(1) பக்கங்களின் எண்ணிக்கை 30

(2) புதுக்கித் திருப்பிய நாள் 11/89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

(4)

தமிழ்நாடு அரசு

P.W.D. துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 1075

அச்சகம்
பலவகை

நாள் : 22-4-1889 ~~198~~ .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

15-Sheets

ஆவண, கா-1—18,000—15-6-87.

1075

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From J. HANNAN, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Bezváda, 5th March 1889, No. 2529 K.S.

I have the honor to forward herewith, for your approval and sanction of Government, an estimate, amounting to Rs. 6,540, for constructing a road dam at Lakshmipuram on Tsallapally road in the Bandar taluk.

No. 1492 C.

MEMORANDUM.

The plan and estimate for constructing a road dam at Lakshmipuram are returned to the Superintending Engineer, II Circle, for revision in communication with the Kistna District Board.

2. The rates allowed appear excessive and, from a comparison with the schedule for the Kistna Eastern division, a saving in rates of Rs. 1,980 might be effected.

3. The design for the work seems unnecessarily expensive and is not approved; retaining wall and revetment appears unnecessary, but an apron is required.

4. It is not necessary to floor the whole of the dam with concrete; ordinary metalling should do for the work. The culverts may be built as designed.

5. The Superintending Engineer is reminded that all Local Fund plans and estimates must be as carefully scrutinized as those framed under his direct orders; and that they should not be sent on to the Chief Engineer until the Superintending Engineer is satisfied that the design and estimate are thoroughly satisfactory, and full explanation should be given whenever striking differences in rates are found necessary.

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Chief Engineer, P.W.D.

21st March 1889.

From J. HANNAN, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Bezváda, 8th April 1889, No. 49 K.S.

With reference to your memorandum No. 1492 C. of the 21st March last, I have the honor to resubmit the estimate for Lakshmipuram road dam, and to state that the work has already been completed.

2. The rates entered in the estimate are not excessive as will be seen from the data herewith forwarded. The rates entered in pencil in the abstract estimate, I presume, are taken by you from the Kistna Eastern schedule, which cannot be taken as a guide, as the rates entered in it are the average rates in the division, and this dam is located some 56 miles from Bezváda and materials had to be conveyed this distance, 11 miles of it being land carriage.

3. I did not and do not approve of the design for the road dam; but, as it was already constructed, it could not be modified.

4. I am sorry to say that Local Fund works all over the Kistna district are being carried on in anticipation of sanction and without proper authority.

5. With reference to para. 5 of your memorandum under reference, I have the honor to state that all Local Fund plans and estimates are being properly checked and scrutinized in this office.

ORDER—dated 22nd April 1889, No. 1075 W., Public Works.

With his earlier letter above recorded the Superintending Engineer, II Circle, submitted for approval and sanction an estimate of Rs. 6,540 for constructing a road dam at Lakshmipuram on the Tsallapally road, Kistna district. As the rates appeared excessive and the design unnecessarily expensive, the estimate was returned to the Superintending Engineer for revision in communication with the Kistna District Board.

2. In reply the Superintending Engineer reports that the work has already been completed, and he explains that the high rates were due to the cost of the carriage of the materials required for the work.

3. This information and explanation should have been afforded by the Superintending Engineer when he first submitted the estimate, sanction to which does not now appear to be necessary.

4. The papers will be communicated to the Local and Municipal Department in view to the issue of the necessary orders with regard to the practice that now obtains in the Kistna district of carrying out Local Fund works in anticipation of sanction, or scrutiny of the estimate and design in the Public Works Department.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, II Circle.
" Local and Municipal Department, with nine enclosures.
" Examiner, Public Works Accounts.

Exd. J. Henricus.
Spare Copies

1075

2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated April, 22nd.

Recd

Encs

G.O., 22nd April 1889, No. 1075 W.

APRIL.

Road Dam

Correspondence relative to the estimate for a — at Lakshmipuram on the Tsallapally road, Kistna district, communicated to the Local and Municipal Department with remarks.

1075 3

The plans & Estimate for constructing a road dam at Lakshmipuram are returned to the S.E. II Circle for revision in communication with the Kistna District Board.

