. Regis

P.W.D.
Pros of the Madras Govt
Read the following

16TH JULY 1883, No. 1508, FINANCIAL.

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

READ—the following papers :—

Proceedings of the Board of Revenue, dated 23rd January 1883, No. 177.

ABSTRACT.—Submitting for orders of Government Local Fund Budget Estimate of the Chicacole Circle in Ganjam District for 1883-84.

Proceedings of the Board of Revenue, dated 12th April 1883, No. 1029.

ABSTRACT.—Submitting to Government letter from President furnishing further information in connection with the Local Fund Budget of the Chicacole Circle in Ganjam District for 1883-84.

Proceedings of the Board of Revenue, dated 7th May 1883, No. 1280.

ABSTRACT.—Submitting to Government remarks of the Director of Public Instruction on the educational portion of the Local Fund Budget of the Chicacole Circle in Ganjam District for 1883-84.

ORDER—dated 16th July 1883, No. 1508, Financial.

The estimated receipts and charges of the Chicacole Local Fund Circle for 1883-84 are compared below with the Regular Estimate for 1882-83 and the actuals for 1881-82 :—

RECEIPTS.

	Actuals, 1881-82.	Regular Estimate, 1882-83.	Proposed Estimate, 1883-84.
	RS.	RS.	RS.
Balances—			
Road Fund	46,505	46,550	37,190
General Fund	19,722	16,900	8,670
Allotments from General Revenue—			
Special Funds	2,286	3,500	3,500
Cess on Land	65,250	65,000	65,000
Tolls	2,975	2,350	2,350
Fees in Schools	41	200	300
Contributions from other Circles, &c. ..	95	..	..
Receipts from Endowments, &c. ..	1,453	1,360	1,360
Miscellaneous	2,984	2,410	2,280
Total ..	1,41,311	1,38,270	1,20,650

Subd. in Rept. Regis

CHARGES.

	Actuals, 1881-82. RS.	Regular Estimate, 1882-83. RS.	Proposed Estimate, 1883-84. RS.
GRANT I.			
New Works—			
Communications	7,616	6,150	24,240
Buildings	450	160	..
Miscellaneous Public Improve- ments	37	130	..
Repairs—			
Communications	36,790	41,910	40,880
Buildings	508	2,150	500
Miscellaneous Public Improve- ments	780	500	500
Engineering Establishment	2,922	6,200	8,550
Tools and Plant	1,644	1,150	500
Road Fund Reserve	..	..	4,790
Miscellaneous	..	300	300
GRANT II.			
Inspection	1,725	2,200	2,270
Training Schools	..	1,470	1,460
Local Fund Schools	6,483	7,330	7,150
Results Grants	4,798	5,000	5,000
Miscellaneous	235	230	230
GRANT III.			
Hospitals and Dispensaries	4,374	4,780	5,700
Contribution to Medical College	..	370	370
Do. to Sanitary Inspection	..	..	370
Vaccination	2,107	2,480	2,700
Sanitation	2,984	5,150	5,200
Travellers' Bungalows	290	300	300
Miscellaneous	988	1,400	1,550
GRANT IV.			
Establishment	3,133	3,050	3,130
Miscellaneous Debt Account	3	..	..
General Reserve	..	..	1,210
Balances—			
Road Fund	46,547	37,190	3,750
General Fund	16,897	8,670	..
Total ..	1,41,311	1,38,270	1,20,650

2. *Regular Estimate for 1882-83.*—The increase of Rs. 15,424 in the opening balance of the regular estimate over that of the sanctioned budget is ascribed to short expenditure under Grant I in 1881-82. The Cess on Land is estimated at the same figure as in the budget, the anticipated collections forming 89 per cent. of the total demand. The sum of Rs. 20 shown as interest on arrears of Land-cess should appear under "7, Miscellaneous" and not under "Land-cess." Under Tolls the receipts are estimated as Rs. 2,350, which is said to be a moiety of the amount realized in the sale by the Chicacole Municipality. It is observed, however, that the amount shown in the regular estimate of the Chicacole Municipality is Rs. 2,440. The difference should have been explained. In other respects the Board's revision of the regular estimate is approved.

