

(1) Number of pages 16

(2) Date of repair 11/10/88

(3) Initials of the Referencer am

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D.

DEPARTMENT

G.O. No.
B.P. No.

2828

Press.
Mis.

Dated

11 11

1884

198

22/10/88
18

Not to be folded or roughly handled.

(8 sheets terminated)

70
11TH NOVEMBER 1884, No. 2828 W., PUBLIC WORKS.

2828
GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Lieutenant-Colonel J. L. L. MORANT, R.E.,
Officiating Consulting Architect to Government, to the Chief Engineer,
Public Works Department, dated Chepāk, 4th November 1884, No. 1205 :—

I have the honor to submit, for sanction and provision of funds, an estimate,
complete, amounting to Rs. 2,883, for forming the approaches of the stone bridge
across the Buckingham canal opposite to the Senate House.

2. I had hoped to have been able to save money for this work out of the estimate
for the bridge, but the cost of the bridge has been more than I anticipated owing to
much water having been met with in the foundations, and a good deal of spare earth
that I had hoped to utilise has been used up in forming the road from the bridge to
Marine Villa.

3. Embankment slopes of even 5 to 1 are not sufficiently easy for the approaches
of this bridge, but I purpose levelling up and causing them to almost disappear
altogether by improving the adjoining ground out of funds provided for park
improvements.

ORDER—dated 11th November 1884, No. 2828 W., Public Works.

The estimate, amounting to Rs. 2,883, for forming approaches to the new bridge
across the Buckingham canal at Chepāk, is sanctioned, and the amount is appropriated
from the Provincial reserve.

2. This sanction has been registered as Provincial No. 191 W. of 1884-85, and
classified as Communications, Original Works.

(True Extract.)

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

To the Consulting Architect to Government, with two enclosures.

" Superintending Engineer, V Circle.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Public Department.

Exd. E. Fernandez.
Spare Copies

X

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated November, 11th.

Recd.

Encl.

G.O., 11th Nov. 1884, No. 2828 W.

NOVEMBER.

Bridge across the Buckingham
Canal at Chepak

Estimate for approaches to the new —,
sanctioned.

7TH MAY 1884, No. 1160 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Major J. L. L. MORANT, R.E., Officiating Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepak, 21st April 1884, No. 95:—

In reference to your office note, No. 625 D., dated 28th March 1884, I have the honor to submit a design and estimate for

- 1 Detailed estimate.
- 1 Duplicate abstract.
- 1 Tracing.
- 1 File of papers.

erecting a bridge across the Madras junction canal, at an approved place near the Senate House.

2. The estimate amounts to Rs. 29,455, but by omitting for the present the lamp standards, pierced parapet and coat of arms, and by stopping the traffic in that part of the canal during the construction of the bridge, instead of temporarily diverting the channel, only Rs. 26,318 would be required.

3. The bridge is proposed to be of brick faced with cut-stone, the parapets being wholly of cut-stone. It is more costly than the iron bridge before designed, because it has been thought necessary to have a bed of concrete for the foundations of 3 feet in thickness instead of only one foot, which latter is considered insufficient, and it provides two foot-paths in addition to the roadway which the other did not. From the nature of its construction it is a more permanent structure.

4. The papers accompanying your office note are returned.

From the Consulting Architect to Government, dated 29th April 1884, No. 146.

ORDER—dated 7th May 1884, No. 1160 W., Public Works.

The estimate, amounting to Rs. 29,455, for constructing a bridge over the junction canal near the Senate House at Madras, is sanctioned for execution by the Consulting Architect.

2. The work should be put in hand at once from the provision made in the final issue of the Provincial Budget.

3. This sanction has been registered as Provincial No. 23 W. of 1884-85 and classified as Communications, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with seven enclosures.
" Superintending Engineer, V Circle.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Public Department.

Exd. A. Aubert.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 7th.

Recd.

Encl.

G.O., 7th May 1884, No. 1160 W.

MAY.

Bridge

Estimate of Rs. 29,455 for constructing a
— over the junction canal near the Senate
House at Madras, sanctioned.

Consulting Architect's Office,

Chepauk, Madras.

4th November 1884

No. 1205

From

The Consulting Architect to the Government of Madras.

To

The Chief Engineer, Public Works Department.

In

Enclosures.

