

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Police Records DEPARTMENT.

G.O. No.	Press Mis.
Dated	18

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
22nd July 1865.*

No. 575. 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, 7th July 1865, No. 52:—

SIR,

1. At Colonel Foord's request I have the honor to forward the accompanying letter from that Officer to your address, together with the plans and estimates for widening the bridge over the Guddilum river therein referred to.

2. The Superintending Engineer has stated all that can be stated in advocacy of the work. The former breadth of the bridge had been the subject of frequent complaints, and as well the occasion for many accidents; and I earnestly trust that Government will be pleased to accord their sanction for the immediate outlay of the proposed amount. At present the bridge presents a singular appearance, one-half being wider than the other, and altogether of a different style of structure, and though appearance may be of little moment, I submit that in view of the very large traffic, local and general, as pointed out by Colonel Foord, the assimilating the width of the entire bridge is a work of obvious necessity, and every thing in the way of materials being now at hand, the present would seem a most opportune occasion for completing what is wanted, while the cost would be far less probably than would have to be incurred at any future period.

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, 4th July 1865, No. 727.

SIR,

2 Plans.
1 Specification and Abstract Estimate.

1. I have the honor to forward for sanction, an estimate of Rupees 3,150, for widening a portion of the Guddilum bridge at Cuddalore, so as to make it correspond with the portion that has just been rebuilt.

2. The roadway is only fifteen feet in width, which is quite insufficient for a bridge on a Trunk Road, even at a distance from a large town, and is therefore particularly inconvenient in such a situation as this. The Guddilum bridge at Cuddalore unites the old and new portions of the principal town in the District. There is therefore a very large amount of local traffic on it besides the through traffic.

3. Ten arches of the bridge having been carried away by the great flood of last October, the opportunity was taken when rebuilding them, to increase the breadth of the roadway. This has been done by making the arches spring from the cut waters of the piers as well as from the piers themselves. The additional breadth thus obtained is four feet, and another foot by reducing the thickness of the new parapets, altogether five feet.

4. It is now proposed to widen the rest of the bridge by throwing arches on each side from cut water to cut water, and building new face walls and parapets. This is an improvement that suggested itself to me ten years ago, when I was appointed to the South Arcot District, and I was only prevented bringing the project forward while I was District Engineer by there being so many sanctioned works in progress, or which had not been commenced.

5. Now that one-half of the bridge has been rebuilt of a proper width it will be a pity to defer the completion of the work, particularly as it can be done more quickly and cheaply at the present time than at any other, as the centring and other materials are on the spot. I therefore beg to recommend that the necessary amount for this work, Rupees 3,150, may be granted from the Reserve of the current year.

No. 576. ORDER THEREON, 22nd July 1865, No. 2,114.

CIVIL WORKS, No. 74.

No. 1 Range.

1. The Governor in Council sanctions the estimate, amounting to Rupees 3,150, for widening a portion of the Guddilum bridge at Cuddalore in the South Arcot District.

2. The work may be proceeded with, in anticipation of a specific allotment later in the year.

(True Extract.)

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

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

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131

From
B W Reade Esq.
Collector of South Arcot

To
Colonel C. A. Orr
Secretary to Government D. P. W.
Fort Saint George

Sir,

At Colonel Ford's re-
quest I have the honor to forward
the accompanying letter from that
officer to your address together with
the Plans and Estimates for widening
the Bridge over the Guddelum River
therein referred to.

2 The Superintending En-
gineer has stated all that can be
stated in advocacy of the work. The
former breadth of the Bridge had
been the subject of frequent Com-
plaints, and as well the occasion
for many accidents, and I earnestly
trust

trust that Government will be
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for the immediate outlay of the
proposed amount. At present the
Bridge presents a singular ap=
pearance, one half being wider than
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ferent style of structure, & though
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the very large traffic local and
general as pointed out by Colonel
Ford, the assimilating the width
of the entire Bridge is a work of
obvious necessity and everything in
the way of materials being now at
hand, the present would seem a most
opportune occasion for completing what
is wanted while the cost would be
far less probably than would have to be
incurred at any future period.

South Arcot. I have the honor to be
Col's Office } Sir,
Cuddalore }
7th July 1865 } Your Most Obedt & Devot
Charles Headle
Collector

N^o 727.
From

Superintg. Engg's Office 5th Division
Salem, 4th July, 1865.

Sentt Col. E. A. Ford R.E.
Superintg. Engg. 5th Division
to
Colonel C. A. Orr R.E.
Secretary to Government N.W.

By,

Enclosures 3.

2 Plans.
1 Specification and
abstract Estimate.

I have the honor to forward for sanction, an estimate of Rupees 3150 for widening a portion of the Guddilum bridge at Cuddalore so as to make it correspond with the portion that has just been rebuilt.

2. The roadway is only fifteen feet in width which is quite insufficient for a bridge on a trunk road, even at a distance from a large town and is therefore particularly inconvenient in such a situation as this. The Guddilum bridge at Cuddalore unites the old and new portions of the principal town in the District. There is therefore a very large amount of local traffic on it beside the through traffic.

3. Ten arches of the bridge having been carried away by the great flood of last October, the opportunity was taken, when rebuilding them, to increase the breadth of the roadway. This has been done by making the arches spring from the cut waters of the piers as

27/7/65 J. D. M. (6)
Received 27/7/65
C. A. Orr R.E.
Secretary to Government N.W.

To -
The Secretary
Government N.W.

