

(1) Number of pages 1-30

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 1790.

Press
~~Mis.~~

646-647

Dated 28. 6. 1865.

Not to be folded or roughly handled

2/10

*Proceedings of the Madras Government, Public Works Department,
28th June 1865.*

No. 646. Read the following letter from C. W. READE, Esq., Collector of South Arcot, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Cuddalore, 19th June 1865, No. 49 :—

SIR,

1. In forwarding the accompanying letter to your address from the Superintending Engineer, 5th Division, enclosing several estimates for the re-construction of certain bridges destroyed in last October on important highways, I have only to urge the necessity there really exists for these works being put in hand at an early date, as the traffic of the parts of the country affected is greatly retarded, and the great need of these bridges when originally erected was fully explained and recognized.

2. I earnestly hope that Government may be able to allot funds for these works, at all events sufficient to cover the comparatively trifling cost* of re-building the bridges on the Chellumbrum

* Rupees 2,110.

road, which I agree with Colonel Foord should have attention first.

From Lieutenant-Colonel E. A. FOORD, R. E., Superintending Engineer, 5th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Salem, 15th June 1865, No. 525.

SIR,

- 4 Plans.
- 2 Surveys.
- 4 Specifications.
- 4 Detailed estimates.
- 4 Abstract do.

Re-constructing a bridge of one arch of 30 feet span across the Pullienttee Oday on the 8th mile of the road, from Cuddalore to Salem frontier, by Verdachellum	rs. 3,650
Re-constructing a bridge of 3 arches of 30 feet span across the Thumbipetta Oday on the 16th mile of the road, from Cuddalore to Salem frontier, by Verdachellum	5,900
Re-constructing a bridge of one arch of 12 feet span on the 11th mile of the road from Cuddalore to Chellumbrum	850
Re-building the fallen arch of a bridge on the 10th mile of the road from Cuddalore to Chellumbrum, near Pondiamkupum, and adding an arch of 12 feet span	1,260

1. I have the honor to forward for sanction the estimates noted in the margin for re-building bridges on the roads from Cuddalore to Verdachellum and Cuddalore to Chellumbrum, which were damaged or carried away by the great flood of October 1864.

2. The bridges carried away on the Verdachellum road were one of one arch of 24 feet, and one of three arches of 24 feet. It is intended to re-place the former by an arch of 30 feet, and the latter by a bridge of three arches of 30 feet. The additional water-way thus given will, it is hoped, secure the bridges even from such a flood as that of last October.

3. The bridges on the Chellumbrum road were one of three arches of 12 feet, and a tunnel of one arch of 12 feet. These were built in 1856, and were found large enough for all floods up to that of last year. Only one of the arches of the first of these bridges has to be re-built, but it is proposed to

add another. The 12 feet tunnel is to be rebuilt as it was before.

4. As there is a large and increasing traffic on both these roads, the re-construction of these bridges is of great importance. On the Verdachellum road both the nullahs are impassable in wet weather, while those on the Chellumbrum are always difficult to cross, being within the influence of the tide.

5. The dimensions in the plans are correct, and the rates in the estimates sufficient.

6. I request that funds for these bridges may be granted from the Reserve of 1865-66.

*Proceedings of the Madras Government, Public Works Department,
28th June 1865.*

No. 647. ORDER THEREON, 28th June 1865, No. 1,790.

CIVIL WORKS, No. 98.

1. The Governor in Council approves of the estimates, amounting in the aggregate to Rupees 11,660, submitted with the papers above recorded for the re-construction of the undermentioned bridges in South Arcot, destroyed by heavy floods in October last :—

Road from Cuddalore to the Salem frontier via Verdachellum.

1. Bridge of one arch 30 feet span across the Pullienttee Oday on the 8th mile of road...	RS. 3,650
2. Bridge of three arches each of 30 feet span across the Thumbipetta Oday on the 16th mile of road ...	5,900

Road from Cuddalore to Chellumbrum.

3. Bridge of one arch of 12 feet span on the 11th mile of road ...	850
4. Do. near Pondiamkupum on the 10th mile of road ...	1,260

2. Sanction is granted for the immediate execution of the two latter works from the Reserve under "Communications," and the Government will be prepared to authorize the prosecution of the others if the Superintending Engineer can provide the requisite funds by transfers from existing allotments.

(True Extract.)

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

To the Superintending Engineer, 5th Division.
" Controller of Public Works Accounts.
" Accountant General.
" Collector of South Arcot.

Ed. S. T. Augustin.

No 49

From

C. J. Reade Esq.

Collector of South Arcot

To

Colonel C. A. Orr R. E.

