

(1) Number of pages 10
 (2) Date of repair
 (3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	1287	Press Mis.
Dated	12.5.57	18 (57).

Not to be folded or roughly handled

17

*Proceedings of the Madras Government, Public Works Department,
11th May 1865.*

No. 242. Read the following letter from Lieutenant-Colonel G. W. WALKER, R. E., Superintending Engineer, 7th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Coonoor, 25th April 1865, No. 332 :—

SIR,

1. I have the honor to submit the revised plan and estimate for re-construction of the Andyoore bridge on the road between Pollachy and the Ambravutty river, called for in paragraph 42 of Government Order, No. 1,941 of 4th July.

Enclosures 2.

2. My original wish was to complete the bridge with a timber platform, but finding such a superstructure estimated for in the Range at an enormous rate, I subsequently, after due consideration of the nullah section, ordered two arches to be substituted for the one original arch of 30½ feet span with rise of only six feet; to the attempt to carry out which design with indifferent materials and bad superintendence, I attribute the fruitless expenditure incurred in former years.

3. The sum of Rupees 1,330 only having as yet been allotted for the work it is proposed to supply the excess of Rupees 70 (if actually incurred) from savings on the allotments of other works, say on that of Coimbatore Jail.

The undersigned is of opinion that it would add to the stability of the bridge if masonry inverts and retaining walls were constructed, and he requests that the Superintending Engineer will state his opinion as to the expediency or otherwise of providing for them in the estimate.

FORT SAINT GEORGE, (Signed) CHARLES A. ORR, Colonel, R. E.,
28th April 1865. Secretary to Government, P. W. D.

To the Superintending Engineer, 7th Division, with plan and estimate.

The undersigned has the honor to suggest that the additions proposed be separately carried out at the discretion of Lieutenant Morris, R. E., in Executive charge of Pollachy Range, and paid for either from the maintenance allowance of the road, or by an allotment from "Minor New Works."

(Signed) G. W. WALKER, Lieut.-Colonel, R. E.,
1st May 1865. Superintending Engineer, 7th Division.

No. 243.

ORDER THEREON, 11th May 1865, No. 1,287.

CIVIL WORKS, No. 3.

The Government sanction the revised estimate of Rupees 1,400 for the Andyoore bridge on the road between Pollachy and the Ambravutty river. The addition of a masonry flooring resting on front and rear retaining walls would probably strengthen the work, and these will be constructed at the discretion of the Executive Officer and the maintenance allowance as suggested by Colonel Walker.

(True Extract.)

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

To the Superintending Engineer, 7th Division.

" Controller of Public Works Accounts.

" Accountant General.

Exd. T. O'Connor.

No 332

Superintending Engineer's Office
7th Division

Bombay 25th April 1865

From

Lieut Colonel G. M. Walker R.E.

Superintending Engineer 7th Division

To

Colonel C. A. Orr R.E.

Secretary to Government D. M.

Sir,

Enclosure 2

I have the honor to submit the Revised Plan and Estimate for reconstruction of the Andapur Bridge on the road between Pollachy and the Ambrawutty River called for in para 12 of Government Order No. 1941 of 4th July.

2 My original wish was to complete the bridge with a Timber Platform, but finding such a superstructure estimated in the range at an enormous rate, I subsequently, after due consideration of the Mullab section, ordered 2 arches to be substituted for the one original arch of 30.5 feet span with rise of only 6 feet; to the attempt to carry out which design with indifferent materials and bad Superintendence I attribute the fruitless expenditure incurred in former years.

3 The sum of Rupees 1330 only having as yet been allotted for the work it is proposed to supply the excess of Rs 70 (if actually incurred) from savings on the allotments of other works; say on that of Coimbatore fail.

I have the honor to

M. Walker Lieut Col R.E.
Superintending Engineer 7th Division

24

57

The undersigned has the honor
to suggest that the additional pro:
posed be separately carried
out, at the discretion of Asst.
Major A.S. in Executive Charge
of Pollack's Range; and paid
for either from the Maintenance
allowance of the Road, or by an
allotment from "Minor New Works".

57 May 1865 - O.A. 870

1. May 1865
Submitted by
The Superintendent Engineer
to the Secretary to Govt.
at the
1. May 1865
Submitted by
The Superintendent Engineer
to the Secretary to Govt.
at the

Submitted Revised Plan
and Estimate for reconstruction
of the bridge on Range
amounting to Rs. 1400 per
which I am of Rs. 3000
not been altered

1287-1700 May 1865

(2)

The undersigned is of
opinion that it would add to the
stability of the bridge if necessary
amount and retaining walls were con-
structed and he requests that the
Superintending Engineer will state his
opinion as to the expediency, or otherwise
of providing for them in the estimate.

