

(1) Number of pages 10(2) Date of repair 1-11-65

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. <u>1845</u>	Press ~~Mis.~~
<u>24-25</u>	
Dated <u>1-7</u>	<u>18 65</u>

Not to be folded or roughly handled

17

Proceedings of the Madras Government, Public Works Department,
1st July 1865.

No. 24. 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 Coimbatore, 20th June 1865, No. 46 :—

SIR,

1. With reference to paragraph 5 of my letter printed with G. O. No. 2,792, of 26th September, I have the honor to submit a survey of the Bhowany river at Metapolliem, with plan and estimate of Rupees 8,000 for the addition of two arches to the existing bridge at that place.
- | | |
|-------------|--|
| 1 Survey. | |
| 1 Plan. | |
| 1 Estimate. | |

There cannot be a doubt but that the water-way originally allowed was insufficient both as to height and width ; and I consider the necessity of at least adding to the latter, as the easiest thing to be done, to be pressing. However as money is scarce now, and upwards of Rupees 2,000 were lately spent in strengthening the two damaged piers, it may suffice to provide for the work in 1866-67. I had thought of adding two timber spans to the present bridge as cheaper and quicker of construction and interfering less with traffic, but I find such work estimated by the Range Officer at more than the masonry arches.

2. There is no groyne required up-stream, and never has been, though its proposed position has been shown in the survey. The damage sustained by the piers lately repaired is fully reported in the final certificate to a bill submitted through the Controller this day, in conformity with G. O. No. 1,149, of 28th April paragraph 3.

No. 25. ORDER THEREON, 1st July 1865, No. 1,845.

CIVIL WORKS, No. 2.

The Government sanction the estimate of Rupees 8,000, submitted with this letter, for adding two arches to the bridge across the Bhowany river at Metapolliem in the Coimbatore District, and they authorize the entry of the work in the Budget of 1866-67.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,

Secretary to Government.

To the Superintending Engineer, 7th Division, with one Enclosure.
,, Controller of Public Works Accounts.

Exd. S. T. Augustin.

No. 46.

37
Superintending Engineer's Office 7th Div.
Coimbatore 20th June 1865.

Sir,

Lieut Colonel G. W. Walters R.E.
Superintending Engineer 7th Div.

To,

Colonel G. A. Orr R.E.
Secretary to Government D.P.W.
Mascas.

Sir,

Enclosures
1 Survey
1 Plan
1 Estimate

With reference to para 5 of my letter
printed with G.O. No. 2792 of 26th September
I have the honor to submit a survey of the Ksho-
wany River at Matrapollim with Plan and
Estimate of Rupees 8000 for the addition of 2
arches to the existing bridge at that place.
There cannot be a doubt but that the Waterway
originally allowed was insufficient both
as to height and width; and I consider the
necessity of at least adding to the latter, as
the easiest thing to be done, to be pressing.
However as money is scarce now, and up-
wards of Rupees 2000 were lately spent in
strengthening the 2 damaged piers, it may
suffice to provide for the work in 1866-67. I
had thought of adding 2 Timber Spans to
the present bridge as, cheaper and quicker
of construction, and interfering less with
traffic, but I find such work estimated

by the Range Officer at more than the
Masonry Arches.

2 There is no groyne required up stream
and never has been, though its proposed posi-
tion has been shown in the Survey. The
damage sustained by the Piers lately repaired
is fully reported in the final Certificate to a
Bill submitted through the Controller this
day in conformity with G. O. No. 1149 of 28
April, para 3.

I have the honor to be
Sir

Your Most Obedient Servant.

Wm. Walker Esq. M.A.
Superintending Engineer

S.A.

Per 26th April/64 - 2557-558
28th April/65 - 519-522

7th 1865 Dep. 16
7th 1865 Dep. 16
From the Sup. Engineer
at the
26th 69

To the Secretary to Govt
D. C. R.
Madras

No. 46

Dated 20 June 1865
Res. 23
Encl. 3. 11

Submitting a Survey
of the Pichavay River
at Metropollism, with
Plan and Estimate
for the addition of 2 arches
to the existing Bridge
at that place.

18, 1845-1st July 1865

24.