3. *Budget Estimate for 1883-84.*—The estimated receipts for 1883-84 follow closely on the lines of the regular estimate and call for no special remarks. The Government observe, however, that the anticipated arrear collections under Land-cess form only 51 per cent. of the demand, which is not satisfactory; and that the amount assigned in the Chicacole Municipal Budget as the share of Tolls revenue due to the Local Fund Board is Rs. 2,400, whereas the Board take credit for no more than Rs. 2,350. Under Charges a sum of Rs. 24,240 is provided for New Works, including Rs. 22,030 for five new roads, of which three are sanctioned works and are already in progress. The estimates promised for the remaining two should be expe-

ditioned and sanction obtained before the works are commenced. Ample provision is made for the repair of Communications. The provision for Local Fund Engineering Establishment includes, as in the previous year, a charge of Rs. 2,130 for the supervision of roads in the Parlákimedi Estate. As, however, it appears since to have

* Board's Proceedings, 12th April 1883, No. 1029. been decided * during the current year to make over to the Estate Engineer all the roads in the estate, together with the Road

Fund share of the Land-cess collected in it, the provision will require revision, which the Board of Revenue will effect as soon as the proposals promised are received.

4. Under Grant II, the provision for Local Fund Schools will be raised to Rs. 7,150 with reference to paragraph 3 of the Board's Proceedings, dated 7th May 1883, No. 1280. The increased allotment for results grants is noted. In paragraph 11 of his letter, submitting the budget, the President states that the share of the cost of the Collector's and Audit establishments as revised is Rs. 394 and Rs. 284, respectively; but it is not explained when and how this revision of the establishment was carried out. On the other hand, the revised proposals called for in G.O., 11th December 1882, No. 1923, have not as yet been submitted to Government.

5. The remaining items call for no remark, but the Government note that the condition of the General Fund is unsatisfactory, and the Board of Revenue will report whether in the circumstances it would be advisable to transfer the receipts from Pound Fund and ferry rents, amounting to Rs. 2,200, from the Road to the General Fund.

6. With these remarks the Right Honorable the Governor in Council passes the Budget Estimates of the Chicacole Local Fund Circle for 1883-84.

(True Extract.)

E. S. LAFFAN,
Acting Under Secy. to Govt.

To the Board of Revenue, with enclosures.

„ Revenue Department, } with Board's Procs., dated 23rd Jany. 1883, No. 177.
„ Public Works Department, }
„ Surgeon-General with the Government of Madras.
„ Sanitary Commissioner for Madras.
„ Director of Public Instruction.
„ Accountant-General.
„ President of the Municipal Commissions, Ganjam District.

Exd. J. Henricus.

Gobt. of (1883) Madras.

FINANCIAL.

Issued

Recd.

Encl.

G.O., 16th July 1883, No. 1508.

N^o 2128 Wd / 2^d August / 83

JULY.

Recorded

(Sd) C. B.

Supt. Engineer
First Circle
Examiner P.W. Accounts.

Local Funds—Budgets.

Reviewing the Budget Estimates of the Chicacole Local Fund Circle for 1883-84.

BOARD OF REVENUE, 10TH DECEMBER 1883, No. 3736.

PROCEEDINGS OF THE BOARD OF REVENUE.

READ—the following letter from E. J. SEWELL, Esq., Vice-President, Local Fund Board, Chicacole Circle, to the President, Local Fund Boards, Ganjam, dated Chicacole, 10th October 1883, No. 375 :—

With reference to your foot-note, dated 28th September 1883, to the Proceedings of the Board of Revenue, dated 8th August 1883, No. 2296, I have the honor to state as follows.

2. Paragraph 2 of the Board's Proceedings. The reason for the difference between the Local Fund and Municipal regular estimates for 1882-83 in regard to tolls is that in the former was entered only half of the amount for which the tolls of the year were sold; no collection of arrears was anticipated by the Circle Board. The Municipal Commissioners anticipating the realization of arrears included them in their estimate of the yield of tolls. On this subject I would refer you to my letter, dated 28th August 1883, No. 294.

3. With reference to the difference between the two budget estimates, the tolls for the current year had not then been sold, and the Local Fund Board thought that the receipts would not exceed the last year's figure, and therefore repeated the amount entered in the regular estimate for 1882-83, while it appears that the Municipal Board expected a higher income. The Local Fund budget is due earlier than the Municipal budget, so that entries in the latter on these points are not available for guidance.

4. As regards the provision for the roads in the Parlakimedi estate, I beg to state as follows :—

The approximate Road Fund share of local cess collections in the estate, as per my letter, dated 1st June 1883, No. 127	16,910	RS.
Amount provided in the budget for expenditure on the roads in the estate	14,837	
Amount provided for incomplete road works in the estate—vide the Circle Board's Resolution, dated 15th September 1883	1,403	
Repairs to ferry boats at Baleru and Nivagam—vide the Circle Board's Resolution, dated 15th September 1883	88	
Revetment wall to Maliaputi bridge—vide the Circle Board's Resolution, dated 15th September 1883	116	
Retaining wall to Paliputti bridge—vide the Circle Board's Resolution, dated 6th August 1883	275	
Total amount provided for expenditure in 1883-84	16,725	
Difference between the Road Fund share and the amount provided for expenditure	185	

5. The foregoing figures will show that almost the whole of the approximate Road Fund share has been allotted for expenditure.