*Secretary to Government D.O.
Fort Saint George*

Sir,

In forwarding the accompanying letter to your address from the Superintending Engineer 5th Division enclosing several Estimates for the reconstruction of certain Bridges destroyed in last October on important Highways, I have only to urge the necessity there really exists for these Works being put in hand at an early date, as the traffic of the parts of the Country affected is greatly retarded and the great need of these Bridges when originally erected was fully explained and recognized.

recognized.

2. I earnestly hope that
Government may be able to allot
funds for these Works, at all events
sufficient to cover the comparatively
trifling cost of rebuilding the ²¹ +
Bridges on the Chelmsford Road
which I agree with Colonel Foord
should have attention first.

I have the honor to be
Dear Sir
Yours most obedient servant
Chelmsford

19 June 1865

Chelmsford
Collector

2046

Abstract of Estimate N^o. of 1865-66

Estimate for reconstructing a Bridge of one Arch of 30 feet span across the Pulicat
@ day on the 8th Mile of the Road from Buddalore to Salem frontier by Virudachellam

Rupees Three thousand Six hundred & fifty only

Chenckhead
Collector of South Carolina

Edward Lieut Col R E
Superint^g Engineer 5th Division

[illegible]

Abstract of Estimate No. of 1865-66

*Estimate for reconstructing a Bridge of 3 Arches of 30 feet span across the Thambipetta
creek on the 16th mile of the road from Cuddalore to Salem frontier by Verduchellam*

Quantity	Items	Rate	Per	Amount	Total
22301 $\frac{1}{4}$	Cft. of Brick work in Chunnam	" 19	pcf.	2439 4 "	
3745	d ^o of Archwork	" 2 "	d ^o	468 2 "	
86	Squares of Plastering	2 8 "	sq ^{rs}	215 " "	
325	Running feet of Cornice	" 4 "	Rf.	81 4 "	
	Removing Old work	" " "	"	50 " "	
	Excavating foundation Raising approaches & Road way over the Bridge	" " "	"	300 " "	
	Centering and removing	" " "	"	200 " "	
	Temporary dam and baling water	" " "	"	60 " "	
	Scaffolding	" " "	"	30 " "	3843 10 "
21560	Cyads of Earthwork for straight cut	" 1 3	pcyds	1684 6 "	1684 6 "
	Sundries at 7 per cent				372 " "
<u>Total Estimate</u>					<u>5900</u>

Ruppes Five thousand and Nine hundred only

*Superint^d Eng^r Office
Salem June 1865*

*Edmond Smith Esq^r
Superint^d Engineer 5th Divⁿ*

*Charles Beale
Collector of South Arcot*

5th Division South Arcot
New Works Communication 1st Range

Abstract of Estimate N^o of 1865-66

Estimate for reconstructing a Bridge of One Arch of 12 feet span on the Nth side of the road from Buddalore to Chellembram

Quantity	Description of Charges	Rate	Per	Amount	Total
5096 1/2	Cubft. of Brickwork in Chunanam	19	half	557 6 11	
504	d ^o of Archwork in d ^o	2	d ^o	63 "	
16	Square of Plastering with 2 coats of Chunanam	2 5	sq ^r	40 "	
92	Running feet of Carnice work	4	Rff ^t	23 "	
	Excavating foundation filling approaches 8 1/2	"	"	30 "	
	Centring and removing	"	"	30 "	
	Scaffolding 8 1/2	"	"	20 "	
	Baling water & temporary dam	"	"	40 "	803 6 11
	Sundries at 7 percent				46 9 1
				Total Rupees	850 "

Rupees Eight hundred and fifty only

Superint^g Eng^{'s} Office
 Salem June 1865

E. A. Ford Lieut. Col. R. E.
 Superintending Engineer 5th Divⁿ

Chinnai Rende
 Collector of South Arcot

Ref 2246/65

5th Division, 1st South Arcot

New Works Communications 1st Range

Abstract Estimate N^o of 1865 66

Estimate for rebuilding fallen Arch of a Bridge on the 10th mile of the road from
Suddalore to Chellamburam adding an Arch of 12 ft. span

Quantity	Description of Charges	Rate Per	Amount	Total
6275.8	Cubef ^t of Brick work in chunam	19	686.61	
898	do of do do for Arch work	2	112.4	
50	Squares of Plastering with 2 coats of Chunam	2 8	125	
	Removing Old work		30	
	Centring and removing		60	
	Temporary dam and bailing water		100	
	Excavating foundation		20	
	Scaffolding		1183 10	
	Sundries & at 7 1/2 cent		76 5	

Total Rupees 1260

Rupees One thousand two hundred & sixty only

Sup^r Eng^r's Office
Salem June 1865

Edw^d Smith Lieut Col R^e
Superintending Engineer

Charles Deade
Collector of South Arcot

99/922.1165

2246/65

No 525

Superintending Eng^rs Office 5th Divⁿ
Salem 15th June 1865

From

Lieut^{nt} Colonel C. A. Ford R.E.
Superintending Engineer 5th Division

Colonel C. A. Orr R.E.
Secretary to Government S.P.W.