The rates allowed appear excessive; and from a comparison with the Schedule for the Kistna Eastern Divn a saving in rates of ~~Rs~~ 1900 might be effected. 1075

The design for the work seems unnecessarily expensive; and is not approved retaining the revetment alone ~~walls, one a slope~~ ~~descending fully~~ ~~can where~~ is required ~~required for the centre 60 feet of the dam~~, ~~the sloping portions of the road on each side might be on embankment with turf or stone revetment on the upstream side & turf on the other~~.

It is not necessary to floor the whole of the dam with concrete; ~~the centre 60 feet may be so floored, but~~ ordinary metalling sh ~~would~~ do of the ~~remainder of the~~ work

The culverts ~~are~~ may be

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated April, 22nd.

Recd

Encs

G.O., 22nd April 1889, No. 1075 W.

APRIL.

Road Dam

Correspondence relative to the estimate for a — at Lakshmipuram on the Tsallapally road, Kistna district, communicated to the Local and Municipal Department with remarks.

---

built as designed.

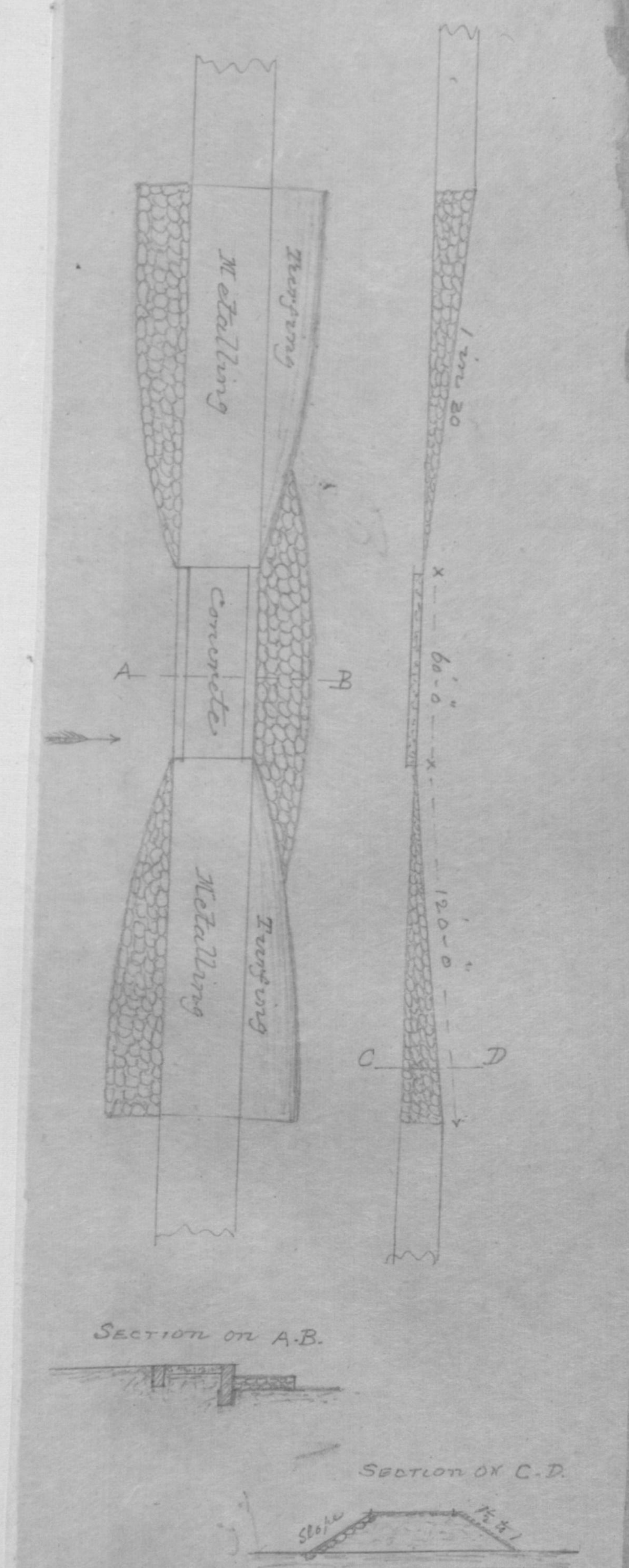
The S.E. is reminded that all Local Fund [illegible] Estimates must be as carefully scrutinized as those framed under his direct orders; and that they should not be sent on to the Chief Engr. until the S.E. is satisfied that the design & estimate are thoroughly satisfactory; and full explanation should be given whenever striking differences in rates are found necessary.

