

(1) Number of pages \_\_\_\_\_

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# MADRAS RECORD OFFICE.

**Government of Madras.**

*Public Works* **DEPARTMENT.**

G.O. No. 2023 (W) Press  
Mis.

Dated 8-12- 1877.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

8th December 1877, No. 2,023 W.

Buildings and Roads.

Civil Works.

Read the following paper:—

No. 90. From Major J. L. L. MORANT, R.E., District Engineer, Nilgiris, to the Chief Engineer, Public Works Department, dated Ootacamund, 26th November 1877, No. 473.

THE rains during the past four months have been unprecedentedly heavy, and the traffic on the high trunk road between Coonoor and Ootacamund has been more than usually great. Consequently the road has been very much cut up to the great annoyance of the traffic. I therefore enclose for sanction and provision of funds an estimate, amounting to Rupees 14,478, for coating those portions of it which have most suffered with 4 and 3 inches of blue granite metal.

2. The following table gives the rainfall at Ootacamund during four corresponding months of the past nine years:—

| Month.           | 1869. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                  | INS.  | INS.  | INS.  | INS.  | INS.  | INS.  | INS.  | INS.  | INS.  |
| August ... ..    | 4.50  | 6.33  | 5.02  | 4.20  | 6.05  | 2.95  | 1.98  | 3.99  | 4.83  |
| September ... .. | 1.63  | 2.04  | 1.92  | 10.08 | 6.42  | 2.78  | 4.24  | 1.50  | 10.91 |
| October ... ..   | 3.97  | 10.10 | 10.45 | 3.99  | 7.32  | 10.24 | 8.33  | 1.66  | 8.13  |
| November ... ..  | 3.28  | 1.69  | 13.92 | 6.93  | 2.35  | 2.10  | 2.30  | .26   | 6.60  |
| Total ... ..     | 13.38 | 20.16 | 31.31 | 25.20 | 22.14 | 18.07 | 16.85 | 7.41  | 30.47 |

3. Owing to the famine having prevented grain from being supplied from Mysore to the Wynaad, the Ouchterlony Valley and to Ootacamund during the current year, grain has been carted up to Ootacamund from the Coimbatore side. The traffic has during the past four months been thus quite double what it is during the maximum period of an ordinary year.

4. The above two facts fully account for the present bad state of about a half this trunk road.

5. The annual repair allowance is Rupees 275 per mile. If the whole of this sum was expended on metalling it would provide  $73\frac{1}{2}$  cubic yards per mile, or a layer three-quarters of an inch thick for a width of only 6 feet. The wear of roads in India is calculated at one cubic yard of metal per mile for each cart that passes as a daily average over the road. The daily average during the past four months has been, I believe, at least 300.

6. At all events this road has for several years past received our constant and careful attention. But it has never been in such a state of disrepair as it is now.

2 PUBLIC WORKS DEPARTMENT, 8th DECEMBER 1877, No. 2,023 W.

No. 91. ORDER THEREON, 8th December 1877, No. 2,023 W.

THE estimate amounting to Rupees 14,478 is sanctioned for execution on emergency. As a specific appropriation of funds cannot be made, the charge must appear as an excess in the accounts of Provincial Funds against which it will be debited.

2. His Grace the Governor in Council is inclined to think that it would be more equitable in principle if all the main ghaut lines of communication were maintained from Provincial Funds, no Local Fund Boards, through whose circles they pass, being in a position to allot sufficient funds for keeping them in a proper state of repair. Before coming to a decision on the point however His Grace the Governor in Council would be glad to be furnished with a statement showing the receipts and charges which now appear in the Local Fund Accounts on the roads in question. This information the Board of Revenue will furnish through the Financial Department.

3. This sanction has been registered as Provincial No. 235 B of 1877-78.

(True Extract.)

Colonel, R.E.,  
Secretary to Government, P.W.D.

To the Financial Department.  
District Engineer, Nilgiris.  
Examiner of Public Works Accounts with Estimate.

From the District Engineer Nilgiris  
No 473 dated 26th November 1877

FOR ORDERS.

There are no funds  
available in the P. W. Dept

per a m m l m  
Secretary to Govt

The estimate for the  
road sanctioned this  
year is as follows  
possible - making the  
provision as being the  
required for the next  
year from savings  
of P. W. Dept. think there  
cannot fail to be a  
considerable amount  
being that from the

of course the Govt  
must be careful & not  
cut it off  
Before Govt is  
pledged to any thing as  
respects the whole line  
line for the road  
that the charge is  
to amount to 10000

Handwritten initials or mark at the top left of the page.

FOR ORDERS.

2023 W

I have to constantly  
hardening to last few  
months that the work  
is a considerable

I think in framing  
the next year's budget  
the Govt must make larger  
provision for communications  
& Mr. R. B. Hughes?

