

P. W. DEPARTMENT.

Current No.

5207

From

Revenue Dept

No. 2883

Dated

8th June

Received

12

SUBJECT.

Submitting for sanction
Plan & Estimate for the proposed
Bridge over the Muttapalem
Salt Creek - Godavari

DISPOSAL.

No.

Dated

17th June 1885

Forwarded to the S.E.
I Circle for scrutiny of
the plan & Estimate & an ex-
pression of his opinion
on the proposed work

B.O.

18/6/85

ENCLOS.—

Current No.

8750

Letter No.

1202 E.D.

Dated the

31st July 1885

From the

S.E. I Circle

NOTE OF REMARKS.

1. The accompanying plan and estimate (revised by S.E.I.) are for constructing an iron girder bridge over the Muttapalem salt creek in the Godavari district. The estimate, as now revised by S.E.I., amounts to Rs. 30,850.

2. The revised design is based on the original plan submitted by the L. & E. Eng^s of the Godavari circle modified by certain alterations and corrections effected by the officers in charge of the P.W. Works in the district, and by S.E.I.

3. The proposed bridge is to consist of seven pairs of wrought iron lattice girders (each girder 30 ft. long) running on two low

Dispatched on 19.6.85 204 feet in length

Q.D. H.

The accompanying is an estimate of importance for an iron girder bridge over the Muttapalem salt creek in the Godavari District - Rs. 30,203, would it not be well to submit the design to S.E.I. for scrutiny and comment before its examination in this office?

Subject to approval the form in which the plan and estimate are submitted is not creditable to those concerned in their preparation.

B.H.
13/6/85

Yes - Plan & Estimate must go to S.E. for scrutiny & opinion.

C.S.
13-6

Current No. 8750
Letter No. 1402 P.D.
Dated the 30th Sept 85
From the S.E. I Circle

NOTE OF REMARKS.

1. The accompanying plan and estimate (revised by S.E.I.) are for constructing an iron girder bridge over the Muttapalem salt creek in the Godavari district. The estimate, as now revised by S.E.I., amounts to Rs. 30,850.
2. The revised design is based on the original plan submitted by the L.F. Eng'g of the Bangalore Circle modified by certain alterations and corrections effected by the Officer in charge of the S.E. Workshops at Dharwad - bearing, and by S.E.I.
3. The proposed bridge is to consist of seven pairs of wrought iron lattice girders (each girder 70 ft long) running on two parallel lines and spanning a gap of 204 feet in width between

Public Works Department, 1835-8.

Current No. 8751

Letter No. 140269.

Dated the 30th Sept 1885

From the S.E. I Circle

NOTE OF REMARKS.

1. The accompanying plan and estimate (revised by S.E.I.) are for constructing an iron girder bridge over the Muthapalem salt creek in the Godavari district. The estimate, as now revised by S.E.I., amounts to Rs. 30,850.

2. The revised design is based on the original plan submitted by the L. F. Engg of the Coconade Circle modified by certain alterations and corrections effected by the officers in charge of the S. P. Workshops at Bellary, and by S.E.I.

3. The proposed bridge is to consist of seven pairs of wrought iron lattice girders (each girder 30 ft long) running on two heavy iron wheels on a single track, spanning 204 feet in clear distance.

abutments. The girders are to rest on six lines of screw piles, three piles in each line, and two abutments. The land end of each of the four shore girders is to rest 3 ft on the abutment. Each of the eight screw piles is to be 14 ft in diameter with a total length of 40 feet. The longitudinal girders are connected in transverse section by cross beams of Bodavari teak (14 ft. x 5 ft. x 8 in.) placed about 3 ft. apart from center to center. These beams are to be covered with two coats of plank, each coat being 4 ft wide and 1 1/2 inches thick. The under coat is to be of Bodavari teak; and the upper "country wood." Two wheel-guards, each 6 inches x 8 inches cross section, are provided. Planking between the wheel-guards, 10 1/2 feet wide, is to be coated with gravel 4 inches thick. The masonry of the abutments and wing walls is to be rough stone in masonry.