For the Secretary

Received 27/7/65

By -

3rd Division
21/11/65 - 22nd July 1865

for widening the
bridge over the Cuddalore
river and requesting
sanction for the same

No. 727

C. 11/5 July 1865 - A. 157

as well as from the piers themselves. The additional breadth thus obtained is four feet, and another foot by reducing the thickness of the new parapets - altogether five feet.

4. It is now proposed to widen the rest of the bridge by throwing arches on each side from cutwater to cutwater and building new face walls and parapets. This is an improvement that suggested itself to me ten years ago when I was appointed to the South West District, and I was only prevented bringing the project forward while I was District Engineer by there being so many sanctioned works in progress, which had not been commenced.

5. Now that one half of the bridge has been rebuilt of a proper width it will be a pity to defer the completion of the work, particularly as it can be done now quickly and cheaply at the present time than at any other, as the centering and other materials are on the spot. Therefore beg to recommend that the necessary amount for this work Rs 3150. may be granted from the Reserve of the Current year.

I

Share the honor to be,
Yours most truly,
W. P. Hart

E. A. Dorr
Supg. Engr. 3rd Regt.
1861

Completed

5th Division South Arcott
New Works Communication

Specification for Widening ten Arches of the
Bridge over the Guddelum River which Separates
Mungacoopum (new) from Guddalore (Old Town)

Remarks. Ten arches of this Bridge which were carried away during the flood having been rebuilt of a greater width: it is necessary that the remaining ten should be widened in like proportion the estimate provides for the necessary work; the widening will be effected by turning the Arches from the Angle form used by the Cutwaters up and down stream and by reducing the parapet walls from 1 1/2 foot on each side to 1 foot, ^{and} ~~extra~~ width of 5 feet will thus be given to the road way which will be a great improvement, the width of the Old road way between the parapet walls being only 15 feet: the cut stone estimated for is for tying the ^{new} ribs on ^{to} the Old to prevent possible tension and to increase the strength

Abstract

710	Ct of Carriage work	£	Cubf	26	110	15	.	.	.	.
			Carried over		110	15	.	.	.	.

X
From 7th 20th 1855
The Supr Engineer
to
The Secretary to
Government M.W.

Noted & 3 July 1855
Recd

No 727
Guddalore
Remaining for construction
on estimate Rs 350 for
widening a portion of the
Guddelum Bridge at
Guddalore to correspond
with the portion lately
built & reconstructing &
grant from the Revenue
of the current year

	Brought over	110	15	
2880	cuft of Archwork & Plaster	23	405	
9230	cuft of Brick in chunamud	2	1153	12
10847 1/2	Sqft of Plastering & Sqft	2	8	271 3
	Temporary dam		300	
	Centering and removing		300	
	Removing old Masonry work		100	
240	cuft of Cut stone		300	2940 14
	Scaffolding Sundries & Superintendence			209 2
	Total Rupees		3150	

Superint^g Eng^r's Office,
Salem 4th June 1865

Edmond Lieut Col R & Co
Superint^g Engineer 5th Division
Charles Beade
Clerk of Public Works

Civil Works Public Works Department
No 2114
Proceedings of the Madras Government
Under date the 22nd July 1865

Read the following
From the Collector of South Arcot
Forwarding letter from
the Superintending Engineer
5th Division together with Plans
& estimates for widening the (Here enter 7th July 1865 No 52)
Bridge over the Guddalur
river & requesting sanction for
the same.

W. H.
No 1 Range

The Governor in
Council sanctions the E.
Estimate amounting to
Rupees 3150 for widening
a portion of the Guddalur
bridge at Cuddalore in
the South Arcot District.
2. The work may
be proceeded with, in
anticipation of a specific

15

1. *Staphylinus* *pygmaeus* *Lin.*
 2. *Staphylinus* *pygmaeus* *Lin.*
 3. *Staphylinus* *pygmaeus* *Lin.*
 4. *Staphylinus* *pygmaeus* *Lin.*
 5. *Staphylinus* *pygmaeus* *Lin.*
 6. *Staphylinus* *pygmaeus* *Lin.*
 7. *Staphylinus* *pygmaeus* *Lin.*
 8. *Staphylinus* *pygmaeus* *Lin.*
 9. *Staphylinus* *pygmaeus* *Lin.*
 10. *Staphylinus* *pygmaeus* *Lin.*

কাজে-কাজেই

enclosed

Richard Thomas

Indigenous, domestic

Aug. 10 1875

Q. A. 10. 10. 10. 10.

11. 10. 1911

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Journal of Management Studies, 19(1), 67-80.

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John

To The S^r Eng^r 5th Dist^{ct}
" Coll^r of S^r Roots
" Contr^ll^r.
" Acct^l Gen^l.

Dec^r 24th July

۱. در صورتیکه در هر یک از این موارد،
 ۲. در صورتیکه در هر یک از این موارد،
 ۳. در صورتیکه در هر یک از این موارد،
 ۴. در صورتیکه در هر یک از این موارد،
 ۵. در صورتیکه در هر یک از این موارد،
 ۶. در صورتیکه در هر یک از این موارد،
 ۷. در صورتیکه در هر یک از این موارد،
 ۸. در صورتیکه در هر یک از این موارد،
 ۹. در صورتیکه در هر یک از این موارد،
 ۱۰. در صورتیکه در هر یک از این موارد،

10/1865 Dep't
P. No. of Govt for clerk
(6)

No. 2114

P. No. of the M. Govt
D. 22 July/65

Exacting the estimate
amounting to Rs 3/50 for services
of a portion of the Suddellum
Prinigs at Cuddalore in the
South Arcot District.

No. 575. 576.