6. The question will, however, be laid before the Circle Board at their next meeting and their resolution communicated to you.

7. The proposal to transfer the receipts from Pound Fund and Ferry Rents from Road Fund to General Fund will also be laid before the next meeting.

Endorsement by J. G. HORSFALL, Esq., President, Local Fund Boards, Ganjam, dated Chatrapur, 8th November 1883, No. 1246.

Submitted to the Board of Revenue with reference to their Proceedings, dated 8th August last, No. 2296.

2. The question of transferring the Pound Fund from Road to General Fund has already received the general approval of Government—*vide* Revenue Board's Proceedings, dated 22nd August last, No. 2466.

3. Plan and estimate, amounting to Rs. 4,250, for diverting the course of the Massaliah Gedda, referred to in the Superintending Engineer's letter printed in Revenue Board's Proceedings of the 29th August last, No. 7281, are herewith submitted for sanction of Government. The Circle Board's Resolution, dated 16th June last, No. 4, is herewith submitted.

ENCLOSURE No. 1.—Plan.

ENCLOSURE No. 2.—Estimate.

ENCLOSURE No. 3.

EXTRACT from the Proceedings of the Local Fund Board, Chicacole Circle, at a Meeting held at Chicacole on 16th June 1883.

4. Read letter from the Local Fund Supervisor, Chicacole circle, dated 2nd June 1883, No. 64, forwarding for sanction the revised plan and estimates for Rs. 9,910 * for road dam with under-tunnels across Massaliah Gedda in the 36th mile of trunk road according to the instructions given in the Superintending Engineer's letter, and requesting to permit him to collect the necessary materials for the work.

Estimate approved. The Supervisor may proceed with the collection of materials, taking care not to exceed the budget allotment.

RESOLUTION—dated 10th December 1883, No. 3736.

Submitted for the information of Government with reference to paragraphs 2 and 3 of their order, dated 16th July 1883, No. 1508, Financial Department.

2. With reference to paragraph 2 of the President's endorsement, he is informed that the order quoted therein applies to the Trichinopoly circle only. He will submit a special application with the Circle Board's Resolution referred to in paragraph 7 of the Vice-President's letter.

3. The Local Fund Board's Resolution on the matter, referred to in paragraph 6 of the Vice-President's letter, should also be forwarded.

4. The estimate, amounting to Rs. 4,250, for diverting the course of the Massaliah Gedda, referred to in paragraph 3 of the Superintending Engineer's letter, dated 24th July 1883, No. 184 G.N., printed in G.O., Public Works, dated 8th August 1883, No. 2187 W., is submitted for the sanction of Government in the Public Works Department, as the work is connected with the one sanctioned in the order quoted above.

(True Copies and Extract.)

John MacKensie
Acting Sub-Secretary.

To the Chief Secretary to Government, Financial Department.
„ Secretary to Government, Public Works Department, with two enclosures.
x President, Local Fund Boards, Ganjam District.

Mr. Ch. 11302

FINANCIAL DEPARTMENT.

1883.

Board of Revenue,
MADRAS.

No. 2187 Wd/8.8.83.
" 2128 Wd/2.8.83

En 2 (1/10)

Printed December th.

Dec 18/2/83

Proceedings, 10th Dec. 1883, No. 3736.

B No 33-v 8-1-84
En 2
Sep 17/84

Submitting, with remarks, for the information of Government letter from the President, Local Fund Boards, Ganjam, furnishing further information in connection with the budget estimate of the Ohicacole Circle for 1883-84, and forwarding plan and estimate for diverting the course of Massaliah Gedda.

1

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Current No. 11302Letter No. 3736Dated the 10th Dec/83From the Board of RevenueUNDER date the 8th June/84

READ the following

NOTE OF REMARKS.

1. The accompanying plan and estimate provide for diverting the course of the Massaliah Gedda, together with filling up the gap at the site of the ruined bridge. The estimated amount is Rs. 4,250.
2. The bottom width of the proposed channel is 100 feet and side slopes of 1 to 1. The length of channel is 1988 feet; and length requiring cutting is 1858 feet.
3. The plan and estimate have been countersigned by S.E. 1st Circle.

20th Dec/83

83/84

Pros of the Board of Rev. W.S. L. 3736 of 10th Dec 1883

The estimate amounting to Rs 4,250, for diverting the course of the Massaliah Gedda, in the Chinnole Circle, is sanctioned, and registered as Local by 49 W of 1883-84.

Dec
9/1/84

Lr

Ch.
21/12

W

21/12-83.

To the Board of Rev.
with 2 enclos

S.E. First Circle

Finl Dept.

(Ch. Secy for counter-sig)

21/