

(1) Number of pages 12(2) Date of repair 1-10-1910

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>181</u>	Press Mis.
<u>36-27</u>	
Dated <u>3-8-1870</u>	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
3rd August 1870.*

No 36. Read the following letter from the Acting Superintending Engineer,
8th Division, to the Secretary to Government, Public Works Department,
dated Palamcottah, 16th July 1870, No 1,036 —

CAPTAIN Prendergast's reports will have appraised Government of the damage
One Estimate done to the bridge of eleven arches over
the Tambrapurni River at Palamcottah

by the extraordinary floods of November last. Four out of the eleven arches of 60
feet span were totally destroyed, and two more are cracked transversely through
the crown and will have to be taken down eventually. The remaining five arches
are sound, and to ensure their safety I propose building abutments to the piers on
which the inner arches rest, as the present thickness of the piers (10 feet) is not
calculated to resist the lateral thrust of these arches. About 180 cubic yards of
loose rough-stone were placed against these piers when the floods subsided, but
this protection I do not consider sufficiently secure in the event of a high flood

2. I have, therefore, the honour to submit an estimate of Rupees 1,280 for
building two abutments to piers and for sundry small repairs in the way of under-
pinning the abutments, etc, and request that it may be sanctioned from the
Reserve for execution during the interval between the south-west and north-east
monsoons.

3. The first Range Officer was called upon, on the 12th May 1870, to submit
plans and estimates for rebuilding the bridge, but they are not yet ready. As
soon as I receive them I shall submit a report of the accident and proposals as to
the advisability of substituting iron girders in lieu of masonry arches in the
restoration of the bridge.

No. 37. ORDER THEREON, 3rd August 1870, No. 1,848.

CIVIL WORKS, No. 6

SANCTIONED.

2. As only a sum of Rupees
1,211 is available from the Reserve
under "Communications," the Government resolve to appropriate it to the work,
leaving it to the Superintending Engineer to provide the balance by such transfers
as he may be able to propose.

(True Extract.)

Colonel, R E.,
Secretary to Government.

To the Superintending Engineer, 8th Division
.. Controller of Public Works Accounts.

Ed S T. Augustin.

Abstract Estimate No. of 1871-72

Imperial District

Work — Constructing Buttresses to 7th & 8th Piers of Soolochannur Bridge
and other repairs for the protection of remaining arches

Quantities	Description of Work	Rate	Amount Total.
30 3/4	Carry Brick work in them — at 4 8	135 10	
129 1/2	— do — do Brick Cubes — at 2 8	324 7 1	
242 1/2	— do — do Rough Stone in them at 2	485 5 4	
20 5/8	— do — do Cut Stone in them — at 5	100 15 6	
354	Square Pointing — Square at 11	3 5 9	
180	Carry — Old loose Rough Stone & do Masonry Cubes — at 12	135	
		1187 11 8	
	By the Establishment —	35	
	Dundries —	60 1/4	

Total Estimated Repairs 1280

1st Range Office,
Palaccolath
15th June 1870

J. H. S.

A. S. S. S.
Sub Engineer in Charge 1st Range

Major
Collector. of Superintending Engineer
8/8/70

A. Colquhoun
Sub Engineer No 11144

Patented & Licensed Inventions
for Constructing Rectifiers
No. 741 in Road of Stockholm.
Rectifiers and other repairs
for the protection & renewing
cables.

August 1280

Truett
Linnemore
Linnemore

No. 91870-71

0002793/30

One letter in a letter box
from the U.S. Dept of Agr.
= 1800 18th Division to
the Secretary to Government
and 16th Div. July 1892
A. 92
70311

Enclosure 1.
Niederrade

Major G. M. (Puryear)
Superintending Engineer
3rd Division
Colonel C. A. (Ors) R. Co.
Secretary to Government (T. Mc. E.)

Captain Brindgarth's reports will have apprised Government of the damage done to the bridge of 11 arches over the Tulumbarini river at Palamedah by the extraordinary flood of 16th inst. Ten out of the 11 lower arches of 60 feet span are totally destroyed & two more are cracked & transversed by the crown & will have to be taken down eventually. The remaining arches are sound & to insure their safety, I propose building abutments to the piers on which the inner arches rest, as the present thickness of the piers (10 feet) is not calculated to resist the lateral thrust of these arches. About 180 cubic yards of loose rough stones were placed against these piers when the floods subsided: but this protection, I do not consider sufficiently secure in the

the event of a high flood.

2 I have therefore the honor to submit
an Estimate of Rupees 1280 for building
two abutments to piers, & for sundry
small repairs in the way of underpinning
the abutment &c. & I request that it
may be sanctioned from the Reserve for
execution during the interval between
the S.W. and N.E. Monsoons.

3 The 1st Range Officer was called
upon on the 12th May 1870 to submit plans
and Estimates for rebuilding the bridge
but they are not yet ready. He soon will
present them, & shall submit a report
of the accident & proposals to avoid
the possibility of substituting iron girders
in lieu of masonry arches in the recon-
struction of the bridge.

I have &c

F. M. Payne, Major
Superintending Engineer
S. P. S. M. D.

No 1848 P. W. D.

Proceedings of the Madras Government

Under date the 3rd ~~July~~ ^{August} 1870

Read the following.

From.

The Dy. Supg Engineer & Co. (H. E. No. 1036 of 16th July 1870)

Sanctioned.

As only a sum of Rs 1,211, is available from the Reserve under "Communications" the Govt resolve to appropriate it to the work, leaving it to the Supg Engineer to provide the balance by such transfers as he may be able to propose.

N

W. B.

To The Supg Engr & Co.
Controller of P. Works
Madras

11/18/70
No 1836
From
The Dy. Supg Engineer
& Co.

To,
The Secretary to Govern-
ment P. W. D.

Dy 16th July 1870.
Re: 20

Enclosure 1

Submits for sanction an esti-
mate of Rs 1280 for building
two abutments to pier for
undry small repairs of the
Abutments to pier to the locks.
= muni bridge over the same
= to repair & request to
sanction a grant of funds
for it from the reserve.
No 1848-3rd August 1870

Ok
Sent to P. W. D. 21st July 1870

No 297

Govt. of 1870: Madras.

PUBLIC WORKS.

The Superintending Engineer
of the Madras

Do - 1

End

Do - 1

G O 3rd Aug^t 1878

Nos. 26-27

Saralochanum's bridge, Tirunelveli Dist.
The estimate of Rs 1200 for lining
up the abutments to piers & for
undry repairs to Saralochanum's
bridge in the Tirunelveli District,
sanctioned.