The foundations are to be built on fifty-two wells, each 8 ft in diameter and 10 ft deep. 4. Subject to approval, the design should be returned to S.E.I. for reconsideration of the following two points:— The clear width of roadway between wheel guards of bridges over 200 feet in length is only 10 1/2 feet, and the advisability of substituting tank beams for cross iron girders. — It must be noticed that the item 'graveling' does not appear in the abstract estimate. The rates are fair. 5. The revised estimate has not been submitted to the Revenue authorities.

16th October 1885
374

The roadway of the
Bridge 10 feet is extremely narrow, allowing traffic
only one way. might perhaps be
obtained, with a wider
roadway, at a cost

It would be worth not greatly in excess of
inquiring if the Local the present estimate
Fund Board could
not find means for a
wider bridge, giving a
15 ft. roadway.

The design has been
carefully worked out,
but a great deal of
wood is used.

A tracing might be
sent Home, & a tender
invited for a suitable
Iron Seven pile Bridge
with Cross girders, &
to have the planking
only added in this
country.

Steel is now so
much used in construction
that a Bridge whose
pieces would be very
light comparatively,

With
Oct. 16, 1885

No. 1798 Cd/Memober 9th 1885.
P. W. Sept.

Memo

With reference to
Revenue Department
endorsement No. 2883,
of 8th June 1885, the
Chief Engineer, P. W.
Department, has the
honor to return the
papers received therewith,
together with a revised
estimate which has
been prepared in the
Sowlaishweram Workshops.

2. The roadway

over the bridge appears
to be inconveniently
narrow; 10 1/2 feet
only have been al-
lowed between the
guardstones, which
would be sufficient
for traffic in one
direction only. It is
suggested that a
roadway with 12 or 15
feet of clear width
would be more con-
venient.

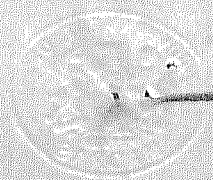
No. 1798 Capital 9. 1885

J- 85/4
9/11/85
B 11
9/11

W
6.11.83

No. 1067 Capital 17. 6. 85.

The Rev. Sept:
with 10 enclos. 18/11/85



1886.

P. W. DEPARTMENT.

Current No. 2878

From

Revenue Department

No. 2202

Dated

April 6th } 1886
Received " 12th }

SUBJECT.

Bridge over the Muthalapalam
Salt Creek - Godavari Est.
Referring for opinion as to the
sufficiency of the width of roadway
proposed for the -

DISPOSAL.

No. 7

D.

Dated

April 15. 1886

Returned to the Revenue Dept
with remark that, as it is understood
that the traffic on the road
is not heavy, a width of 12 feet
between the wheel guards will be
sufficient. (G.?) J.S.

Revenue Department.

OF THE MADRAS GOVERNMENT.

READ Endorsement of the P.W. Dept.

April 1886, No. 7 D returning with
regarding the construction of the pro-
posed Muthalapalam Salt Creek.

ENCLOS. -
indly 1 plan

May 1886, No. 2791

is the estimated cost of the pro-
posed practically, absorbs the balance
of the Canal and Ferry Fund of the
Government and of opinion that it is
the construction of the work
so as to allow of there being
sufficiently great to safely bear

OF THE MADRAS GOVERNMENT.

READ Indorsement of the P.W. Dept.

April 1886, No. 70. returning with
regarding the construction of the pro-
Muttapalam Salt creek.

May 1886, No. 2791

is the estimated cost of the pro-
U practically, above the balance
of Canal and Ferry Fund of the
present use of opinion that it is
re the construction of the work
as as to allow of there being
ciently great to safely bear

/ True & correct /
Edmunds

Secy. to Govt

I believe the
traffic on this
road is not heavy
& that a width
of 12' between the
wheel guards is
sufficient

13/4 1886

No 1067 C of 17. 6. 85
1798 C of 9. 8. 85

over the bridge appears
to be inconveniently
narrow; 10 1/2 feet
only have been al-
-lowed between the
guardstones, which
would be sufficient
for traffic in one
direction only. It is
suggested that a
roadway with 12 or 15
feet of clear width
would be more con-
-venient.