16.3.89

16/3/89

S. E. II Circle
with Enclo.

4



5

Suptg. Engineer's Office,
2nd Circle, Bezwada
5th March 1889.

Hannan Esquire,
Superintending Engineer,
II Circle.

Chief Engineer,
Public Works Department,
Madras.

the honor to forward
your approval and
Government an Estimate
to Rs. 6,540 for con=
a Road dam at
ram on Tsallapally
Bunder Talug.

I have the honor to be,
Sir,
Your most Obedt. Servt.,
J. Hannan
Superintending Engineer
II Circle.

4.3.89

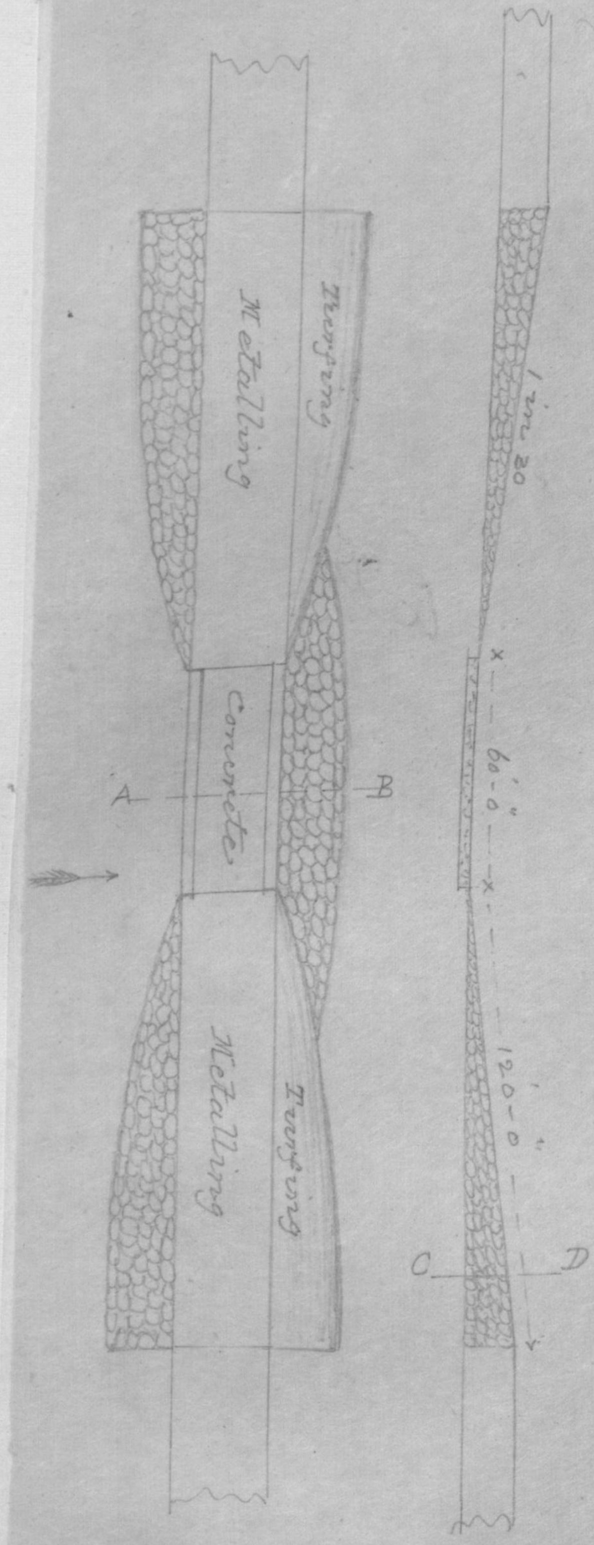
built as designed.

