

- (1) பக்கங்களின் எண்ணிக்கை 16
 (2) புதுக்கித் திருப்பிய நாள் 5-10-84
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 6/9

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	1881	அச்சகம் பலவகை
நாள் :	12.7.1890	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

12TH JULY 1890, No. 1881 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From Major D. McNEIL CAMPBELL, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 19th June 1890, No. 207 E.W.

I have the honor to forward, for sanction of Government, a plan and estimate, amounting to Rs. 6,000, for constructing iron superstructure over the existing piers of the Coopettu bridge on road No. 9 from Pootoor to Belthangady, in Uppinangadi taluk, South Canara district.

2. The iron work proposed is of the same pattern as that sanctioned for the Moondajee and other bridges in the district. The estimate has been sanctioned by the District Board and the work finds a place in this year's budget.

Note by the Chief Engineer, P.W.D., General, Buildings and Roads Branch.

It is considered that the use of continuous plate flooring such as Westwood, Baillie and Co's. trough plates, section No. I, quarter inch thick, would be preferable to the system proposed.

2. It is also considered that the outside girders of the section proposed, but weighing 46 lb. instead of 56 lb. to the foot run, will be sufficient.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Chief Engineer, P.W.D., General,
Buildings and Roads Branch.

1st July 1890.

ORDER—dated 12th July 1890, No. 1881 W., Public Works.

The estimate, amounting to Rs. 6,000, for constructing an iron superstructure over the existing piers of the Coopettu bridge on road No. 9 from Pootoor to Belthangady, in Uppinangadi taluk, South Canara district, is sanctioned.

2. This sanction has been registered as Local No. 9 W. of 1890-91.

(True Extract.)

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

To the Superintending Engineer, IV Circle.
„ Local and Municipal Department, with five enclosures.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.
PUBLIC WORKS.

Dated July, 12th.

Recd.

Encl.

G.O., 12th July 1890, No. 1881 W.

JULY.

Coopettu Bridge, South
Canara District

Estimate of Rs. 6,000 for constructing
an iron superstructure over the existing
piers of the —, sanctioned.

No. 207
E. W.

Supg. Engineer's Office, Circle
Coimbatore 19th June 1890

From

Major D. McNeil Campbell R.E.,
Superintending Engineer,
Fourth Circle.

To

The Chief Engineer,
P. W. Department.

Sir,

Encls. 5
1 Estimate
1 Abstract
1 Specimen
1 Report
1 Drawing

I have the honor to forward for
sanction of Government a plan and estimate
amounting to Rs. 6,000 for Constructing Iron
superstructure over the existing piers of
the Coopettu bridge on road No. 9 from
Pootoor to Belthangady in Uppinangady
Taluk South Canara District.

2. The iron work proposed is of
the same pattern as that sanctioned for
the Abboondajee and other bridges in the
District. The estimate has been sanc-
tioned by the District Board and the
work

work finds a place in this year's Budget.
I have the honor to be,
Sir,

Your most obed^t Serv^t,

Alfred Cassell Major R.E.,
Suptg. Engineer, IV Circle.

3/1881

P.W.C. No. 5788
From
The Supg. Engrs.
4th Circle

Dated 19th June 1890
Recd - 20-6-90

No 207
E.W.

Encl 5. (4/5 meaning)

Coopettu Bridge
Forwarding for sanc-
tion of Govt a plan &
estimate amounting
to Rs. 6000 for constn of
iron superstructure over
the existing piers of the
— on road 129 from Pattur
to Bellthangadi

12.7.90

Note by the Chief Engineer,
General Buildings & Road Branch.

It is considered
that the use of
continuous plate
flooring such as West-
wood, Baillie & Co's
trough plates section
No 1, $\frac{1}{4}$ " thick would
be preferable to the
system proposed.

2. It is also con-
sidered that the
outside girders of
the section proposed,
but weighing 46
lbs instead of 56 lbs
to the foot run,
will be sufficient.

Ans^d 1.7.90

E.W.

10.6.90

Current No. 5788

Letter No. 207 E.M.

Dated 19th June 1890

From the Supy. Engr. II Civil

NOTE OF REMARKS.

The plan & Estimate under review, the latter amounting to Rs. 6,000 provides for constructing an iron superstructure on the existing piers of the Coopers bridge situated at the 12th mile on road No. 9 from Patna to Belthangochy in the Uppinangochy Taluk South Canara District.

The bridge is to have 3 spans 24 ft each. The width of the roadway is to be 12 ft. The metalling is to be of the usual thickness laid on 4 inches of gravel & 2 inches of sand.

Sanitary -

It is considered that the use of continuous plate flooring, such as Westwood, Nailie & Co's trough plates, would be better than that proposed.

The weight of the outer girders 10" x 6" should be 46 lbs and 56 lbs per foot run.

The arrangement for kerb & side drainage takes up $\frac{1}{6}$ " of the total width between railing, a simpler arrangement, as a wooden kerb, would give a greater available width of road, and be also stronger than the proposed kerb plate, which will be liable to be cracked.

J.O.B.

24.6.90

ridge girders 14 x 6" in
the centre & 10 x 5" at
the sides - The girders
are to be placed
3-10" apart from centre
to centre & the ends
are to rest on cast
iron bed plates firmly
cemented into granite
blocks.

The design it is stated
is similar to the designs
sanctioned for other
bridges in the same
Dist. -

The water-way is
not to be altered
as it is explained
that there is nothing
on record to show
that it is insufficient.

The girders are to be repaired
and in this respect proposed
to receive the new iron
superstructure.

The cost of the girders
at a lump sum of Rs 250 is
provided for carriage of
iron work to site.

Contingencies are not provided

for at 8% -

The plan & Est have
been sanctioned
by the Dist. Officer.

C. J. P.

21.6.90

C.No. 5788

Oct 36/11

CS 4. VII

Hy

Note

It is considered
that the use of
continuous plate
flooring, such as
Westwood, Railie
& Co's trough plates,
Section No 1. 1/4" thick
would be preferable
to the system pro-
posed -

It is also considered
that the outside
girders of the section
proposed, but
weighing 46 lbs
instead of 58 lbs for
the foot run with
which be sufficient

VRB

24.6.90

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1881

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The House of Commons
Paying for the
Constitution
417

2/7
Obs 36 VII
Ct 4. VII
m 7. VII
m 6. VII

5788

Govt. of Madras.

PUBLIC WORKS.

13

Dated

Recd.

Encl.

G.O. 17th July 1890. No. 188110.

Coopetla Bridge

South Canara District

Minutes of the 6000
for carrying on an iron
superstructure over
the existing piers of the
— Sanctioned

60

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28/10/91