

(1) Number of pages 6

(2) Date of repair 16-9-42.

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	529	Press
	436-437.	Mis.
Dated	22-2-1864.	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
22nd February 1864.*

No. 436. Read the following letter from Captain E. A. FOORD, R. E., Superintending Engineer, 6th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Tanjore, 9th December 1863, No. 1,345:—

SIR,

1. I have the honor to submit for sanction and entry in the one per cent. Income Tax Budget of 1864-65, an Estimate amounting to Rupees 25,000 for constructing a bridge of fifteen segmental arches of thirty feet span each, over the Nundyar river on the road from Trichinopoly to Arealur and Wodearpolliem.

- 1 Abstract Estimate.
- 1 Specification.
- 2 Plans.
- 1 District Map.

2. The line of road is becoming a very important one as a feeder to the Great Southern of India Railway, and in the country around Arealur the chief part of the Cotton in the District is grown.

3. The traffic during the cultivating season averages 267 bandies and 295 laden bullocks a day, and in the dry weather it is stated to be much greater.

4. The Nundyar is at all times very heavy for bandies and occasionally impassable for days together, and the construction of the bridge would be of very great benefit to the country.

5. The water-way provided seems sufficient for the passage of the highest floods. The dimensions of the different parts and the general design of the bridge are the same as those usually adopted for the bridges on the Trunk Roads.

6. A sum of Rupees 10,000 is proposed for expenditure next year.

The Superintending Engineer, 6th Division, is requested to obtain and submit the opinion of the Collector on the work proposed.

Chepauk,
17th December 1863.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government, D.P.W.

From Captain J. BEAN, R. E., Officiating Superintending Engineer, 6th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Tanjore, 8th February 1864, No. 1,753.

SIR,

Enclosures 6.
No. 23, dated 3rd instant.
* Herewith returned.

idem, forwarding an Estimate with its accompaniments for constructing a bridge across the Nundyar river on the road from Trichinopoly to Arealur and Wodearpolliem, I have the honor now to return the whole of the documents,† the Acting Collector having expressed his approval of the Estimate on the 4th ultimo.

- † 1 Abstract Estimate.
- 1 Specification.
- 2 Plans.
- 1 District Map.

2. I detained the Plans and Estimates beyond the period necessary to obtain the sanction of the Collector, because on inspecting the sketch taken of the river at the site of the bridge and the sections made across the bed I found that the area of highest flood two miles above the proposed work was 2,400 square feet, whilst that of the river two miles below the site was only 1,900 square feet, and I called upon Captain Palmer who prepared the Plans to report whether the sections given were correct, as no irrigation channels appear to have been led off from the river within the intervening four miles in distance.

3. The Executive Engineer on the 26th ultimo, in reply, reports that he has had the sections taken again in verification of the former ones, and that the results very nearly agree. He also attributes the decreased extent of water at the lower section to the slope or fall of the bed being one-half only of what it is at the upper and broader section.

*Proceedings of the Madras Government, Public Works Department,
22nd February 1861.*

No. 437.

ORDER THEREON, 22nd February 1864, No. 521.

ORDER THEREON, 22nd February 1864, No. 521.

The Estimate of Rupees 25,000 for constructing a bridge over the Nundyar river on the road from Trichinopoly to Arealur and Wodearpolliem is sanctioned for entry in the Budget of works to be carried out from the Income Tax allotment for 1864-65.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, Cth Division.
 „ Controller and Auditor of Public Works Accounts.
 „ Accountant General.

Exd. S. T. Augustin.

Public Improvement TRICHINOPOLY DISTRICT. *New York*
 Communication Abstract Estimate No. of 186. 6
 Bridges
 Work. Constructing a Bridge of 15 arches 30 feet span each over
 Mungyar River on the Road from Trichinopoly to Arenal &
 Gadagallur -

Quantity.	Description of Work.	Rate.		Amount.		Amount of Each Part.	
		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
1932 ¹² 108	Cubic Yards Rough Stone in Chunanam p.c.g. — 2	8		14830	7		
4115 3375	Cubft. Brick in Chunanam p.c.g. — 2	8		7774	15	3	
23696 ¹⁵ 76	do — Stone work — do — 2	6		3702	10		
26977 ⁶	Suppl. Plastering — p.c.g. — 2			617	10	6	
7146	Cubic Yards Earthwork p.c.g. — 1	3		560	10		
471	do — Metalling Roadway over arches 4 th p.c.g. — 1	8		235	8		
	Centring —			2500			
	Scaffolding —			500			
	Reinforcing Foundation —			900			
	Embankments —			500			
	Baling —			500			
				22763	69		23,025 13 9
	Sundries & Contingencies —			1974	23		
	Total Estimated Prices			25,000			

Received Cash Office
 Freshenburg
 23rd September 1863
 Cash R^y
 J. H. L. L. L.
 As. Collector.

Total Estimated Repairs \$5,000.00
 Annual Capital Repairs \$2,000.00
 Suff. - Business for 1911
 Acknowledged
 Executive Engineer
 Buckleup

1/235

09/69 25/10/63

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