The S.E. is reminded that all Local Fund plans & Estimates must be as carefully scrutinized as those passed under his direct orders; and that they should not be sent on to the Chief Engr. until the S.E. is satisfied that the design & estimate are thoroughly satisfactory; and full explanation should be given whenever striking differences in rates are found necessary.

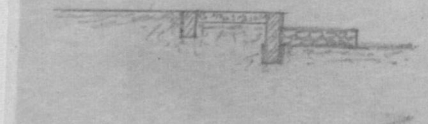
16.3.89

16/3/89

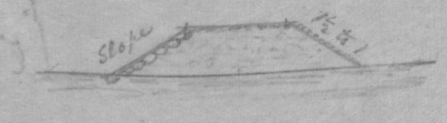
S. E. II Circle
with Enclosures



SECTION ON A.B.



SECTION ON C.D.



1075

10

5

No. 2529.Ks

Supdg. Engineer's Office,
2nd Circle, Bezwada
5th March 1889.

1075

1

From,
J. Hannan Esquire,
Superintending Engineer,
II Circle.

To,
The Chief Engineer,
Public Works Department,
Madras.

Encls. 3
Tracing
Detailed & Abstract
Estimate with a
Specification report
& data
Proceedings of the
Masulipatam Taluq Board

Sir,

I have the honor to forward herewith for your approval and sanction of Government an Estimate amounting to Rs. 6,540 for constructing a Road dam at Lakshmipuram on Tsallapally Road in the Bunder Taluq.

I have the honor to be,
Sir,
Your most obedt. Servt.,
J. Hannan
Superintending Engineer
II Circle.

4-3-89

P.W.D.

6

No. 1492 C d/21st March 1889

2

Memo 1075 1075

Letter from the Supdg Engineer II Circle No. 2529 K.S. dated 5th March 1889.

The plan, and estimate for constructing a road dam at Lakshmi=ipuram are returned to the Superintending Engineer II Circle for revision in communication with the Kistna District Board.

The rates allowed appear excessive, and from a comparison with the Schedule for the Kistna Eastern Division, a saving in rates of Rs 1980 might be affected.

The design for the work seems unnecessarily expensive, and is not approved, retaining wall & ~~the~~ revetment

appears

appears unnecessary but an apron is required.

It is not necessary to floor the whole of the dam with concrete; ordinary metalling should do for the work. The culverts may be built as designed.

The Superintending Engineer is reminded that all Local Fund plans and estimates must be as carefully scrutinized as those framed under his direct orders, and that they should not be sent on to the Chief Engineer until the Supdg Engineer is satisfied that the design and estimate are thoroughly satisfactory and full explanation should be given whenever striking differences in rates are found necessary.

19/3/89

19.3.89

21/3

I / 15 May

Cm 21/3/89

No. 1492 C.L/21st March 189

The Supdg Engr V / II Circle with 6 enclosures

D 21/3.

C075

~~4~~

Mcle 2270

From

The Suptg Engineer
II Circle

To The Chief Engineer
P.W. Dept.

SECRETARY TO GOVERNMENT
-9 MAR. 89
P.W. DEPARTMENT, MADRAS.

Dated 6th March/89
Reg 9

No 2529 KS

No 1492 Cd/11-3-1889

Enclo - 3
(17 pages)

Isallapalli Road
Constructing a road dam on at Lakshmi-puram - Forward an Estimate for

Com 9/3/1889

C075

8

8

Public Works Department.

Current No. 2270
Letter No. 2529 K.S.
Dated 6th March 1889
From the Supg: Engr: II Circle

C075

NOTE OF REMARKS.

The plan & estimate under review amounting to Rs 6,540 provide for constructing a road dam at Lakshmipuram on the Isallapally road Bunder Taluk Kistna District.