1 Detailed Estimate
1 Duplicate Abstract.

I have the honor to submit
for sanction and provision of
funds an Estimate complete amount-
ing to Rupees 2883 for forming the
approaches of the Stone Bridge across
the Buckingham Canal opposite
to the Senate House x

2. I had hoped to have been
able to save money for this work
out of the estimate for the Bridge
had the cost of the bridge has
been more than I anticipated
owing to much water having been
met with in the foundations, and

a good deal of spare earth that
I had hoped to utilize has been
used up ⁱⁿ forming the road from
the Bridge to Marine Villa.

3. Embankment slopes of even
5 to 1 are not sufficiently easy
for the approaches of this bridge
but I purpose levelling up and
causing them to almost disappear
altogether by improving the adjoin-
-ing ground out of funds provided
for Park improvements.

I have the honor to be

Sir

Your most obed^t Servant

John Norant
Lieut. Col. R.E.

Offg. Consgr. Archt. to Govt.

P. W. D.
Roads and Buildings.

From
THE CONSULTING ARCHITECT
TO THE GOVERNMENT OF MADRAS,
To

The Chief Engineer
Pub. Wks. Dept.



No. 1205

Dated 14th November 1884
Received

No. of ENCLOSURES 2

Subject.

Submits for sanction
& provision of funds an
estimate amounting to
Rs 2883 for forming the
approaches to the New
Bridge across the
Buckingham canal
N. W. of the Senate House
- Chhapak

Sanctioned

Est.

6.11.84

Public Works Department, 1884-85.

Current No. 9196 2826
Letter No. 1205
Dated the 14th November 84
From the Chief Architect to Govt

NOTE OF REMARKS.

1. This estimate provides for forming the approaches to the new bridge across the Buckingham canal Chhapak, Madras. The estimate amounts to Rs. 2883.
2. The approaches are to be 36 ft. wide, the center 24 ft. being metalled, with side slopes 5 to 1 and a gradient of 1 in 46. The metalling will consist of laterite jelly 8 inches deep, with an overcoat of gravel 1 inch thick. The berm on either side of the metalling is to be gravelled to a depth of 6 inches and a width of 3 feet. The length of the metalled

Circ. 8/11/84

surfaces is, of both approaches together, 850 ft.
 3. Provision has been made in this estimate for a culvert, and in alluding to it G. H. remarks - "The culvert needs no special description." The amount allotted to it is, including contingencies &c, Rs. 563.

6th Nov/84
 B.H.

C. No. 9196

P. W. Secretariat.

Note by Budget Section.

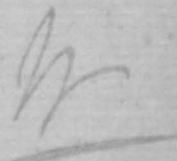
Work Forming the Approaches to the new Bridge across the Buckingham Canal N.W. of the Senate House, Chapak
 Remarks and References.

2883
 6

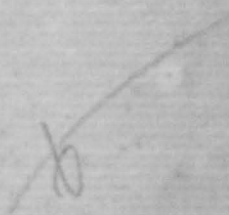
Fund	Provincial
Service Head	Communications
Departmental Head	Original works -
Amount of Estimate	Rs. 2883
Expenditure in previous year	"
Allotment in current year	"
Balance required to complete	2883
Total Rs...	2883

Note of available funds.

The amount of the estimate can be provided from the Provincial reserve with the Government, the balance available under that head being Rs 15176.


 Budget Clerk.

7-11



Buildings Branch
Civil Works

N^o 2828-W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 11 November/84

READ the following

From
The Commr. Architect
to Govt. } (H. E. No: 1205 of 4 Nov 1884)
2828

The estimate amount:
= Rs 5 to 2,883, for forming
approaches to the new
bridge across the Buckingham
Canal at
Chepakk, is sanctioned,
and the amount is
appropriated from
the Provincial Reserve

2. This sanction
has been registered
as Provincial No: 191/W
of 1884-85, and
classified as

Communications,
Original works.

~~Wm. H. Sullivan~~
2828

C18

7-11-84

W.
7-11-84



~~W~~
To Mr. A. C. Gork.
with 2 enclosures
" Co. V. C. unit
" Ex: Mr. A. C. Gork.
duplicate Abstract
" Criminal
" Public Dept.

8/9/84

W

Aug. 8/11/84

2828
8

8

9196

Govt. of (1884) Madras.

PUBLIC WORKS.



Dated

11/11/91

Recd.

Encl.

G.O. No. 1884, No. 28

Bridge across the river
in the town of
Salem
in the district of
Salem

70

5

10/11/91

9d
13/11