Enclosures 18 To
1 Plans
2 Drawings
4 Specifications
4 Detailed Estimates
4 Abstract — Sir

I have the honor to forward for sanction

the Estimates noted in the margin for rebuilding
bridges on the roads from Cuddalore
to Tiruchellur and Cuddalore
to Chellumburam which were
damaged or carried away by
the great flood of October 1864.

2 The bridges carried away
on the Tiruchellur road were
one of one arch of 24 feet and one
of three arches of 24 feet. It is
intended to replace the former
by an arch of 30 feet and the
latter by a bridge of 3 arches of
30 feet. The additional water way thus given,
will, it is hoped secure the bridges even from
such a flood as that of last October.

Reconstructing a Bridge of one arch of 30 feet
Span across the Pulicat the old way on the S. E. side of — 3,650
the Road from Cuddalore to Salem frontier by Tiruchellur
Reconstructing a Bridge of 3 arches of 30 feet Span
across the Sambigatta old way on the S. E. side of the Road 5,900
from Cuddalore to Salem frontier by Tiruchellur
Reconstructing a Bridge of one arch of 12 feet
Span on the N. E. side of the road from Cuddalore to 850
Chellumburam
Rebuilding the fallen ^{arch} Bridge on the S. E.
side of the Road from Cuddalore to Chellumburam 12,600
near Pondam Kupum and adding an arch of 12 feet Span

The

3 The bridges on the Chellumbrum road were one of three arches of 12 feet, and a tunnel of one arch of 12 feet. These were built in 1856, and were found large enough for all floods up to that of last year. Only one of the arches of the first of these bridges has to be rebuilt but it is proposed to add another, the 12 feet tunnel is to be rebuilt as it was before.

4 As there is a large and increasing traffic on both these roads the reconstruction of these bridges is of great importance. on the Virdachellum road both the nullahs are impassable in wet weather, while those on the Chellumbrum are always difficult to cross, being within the influence of the tide.

5 The dimensions in the plans are correct and the rates in the Estimates sufficient.

6 I request that funds for these bridges may be granted from the Reserve of 1865-66.

I have the honor to be
sir

Your Most Obedient Servant

E A and Smith Co. R.E.
Superintg. Engineer 5th Div.

Camp Jass?

Civil Works 1790

C.W.D.

Proceedings of the Madras Government.
under date the 28th June/65

Recd. the following -
From the Collector of South Arcot -
Forwarding letter from the
Superint. S. Arcot enclosing
several Estimates for reconstruction of certain Bridges
destroyed in October last

The Governor in
Council approves of the
Estimates amounting in
the aggregate to Rs 11,660
submitted with the papers
above recorded for the
reconstruction of the
damaged Bridges
in South Arcot destroyed
by heavy floods in October
last

Road from Cuddalore to the Salem frontier
- via Virudachellam -

1. Bridge of one Arch 30 feet span across the
Pulicattee Cuddy on the 8 mile of road - Rs 3650

From 20 June/65 - 28 June/65

The Deputy Commr
S. Arcot

The Secretary to Government
S. P. W.

Dated 15th

June 1865

No. 525

1992240/65

Estimates for reconstruction of
Bridges with the necessary

materials for reconstructing Bridges

on the roads from Cuddalore

to Virudachellam and Cuddalore

to Salem frontier and Cuddalore

to Salem frontier and Cuddalore

2 - Bridge of 3 Arches, each of 30 feet span
across the Thumbipetta Oday on the 16th mile
of road — — — — — Rs 5900-

Road from Juddalore to Rellumburam

3 - Bridge of one Arch of 12 feet span
on the 11th mile of road — — — — — Rs 850

4 - ~~For~~ near Pondiambupuram
on the 10th mile of road — — — — — Rs 1260-

Sanction is granted
for the immediate ex-
ecution of the two latter
works from the Reserve
under "Communications,"
and the Government
will be prepared to
authorize the prosecution
of the other if the
Superintending Engineer
can provide the requisite
funds by transfers from
~~the~~ existing allotments.

W.B.

of the Depty. Secy with two enclosures
- Intention of Rs 6000
- Accountant General
- Collector of South Arcot
Dec 29th 1886

any day the Board of Directors may require
to grant funds from the Reserve of 1886.

for 1885 & Date
Money for 1885
of the 1885
of 1885

The estimate amount
of the aggregate
of the 1885 for
the construction of
certain bridges in
the South and with
sustained.

No. 646.647