W
6.11.83

No 1067 C of 17. 6. 85

2d

OF THE MADRAS GOVERNMENT.

READ Endorsement of the P.W. Dept.

April 1886, No. 70 returning with
regarding the construction of the pro.
Muttapalam salt creek.

May 1886, No. 2791

The estimated cost of the pro.
will practically absorb the balance
of the Canal and Ferry Fund of the
Government and of opinion that it is
therefore the construction of the work
two as to allow of there being
sufficiently great to safely bear

/ True & correct /
Administration
A Secy to Govt.

7.11.15-4-86

For information
with reference to
your previous note.
It is now proposed
to return the paper
to the Revenue Dept.
with the remark
that a width of
12' is considered
sufficient. Please
say whether there
is any other ^{technical} point
requiring notice.

R.

13/4/6.

Saw
Beyond what is
contained in my former
note I have nothing to
suggest

B.H.
13/4/6

over the bridge appears
to be inconveniently
narrow; 10 1/2 feet
only have been al-
-lowed between the
guardstones, which
would be sufficient
for traffic in one
direction only. It is
suggested that a
roadway with 12 or 15
feet of clear width
would be more con-
-venient.

W

6.11.83

No 1067 Cd 17. 653.

2d
11/11

over the bridge appears
to be inconveniently
narrow; $10\frac{1}{2}$ feet
only have been al-
-lowed between the
guardstones, which
would be sufficient
for traffic in one
direction only. It is
suggested that a
roadway with 12 or 15
feet of clear width
would be more con-
-venient.

W
6.11.83

(No. 107 of 17.6.83.)

2d
H. 11/11

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ Involvement of the P.W. Department.

ment dated 15th April 1886, No. 70 returning with
remarks, proposals regarding the construction of the pro-
posed bridge over ^{the} Muttapalam Lake creek.

Order No. 11th May 1886, No. 2791

As the estimated cost of the pro-
posed bridge will practically absorb the balance
to the credit of the Canal and Ferry Fund of the
district, the Government are of opinion that it is
desirable to postpone the construction of the work
for a year or two so as to allow of there being
a balance sufficiently great to safely bear
the charge.

/ True & correct /
A. S. S. S. S.

A. Secy. to Govt.

To
The Board of Revenue
" P.W. Department

22/11

Recorded -

15.5.86

17/5/86

78. 10-4-06.
1798C. 9-11-05-

B. No 1256 W d/18 May 1886

W
1875

S.E. T. Circle
S.E. T. Circle

Prof. Gustav W. Pfeiffer

2. Under these circumstances I must beg that the G.O. (Financial), No. 214, of the 8th March 1886, may stand.

ENCLOSURE.

From Lieutenant-Colonel F. SMALLEY, Deputy Assistant Quartermaster-General, Eastern District, to the Military Secretary to His Excellency the Governor, dated Fort St. George, 3rd April 1886, No. 1030.

In reply to your letter No. 1, dated 2nd April 1886, I have the honor to inform you that there is no prospect of the casemate barracks in Fort St. George being ever available for the accommodation of the Governor's Band, the same being urgently required on vacation by the Commissariat Department in whose charge the greater portion now is for the storage of the siege train.

2. The correspondence is herewith returned as requested.

ORDER—dated 12th April 1886, No. 327, Financial.

The orders in the Financial Department, No. 214, dated 8th March 1886, will stand.

(True Extract.)

E. F. WEBSTER,
Chief Secretary.

To the Public Works Department.
" Military Department.
" Military Secretary to His Excellency the Governor.

Gobt. of {1886} Madras.

FINANCIAL.

Issued

Recd.

Encl.

G.O., 12th April 1886, No. 327.

APRIL.

His Excellency the Governor's
Band.

Directing, with reference to an inquiry from the
Public Works Department, the Financial G.O.,
No. 214, of 1886, calling for plans and estimates
for quarters for the Bandsmen of —, to stand.