It is explained in the report that the Isallapally road was breached at the place where it is now proposed to construct a dam and that the road is almost impassable. 8

The proposed dam is to be 300 feet in length with gradients of 1 in 30, the earthwork is to be [illegible] up by retaining walls which will be protected on one side by rough stone pitching. The whole of the top surface of the dam is to be of concrete 6" thick. Two under sluices each 8'-6" x 5'-9" are provided at each end of the dam to pass the water that cannot go over the crest. The sluices ~~are~~ are to be rectangular and the sills will be 2'-3" below ~~crest~~ lowest crest level.

The centre of the dam is at a dead level for a length of 60 feet.

The sluices will be covered over by means of iron rails and stone slabs 9" thick. Aprons 9' in width are provided for the sluices.

The following rates are in excess of the rates given in the schedule of the Kistna c

(075

9

1 Concrete
Rs 9-8-..
against R

(0)75

2 Concrete in
Rs 7-13 per c
against Rs

3 Brick in chunam
Rs 7-2 per c yd
against Rs 5-15

4 Rough stone pitching
Rs 4-8-.. per c yd
against Rs 1-10-..

5 Cut stone work —
Rs 10-12-.. per c yd
against Rs 13-8-

If the schedule rates are adopted there will be a saving of Rs 1,980 in the amount of the Est. 9

For a weir dam it seems to be altogether a very costly work.

The retaining walls alone are to cost

percentage rates per
the

ramming
ot appear
spary to
nt provided.
under vents
might be
formed with
having the dam
on a level with
the bed of the stream
with retaining walls
only to the extent
of the level portion
and an apron on
the down stream
side -

The revetments on
both sides should
have side slopes
of 1½ to 1 the upstream
side revetted and
the down stream
side turfed -

The revetments on
slopes should be
metalled and only
the surface of the
crest of the dam
should be paved
or laid with concrete
The sketches in the
margin will show
distinctly what is intended -

Kistna

1075

If the proposed modification
is approved it will
effect a considerable
reduction in the
amount of the
Est:— 1075

It is explained
that the high rates
are due to the
long distances from
which materials
have to be obtained

The estimate
has been countersigned
by the President
of the Dist. Board

15/3/09

[illegible]

in it are the average rates in
the

No. 49 KS

Supdg. Engineer's Office,
2nd Circle, Bezvada
8th April 1889.

10

3

10/7

From,
J. Hannan Esquire,
Superintending Engineer,
II Circle.

To,
The Chief Engineer,
Public Works Deptt.,
Madras.

Sir,

Enclos: 7.
1. Pro: of Taluk Board Masulipatam
1 Specification Report.
1 Data (L. F.)
1 Detailed Estimate
1 Abstract - do -
1 Plan (tracing)
1 Data list now prepared.
7

With reference to your memo. No. 1492 C. of the 21st March last, I have the honor to resubmit the Estimate for Lakshmipuram Road dam, and to state that the work has already been completed.

2. The rates entered in the Estimate are not excessive as will be seen from the data herewith forwarded. The rates entered in pencil in the abstract Estimate, I presume, are taken by you from the Kistna Eastern Schedule which cannot be taken as a guide, as the rates entered in it are the average rates in the

the Division, and this dam is located some 56 miles from Bezvada and materials had to be conveyed this distance, 11 miles of it being land carriage.

3. I did not and do not approve of the design for the Road dam, but as it was already constructed, it could not be modified.

4. I am sorry to say that Local Fund works all over the Kistna District are being carried on in anticipation of sanction, and without proper authority.

5. With reference to para 5 of your memo. under reference, I have the honor to state that all Local Fund plans and Estimates are being properly checked and scrutinized in this Office.

I have the honor to be,
Sir,
Your most Obedt. Servt.

J. Hamner

Superintending Engineer,
II Circle.

6-4-89

675

7

Memo No. 1492 C d/ 21-3-89

PWC No 3411

From (11)

The Supdg Engineer
II Circle

To

The Chief Engineer
P.W.D.

Dated 8th April 1889
Rd 11.4.89
No. 49 K.S
No 1075 W d/ 22-4-89.
Enclo: 7 + 9
(+1 plan)

Lakshmipuram Road dam
Resubmitting the Estimate for – with the remark that the work has already been completed.

11/4/89

0/16/4

1075

O&S 50/4 1075 W

Public Works Department. 12

1075

Current No. 3411

Letter No. 49 K.S.