1. May 1865
Submitted by
The Superintendent Engineer
to the Secretary to Govt.
at the
1. May 1865
Submitted by
The Superintendent Engineer
to the Secretary to Govt.
at the

General

Imperial Fund

Estimate of the probable expense of completing the Andapor Bridge of 30'-6" span by covering it into one of 2 arches of 13'-9" each, on the 7th mile from Pollachy to Godamulpettah on the Andrapetty Road in Pollachy Range, Comblatore District

Measure	Length	Breadth	Depth	Volume	Cubic Contents	Superficial Contents	Particulars of Work.	Rate	Amount of each	Explanation of necessity of work
21 1/2	4 1/2	5			478 1/8		Foundation to Pier			
22	7	5	2		1540		Do. to 2 Abutments A			
15	3 1/2	5	4		1050		Do. to 4 Wings B.			
19	3	3			171		Pier and Cutwaters above			
18 1/4	5	3	2		547 1/2		Abutments above C.			
15	2 1/4	11	4		1485		Wings above			
13	2 1/2	3	4		390		Face walls over arch and			
							Abutments			
18 1/4	2	1			36 1/2		Standard			
10	2	3	2		120		Face walls over Do.			
70 1/2	1 1/2	2 1/4	2		185 1/6		Blocking course			
70 1/2	1 1/4	3	2		528 3/4		Parapets			
					650 1/2		Total cubic feet			
							Deduct Existing Work			
					1540		Foundation to 2 Abutments			
					1050		Do. to 4 Wings			
					547 1/2		Abutments above			
12	2	8	2		384		Wings			
10	2	2	2		80		Do.			
7	1 1/4	3	2		52 1/2		Parapets			
					365 1/4		Deduct Total Cubic feet			
Balance					2877 1/2		Cub. ft. of 106 1/2 C. yds. Brick in Churnam 4 8	65 1/2	480	
24	18 1/4	1 1/2	2		1533		Cft. Archwork	4	383	4
							25 layers plastering with 2 coats	4	100	
							of Churnam		80	
							2 Common Centings		280	
							Carting 70,000 Bricks 5 miles	4	1323	4
							Sundries and Superintendence		76 1/2	
							Total Rupees		1400	

Estimate submitted in accordance with the S.P. & Sup. Engr's instructions. It is Memo. D. 237 dated 14th June 1906. Work progressing & to be completed within the current financial year.

72

Lieut. Col. Assistant Engineer.

W. Morris

W. Morris

Pollachy Range Office

12th April.

12

No 1287
 Proceedings of the Madras Government
 Under date the 11th May 1865.
 Read the following

From the Superintending Engineer
 7th Division
 Submit a Revised Plan
 and Estimate for reconstruction
 of the Andyoor Bridge amount. (Here enter 25th April 1865
 No 332)
 viz to exceed 1400 for which
 a sum of Rs 1330 only having
 as yet been allotted.

The Government sanction
 the revised estimate of Rs 1400
 for the Andyoor Bridge on the
 road between Pollachy & the
 Ambavetty river. The addition
 of a masonry flooring resting
 on front & rear retaining walls
 would probably strengthen the
 work, & these will be constructed
 at the discretion of the Engineer
 Officer from the Maintenance
 allowance as ascertained 1865.

Walter

C.B.

187 for Station specification
 Cont of Mr Act
 Act General

Done 12th May

Enclosed in a letter
 from the Superintending
 Engineer to the Secretary
 to Govt. No 332 of 25th
 April 1865

M 14 17/85
 Colman 1299 of 1864-65

Colman for completing
 the Andyoor Bridge
 on the road from Pollachy
 to Ambavetty
 amounting to Rs 1400

Done 11th May 1865 No 142

No. 11. 1865 Department

Proc. of Govt for May

Apr. 28/7

Proc. of the Madras Govt

Of 11th May 1865.

The revised Estimate
amounting to Rs. 1400 for
the re. construction of the
Dudoor bridge on the
road between Pollachi
and the Ambavathy river
Coimbatore District
Sanctioned

No. 242-243

25th May 1865. D. 8th