C. 28th June 1865 O.R. 29th

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Estimate of the probable expense of improving the Bowany Bridge near Matopoli in the
Gumbatone Range Crumblers District.

Salvage	Found work	Length	Brass	Wt	Weight	Particulars of work.	Price	Wt for	Amount of each	Artile Work	of the material of iron & steel	By whom
200	5	15	16500	Wings								
230	12	3	10350	Wing parafets								
12	3	5	180	Buttresses and backing								
Total 17715 lbs or 656 2/3 cubic yards of brick work pulling down at												8 lbs 328 - 105
32	8 1/2	4	1088	Foundation to pier								
32	10 1/2	4	1344	Do to abutment								
6	5	4	120	Do to buttresses								
95	6	4	2280	Do to wings								
Total 4832 cubic feet or 179 1/2 yds of rough stone in mortar @												3 1/2 lbs 671 1/4
21	4	5	735	Pier above								
26	9	5	1170	Abutment above								
5	5	6	180	Buttresses above								
94	4	18	6768	Wings above								
10	2 1/2	5	125	Entwaters above								
										Heavy Cast		999 4/10
												8978

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Brought forward 999 4 10

294 12 3 1323 ✓	Parapets	
42 3 4 504 ✓	Backings to pier and abutment	
294 2 1 588 ✓	Blocking course	
Total 11393	Cubic feet of brick in mortar @ 6 s. ~~622~~ 2743	
92 2 3/4 21 5313 ✓	2 Arches	
Total 5313	Cubic feet of archwork with brick in mortar @ 5 s. ~~622~~ 1660 5	
294 1 1 294 ✓	Cornice work	
Total 294	Cubic feet of cornice work @ 6 s. ~~622~~ 110 4	
20 3 1 60 ✓	Cutting rock for foundation	
Total 60	Cubic yards of D: @ 1 s. ~~622~~ 90	
92 21 1 1932 ✓	Plastering to arches	
94 18 1 1692 ✓	D: to wings	
588 3 1 1764 ✓	D: to Parapets	
Total 5388	Square feet of plastering @ 3 s. ~~622~~ 161 10 3	
	2 Guard stones @ 4 s. each	
95 5 1 145 ✓	Spacing to pier and abutment with granite	
40 5 1 200 ✓		
Total 675	Square feet of granite slopingly dressed @ 10 s. ~~622~~ 421 14	
140 3 3 600 ✓	Excavating foundation	
50 8 5 2000 ✓	Cutting down east and west approaches	
Total 2600	Cubic yards of earthwork @ 3 s. ~~622~~ 487 8	
50 6 5 50 ✓	Forming roadway	
Total 50	Cubic yards of metal and gravel @ 1 s. ~~622~~ 62 8	
	350 s. each 700 s. ~~622~~ 7444 6 1	
	ventings for 2 arches @	

Superintendent and sundries 7559 11

Total Estimated Surfaces. 8200 s. ~~622~~

Benalore
29 March 1878
Wm. L. Smith Esq
Superintendent
Assistant Engineer

7750

Civil Works Public Works Department
 No. 1845
 Proceedings of the Madras Government
 Under date the 1st July 1865
 Read the following

From the Survey Engineer J. D.

Submitting a Survey
 of the Bhowany River at (Howitzer 20th June 1865 No 46)
 Matapolliam, with Plan
 and Estimate for the addition of
 2 Arches to the existing Bridge
 at that place.

The Government sanction
 the estimate of Rs. 8000 submitted
 with this letter for adding two
 arches to the Bridge across the
 Bhowany River at Matapolliam
 in the Cannabore District, &
 they authorize the entry of the
 work in the Budget of 1866/7.

W.D.

W.D.

To The Secy to Govt with one enclos.
 Controller
 Dated 3rd July 1865

9.1
 2

See a letter from the
 Survey Engineer to the Secy to Govt
 dated 1st June 1865.
 No. 46
 Estimate of the probable
 expense of improving the
 Bhowany bridge near
 Matapolliam in the
 Cannabore District.
 Rs. 8000
 Dated 1st July 1865

Oct 1866 & after
No. of Good Friday
No. of the 1st
of January 1865

The estimated
amount to be
paid for the
riches to the
benefit of the
people of the
country is the
amount of the
contribution to
the cause of
the people.

1866-25