Dated 2nd April 1889

From the Supg: Engr. II Circle

Orders within
12.4.89

NOTE OF REMARKS.

The plan & Est for the Lakshmipuram Road Dam was returned to the Supg: Engr II Circle with the Chief Engineer's Memo No 1492 C d/21st March 1889 for explanation as to high rates and the costliness of the design at the same time reminding S.E. that Local Fund Plans & Ests: must be as carefully scrutinized as those framed under his own orders. B

The Supg: Engr in reply states S 3

1 That the work has already been carried out -

2. That the rates are not excessive as the materials have to be obtained from a distance of 65 miles 11 miles of which being cart carriage, and that therefore they cannot be compared with the rates given in the [illegible] Dt. Schedule which are only averages.

3. That he did not approve of the design but as the work had been carried out it could not be modified and regrets that it is the practice in the Kistna Dist to carry out Local Fund Works in anticipation of sanction.

4. That the plans & Est for Local Fund Works are properly checked & scrutinised in this office.

It may be well to communicate para 4 of the [illegible] to the L[illegible]

When the papers were first sent to the Chief Engr the S.E. should have reported that the work had been completed; and he should also have explained ~~that~~ the excessive rates were due to the cost of the carriage of the materials required for the work.

12.4.89

Para 4 of the S.E.'s 49 K.S. of 8-4-89 should be com. to L & M Depts with a short explanation of the circumstances.

Depts: in order to put a stop to the practice of indiscriminately carrying out works in anticipation of sanction –

14/4/89.

H.M.

B & R
Cl works 13

No 1075 W

1075

1075

PUBLIC WORKS DEPARTMENT.

4

PROCEEDINGS OF THE MADRAS GOVERNMENT.

A

UNDER date the 22nd April 1889

READ the following

From the Supdg. Engr. II Circle – H.E. No. 2529 K.S. d/ 6 March 1889

Memo to the Supdg. Engr. II Circle – " No. 1492 E d/ 21 March 1889.

From the Supdg. Engr. II Circle – " No. 49 K.S. d/ 8 April 1889.

~~With his earlier letter above recorded~~ the Supdg. Engr. II Circle submitted for approval and sanction an estimate of Rs. 6540 for constructing a road dam at Lakshmipuram on the Isallapally Road Kistna District. As the rates appeared excessive, and the design unnecessarily expensive, the ~~papers were~~ Estimate was returned to the Supdg. Engineer for revision in communication with the Kistna District Board.

Tolf
19 apr

2 In reply the Supdg. Engr. reports that the work has already been completed, and he explains that the high rates were due to the cost of the carriage of the materials required for the work.

The

H.M.

3. The information and explanation should have been afforded by the Supdtg Engineer when he first submitted the estimate ~~for~~ sanction to which does not now appear to be necessary –

4. The papers will be communicated to the Local and Municipal Department in view to the issue of the necessary orders ~~putting~~ with regard to a ~~stop to~~ the ~~unauthorised execution of Local Fund works in the Kistna District~~ practice that now obtains in the Kistna District ~~as the action taken by the Kistna District Board~~ of carrying out Local Fund works in anticipation of ~~report the Local Fund Works~~ sanction, or scrutiny of the est.s & designs in the P.W. Department –

WCB
16.4.89

S
18 Apr.

Rhodes
17.4.89

An omission in the last para has been supplied
S.

F.B.
15.4.89.

0
16/4

A.G. 5074.

SECRETARY
18 APL 89
GOVERNMENT OF MADRAS

(11)

To ~~The Hon: the Chi: Secry~~
~~[illegible] committee [illegible]~~

To S.E. II Circle
L & M Dept to with p[illegible]
Ex n Mo. a
25/7/89

64

5-

1075

14

Govt. of {1888} Madras.
PUBLIC WORKS.

22/4/89

Dated

Recd.   Encl.

G.O., 22nd April 1889, No. 1075 W

Road dam

Correspondence relative to the estimate for a —— at Lakshmipuram on the Isalapally road, Kistna Dt, Communicated to the Local and Municipal Depts with remarks—

⑮

90/4