

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

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1561	Press
B.P. No.		Mis. →
Dated	3 - 6 - 1875	195 →

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
3rd June 1875.*

No. 83. Read the following letter from Captain J. L. L. MORANT, R.E., District Engineer, Neilgherries, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Ootacamund, 15th May 1875, No. 112:—

In Public Works G. O., No. 1,668, of the 20th June 1874, Rupees 1,365 were sanctioned for cutting down the old road forming part of the Lady Canning's Seat Road near Coonoor, between the Fern Hill bridge and the Acacia top. In Public Works G. O., No. 3,347, of the 26th November 1874, a supplemental estimate, amounting to Rupees 600, was sanctioned for removing rock unexpectedly met with in this cutting.

2. I have now the honor to submit a revised estimate, amounting to Rupees 1,707, in lieu of the one sanctioned in G. O., No. 1,668, of the 20th June 1874; as also a second supplemental estimate, amounting to Rupees 654, for removing an additional quantity of rock unexpectedly met with. The reasons for the excess in the first estimate are that the cutting (only 12 feet wide and 12 feet deep) was so cramped, and the distance to which the earth had to be carried was so long, as to enhance the rate from 4 annas to 4 annas 10 pies per cubic yard. It was also difficult, owing to the close proximity of surrounding private properties, to find place for the excavated earth. An inspection of the locality will show that the revised rate is not excessive.

3. I beg to add that Rupees 695 were expended in 1874-75 over and above the sanctioned estimates, and that Rupees 566 are needed in 1875-76.

No. 84. ORDER THEREON, 3rd June 1875, No. 1,561.

CIVIL WORKS, No. 9.

* G. O., No. 1,668, dated 20th June 1874	RS. 1,365
" " 3,347, " 26th Nov. "	600
	1,965

† Revised estimate for work sanctioned in G. O., No. 1,668, dated 20th June 1874.	1,707
Estimate sanctioned in G. O., No. 3,347, dated 26th November 1874	600
Supplemental estimate on the above.	654
	2,961

‡ Rupees 1365 + 600 + 695 = 2,660.

THE total sum sanctioned for making a through cutting on the existing road above the Brookland's Tea Estate is Rupees 1,965.* The District Engineer, Neilgherries, now submits supplemental estimates for the work by which its cost will be raised to Rupees 2,961,† and this amount is sanctioned under the explanations afforded.

2. It is stated that Rupees 695 over and above the sanctioned estimates were expended in 1874-75, in other words the expenditure was Rupees 2,660‡ as shown in the margin. The balance to be provided therefore in the current year is Rs. 301

only, and not Rupees 566 as mentioned by the District Engineer. The work may be completed without specific allotment of this amount.

(True Extract.)

To the District Engineer, Neilgherries.
" Controller of Public Works Accounts.
Esq. S. T. Austin.
Spare Copies

Major, R.E.,
Officiating Joint Secretary to Government.

District Engineer's Office
No. 112. Ootacamund 15 May 1877

From
The District Engineer
Nalgherri.

To
The Chief Engineer
& Secretary to Govt.
P. W. D.

Sir,

In P. W. D. No. 1668
of the 20th June 1874 Rs 1365 were
sanctioned for cutting down the old
road forming part of the East
Canning's road near Leonn
between the Iron Hill Bridge
and the Accana Top. In P. W.
D. No. 3347 of the 26th November
1874 a supplemental Estimate amount-
ing to Rs 600 was sanctioned for
removing rock unexpectedly met
with in this cutting.

2. I have now the honor to sub-
mit a revised Estimate amounting
to Rs 1707 in lieu of the one sanctioned
in

3. I beg to add that Rs 695 were expended in 1874-75 over and above the sanctioned Estimates and that Rs 566 are needed in 1875-76.

I have the honor to be
Sir,
Your most Obedt Servant
— Respectfully
District Engineer

21/11/75 No 2/11/75

4293

Through cutting was
3000 ft. across the
on the road to
Cannock

Submitt. Prices

Estimated 15
1000 ft. 1000 ft. 1000 ft.
1000 ft. 1000 ft. 1000 ft.

Estimated 15
1000 ft. 1000 ft. 1000 ft.
1000 ft. 1000 ft. 1000 ft.

Estimated 15
1000 ft. 1000 ft. 1000 ft.
1000 ft. 1000 ft. 1000 ft.

Estimated 15
1000 ft. 1000 ft. 1000 ft.
1000 ft. 1000 ft. 1000 ft.

Estimated 15
1000 ft. 1000 ft. 1000 ft.
1000 ft. 1000 ft. 1000 ft.

