

- (1) பக்கங்களின் எண்ணிக்கை 12  
 (2) புதுக்கித் திருப்பிய நாள் 2/90  
 (3) ஆதாரங்குறிப்பவர் சுருக்கெழுப்பம் 100

**தமிழ்நாடு ஆவணக் காப்பகம்.**

தமிழ்நாடு அரசு

P. W. D துறை

|                                       |           |                  |
|---------------------------------------|-----------|------------------|
| அரசாணை எண்.<br>மு. கோப்புத் தாள் எண். | 149-W     | அச்சகம்<br>பலவகை |
| நாள் :                                | 21-1-1893 | 199              |

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

மேலு

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.  
Civil Works.

READ—the following paper :—

From J. C. LARMINIE, Esq., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 15th December 1892, No. 519 W.

I have the honour to submit, for your sanction the undermentioned estimates with plans for constructing bridges on the Vayitri-Gudalur road prepared in accordance with your instructions to the Executive Engineer, West Coast division :—

|                                                       | Estimate. |
|-------------------------------------------------------|-----------|
|                                                       | RS.       |
| (1) Raising the abutments of Kunembetta bridge ... .. | 4,310     |
| (2) Raising the Kanuth bridge by 5 feet ... ..        | 3,880     |

ORDER—dated 21st January 1893, No. 149 W., Public Works.

The undermentioned estimates are sanctioned against the anticipated saving on the item "Petty supervision" in the general estimate for the Vayitri-Gudalur road sanctioned in G.O., No. 1722 W., dated 26th June 1891 :—

|                                                    | RS.   |
|----------------------------------------------------|-------|
| (1) Raising the Kunembetta bridge, estimate ... .. | 4,310 |
| (2) Raising the Kanuth bridge, estimate ... ..     | 3,880 |

2. This sanction has been registered as Provincial No. 93 W. of 1892-93 and classified as Communications, Original works.

(True Extract.)

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

To the Superintending Engineer, IV Circle, with plans and estimates.  
Examiner, Public Works Accounts.  
Editors' Table.

Exd. S. J. Pereira.  
Spare Copies

BUILDINGS AND ROADS.  
CIVIL WORKS.

Govt. of {1893} Madras.  
PUBLIC WORKS.

Dated January, 21st.

Road.

Encl.

G.O., 21st Jan. 1893, No. 149 W.

JANUARY.

Vayitri-Gudalur Road, West  
Coast Division

Estimates, amounting respectively to  
Rs. 4,310 and Rs. 3,880, for raising the  
Kunembetta and the Kanuth bridges on  
the —, sanctioned.

N<sup>o</sup> 579  
W

Supg. Engrs Office & Civil  
Communications 15 December

From

J. C. Larmine Esquire  
Supg. Engineer & Civil

To

The Chief Engineer  
P.W. Department  
Madras

Enclob.  
4 Plans  
2 Estimates

Sir,

I have the honor to submit for  
your sanction the undermentioned es-  
timates with plans for constructing bridges  
on the Vayitri-Gudalur road prepared  
in accordance with your instructions  
to the Executive Engineer West Coast Division

- |                                                  | Estimate |
|--------------------------------------------------|----------|
| 1. Raising the abutments of<br>Kunembetta bridge | 4,310    |
| 2. Raising the Kanuth<br>bridge by 5 feet        | 3,880    |

I have the honor to be  
Sir,  
Your most obedient Servant

J. C. Larmine  
Supg. Engineer & Civil

The Sup. Engr.  
to Circle

No. 3109 W 4 18-12-84 ✓  
 " 3682 " 15-7-85 ✓  
 " 2412 W " 15-10-85 ✓  
 " 1492 W " 6-6-87 ✓  
 " 1722 W " 26-6-91 ✓  
 " 772 " " 22-4-91 ✓  
 " 772 " " 22-5-91 ✓  
 " 2962 " 3-6-91 ✓  
 " 3242 " 6-6-91 ✓  
 " 3892 " 17-6-91 ✓  
 " 1722 W " 26-6-91 ✓  
 " 3485 W " 20-12-92 ✓

Dated 15 Decr 1892

Recd: 16.12.92

Enclot 8 (Hills)

To 579  
W

Cousy. bridges on the  
Vayttr Gudalur road  
Submits for same.

trans estimates amount  
ing to Rs 8190 for —

Current No. 12442

Letter No. 519

Dated 15 December 1892

From the Sup. Engineer to Circle.

TECHNICAL NOTE.

The S. E. Circle submits plans  
for estimates amounting in all to  
Rs 8190 for raising two bridges on  
the Vayttr Gudalur road for the  
satisfaction of the Chief Engineer &  
states that the estimates have  
been framed in accordance with  
W's instructions to the S. E. Circle  
Coast Division during his inspection  
of the work.

The amount of the estimate is  
made up as follows:

- (a) Raising Kannath bridge Rs 3880
- (b) - do - Kannerabettu do. .. 4310
- Which Rs 8190

Estimate (a) provides for raising  
the bridge 5 feet as is to allow  
for increased headway & for  
carrying out the piers & abutments  
to suit the girders as  
received from England. The raising  
of this bridge is to be built  
of brick in chumam & the abutments  
faced with ashlar, provision is  
made

made for cut stone but plaster under the girders, these had plaster on brick over arches masonry built to a depth of one foot above the brickwork.

Estimate (3) provides for raising the bridge 8 feet high, widening the abutments & wings & extending the wings to a length of 9 feet.

The raising of this bridge & extending the wings is to be of rough stone in chunam pointed with carbi mortar, the approaches are to be made with a gradient of 1 in 40 & the roadway, as usual, & consolidated to a width of 12 feet.

The rates are fair except for the following items in the estimate: rate for Kannambetta bridge.

Rate list: *Whinchi*

Cement is carbi 35.... against 43....

Arch masonry 3.... do. 3.8..

If schedule rates be applied the saving will be Rs 107.

The amount of the two estimates viz Rs 8190 can be met from the savings on the project estimate under the sub-head Petty supervision on which item there appears to be a large saving, vide foot note in estimate.

*28.11.93*

*21/1/93*

*Sanction  
21/1/93*

No. 149 Wd 21 Jan 1893

PUBLIC WORKS DEPARTMENT.

*B. H. civil work*

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the S.E. IV Circle No. 519 Wd 15 Decr. 1892

The undermentioned estimates are sanctioned against the anticipated saving on the item "Petty Supervision" in the general estimate for the Kayitri-Gudalur road sanctioned in G.O. No. 1722 Wd 26<sup>th</sup> June 1891:—

1. Raising the abutments of the Kannambetta bridge. Estimate, Rs. 4310
2. Raising the Harith bridge by 5 feet do. do. 3880

2. This sanction has been registered as Provincial No. 93 Wd of 1892-93 and Classified as Communications Original Works.

*Note: These works are situated in S.E. IV Circle. From the S.E. IV Circle No. 519 Wd 15 Decr. 1892*

*Res 20 Jan*

*Note: It is proposed to Commence the work. For the Editor's Table.*

The S.E. IV Circle with plans & estimate (8) Exar. P. W. Accs. Editor's Table

*21/1/93*

C 60/2662

Govt. of Madras.  
PUBLIC WORKS.

23/1/93

Recd. Encl.

21 January 1893 No. 149. E

Vayikri Gudalur Road,  
West Coast Dy.

Estimates amounting respectively  
to Rs 4,310 and Rs 3,880 for  
raising the Kunombettu  
and the Kammeth bridges  
on the ———, sanctioned.

80/6

823/1