Supplemental Estimate No 3 of 1875.76
Netherbury District
Work Cost of completing the through
cutting near accacia Lope at Cornor

Dimensions	Contents	Particulars
22 8 5	880	Rocks
11 6 4	264	Do
12 6 6	432	Do
16 8 7	896	Do
	2672	feet
	91	beys

Supplemental Estimate No 3 of 1875.76
Netherbury District
Work Cost of completing the through cutting
near accacia Lope at Cornor

Qty	Description of Work	Rate	Amount	Total
91	beys of blasting & removing rocks & 5... cup 455..			
	deduct for 91 beys earthwork included in original estimate		2212	
	Insurance at 5 percent			4324
	Total Estimate			2112

District Engineer's Office
15th May 1875

J. H. Morant
District Engineer

Bellevue District

Measurements
No. 2 13-10 Contents

Particulars of Work

Mr. J. S. 15 / 2 / 20

80	4	5 1/2	1760	
80	13	3 1/2	3640	From 750 to 830 feet
100	6	6 1/2	3900	
100	14 1/2	10	14500	do 830 to 930 do
100	9	5	4500	
100	15	11 1/2	17250	do 930 to 1030 do
100	9	3 1/2	3150	
100	15	11 1/2	17625	do 1030 to 1130 do
100	10 1/2	3 1/2	3675	
100	15	11 1/2	16875	do 1130 to 1230 do
100	9	4 1/2	4050	
100	14 1/2	9 1/2	13775	do 1230 to 1330 do
100	8 1/2	4	3200	
100	14 1/2	9	12825	do 1330 to 1430 do
100	8	4	3200	
100	13 1/2	6 1/2	8775	do 1430 to 1530 do
100	6	4	2400	
100	12 1/2	2	2500	do 1530 to 1630 do
880	12	1/4	2640	Barrelling
			110,240	centrifugal

5202 Beyond Cart to cutting & wheeling
down an average of 276 yds or to
Green Hill Bridge

Storn Hill bridge
18 2 2½ 2 Drains on top Kirby's road
18 2 2½ 1 — — — — — along through cutting

Estimate No. 2 of 1875-76
 Natchez District
 Revised Estimate for completion the road
 towards the present end of the Tiger Hill road
 near the accacia slope at Leonora

Qty	Description of Work	Rate Per	Amount	Total
5202	Ceydo Earth cutting & wheeling down an average of 276 yds or to from Hill Bridge	40 cyp 15717		
3	Common Drains 18 x 24 x 2 1/2	18 @ 54	16257	
	Summies at 5 percent		819	
	Total revised Est. No		1707	
	Deduct amount sanctioned		1366	
	Excess No		341	

Natchez Engineer's Office
 Natchez
 15th May 1875

J. H. Morant
 Capt. R.
 District Engineer

Revised Estimate No. 2 of 1875-76
 Natchez District

Comparative statement of sanctioned & revised estimate of completing the road
 towards the present end of the Tiger Hill road near accacia slope at Leonora

2nd by estimate
 in 1875
 sanctioned revised
 estimate estimate

Particulars

Amount
 in
 sanctioned revised
 estimate estimate
 Rate Per
 Estimate
 estimate

Remarks -

5202 Ceydo Earth cutting & wheeling down
 an average of 276 yds or to from Hill
 Bridge

Common Drain 18 x 24 x 2 1/2 @ 18 = 1800
 Summies at 5 percent 658
 Total 18658
 Deduct Paper 186
 Excess No 18472

The cramped space in the
 cutting & the difficulty of obtain-
 ing plans when I depart
 the Engineer's estimate raised
 the rate -

Revised necessary by unaided
 able in any case to be filled
 road

Natchez Engineer's Office
 Natchez
 15th May 1875

J. H. Morant

Capt. R.
 District Engineer

Public Works Dept. 15

Proceedings of the Madras Government
Under date the 18th May 1875

Read the following

From
The District Engineer } H.E. No. 112 of 15th May 1875
Nilgheeries }
By O.N. 1561 of 2nd June 75

The total sum
sanctioned for making
a through cutting on the
existing road above the
Broo Wanda Tea Estate

G.O. 1668 of 20th June 74 Rs 1365 is Rupees 1965. The
" 3347 " 25th Nov. " 800 District Engineer Nilgheeries
1965 now submits supplemental
estimates for the work

by which its cost will
be raised to Rupees 2961,
Revised estimate for work sanctioned
in G.O. No. 1668 of 20th June 74 Rs 4707 and this amount is
Estimate sanctioned in
G.O. No. 3347 of 25th Nov 74 " 800 sanctioned under the
Supplemental estimate on the above 654
2961 explanation

explanations afforded.

It is stated that
Rupees 995 over and above
the sanctioned estimates
were expended in 1874-75.
or in other words the
expenditure was Rupees
2000 as shown in the
margin. The balance
to be provided therefore
in the current year is
Rupees 301 only and not
Rupees 500 as mentioned
by the District Engineer.
The work may be com-
pleted without specific
allotment of this
amount.

Rs 1305 + 600 + 995 = 2000.

3 Dist. Engr. Neilgherrie ✓
Cont. P.W. Accounts ✓

SC Dkd - 14-6-75

35/5 ✓

Govt. of 1875 Madras.
PUBLIC WORKS.

To

The St. Mgr.
Nilpuri

Dated

Issued

Recd.

Encl

G. O. Nilpuri, No. 15/1

Nos. 83-84

Through cutting near Bookling
Sea Estate on the road to
Lady Canning's Seat, Nilpuri
The Supplemental estimates
for completing the ———
sanctioned with remarks.