At the instance of the  
Supt. the Govt. is to draw  
this year almost all  
from the Govt. D. D. in  
order to enhance the  
Govt. F. W. Budget provision  
it must be remembered  
that the Govt. from last  
includes a considerable sum  
(I think I think) under this  
specified twice.

When there is a large  
charge for road & d. f. d.  
& give them nothing  
the Govt. must at least

Handwritten notes and signatures in the bottom right corner of the left page, including the word "provision" and other illegible scribbles.

District Engineer's Office  
Ootacamund 26th Nov 1877.

No 473  
From

The District Engineer  
Kilgiris

To  
The Chief Engineer  
P. N. D.  
Madras.  
Sir

The rains during the past  
12 months have been unprecedently  
heavy, and the traffic on the high  
trunk road between Coonoor and  
Ootacamund has been more than usual-  
ly great. Consequently the road  
has been very much cut up to the  
great annoyance of the traffic. I  
therefore enclose for sanction and  
provision of funds an estimate amount-  
ing to Rs 14,178 for coating those  
portions of it, which have most suffer-  
ed, with 4 and 3 inches of blue

granite mntal.

2. The following table gives the rain fall at Ootacamund during the corresponding months of the first 4 years.

| Month     | 1869  | 1870  | 1871  | 1872  | 1873  | 1874  | 1875  | 1876 | 1877  |
|-----------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| August    | 1.50  | 6.33  | 5.02  | 4.20  | 6.05  | 2.95  | 1.98  | 3.99 | 4.83  |
| September | 8.65  | 2.04  | 1.92  | 10.08 | 6.42  | 2.78  | 4.24  | 1.80 | 10.91 |
| October   | 3.97  | 10.10 | 10.45 | 3.99  | 7.32  | 14.24 | 8.33  | 1.66 | 8.13  |
| November  | 3.28  | 1.69  | 13.92 | 6.93  | 2.35  | 2.10  | 2.30  | .26  | 6.60  |
| Total     | 13.38 | 20.16 | 31.37 | 25.20 | 22.14 | 18.07 | 16.85 | 7.41 | 30.47 |

3. Owing to the difficulty of procuring grain from being supplied from Mysore to the Mysore, the Ochakany valley, and to Ootacamund during the current year, grain has been carted up to Ootacamund from the Coimbatore side. The traffic has during the past 4 months been three quite double what it is during the maximum period of an ordinary year.

4. The above two facts fully account for the present bad state of about a

half this trunk road.

5. The annual repair allowance is Rs 275 per mile. If the whole of this sum was expended on metalling, it would provide 73 1/2 cubic yards per mile, on a layer three quarters of an inch thick for a width of only 6 feet. The wear of roads in India is calculated at one cubic yard of metalling per mile for each cart that passes as a daily average over the road. The daily average during the past 4 months has been I believe at least 300.

6. At all events this road has for several years past received our constant and careful attention. But it has never been in such a state of disrepair as it is now.

I have the honor to be  
 Your most obedient servant  
 J. Morant Major. R.E.  
 District Engineer

Buildings and Roads

Shew

The District Engineer  
Nilgiris

The Chief Engineer  
P. W. D.,  
Madras

No. 473  
Dated 26th Nov 1844  
In of Enclosures. 1

Road from Coonoor to  
Ootacamund - Ambuils  
are notivats for water-  
-ling a certain portion  
of the - with Civil Eng-  
-ineers - for sanction  
and provision of funds.

408: Dec/11 1840

Ans 1-12 Dec 3/4

No 2073 W. Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

Read the following:

From the District Engineer  
Nilgiris

H.E. No. 473 dated 26 Nov 1844

The estimate amounting  
to Rs. 14478 is sanctioned  
for execution on emer-  
gency. As a specific  
appropriation of funds  
cannot be made, the  
charge must appear  
as an excess in the  
accounts of Provincial  
funds against which  
it will be debited.

His Grace the Governor  
in Council is inclined  
to think that it would  
be more equitable  
in principle if all the  
main Ghaut lines of  
Communication were  
maintained from Pro-  
vincial funds. No doubt  
Fund Boards, through whose  
Circles they pass being in  
a position to allot suffi-  
cient funds for keeping

R.F.

them in a proper  
state of repair. Before  
Coming to a decision on  
the point however His  
Grace the Governor in  
Council would be glad  
to be furnished with  
a statement showing  
the Receipts and Charges  
which now appear in  
the Local Fund accounts  
on the roads in question.  
This information the Board  
of Revenue will furnish  
through the Financial  
Department.

7-12-77  
This resolution recorded  
in para of the above Rs. has  
been registered as Provincial  
No. 238 B of 1877-78.

Financial Officer  
District Engr: R. H. C.  
Examiner, P. H. C.  
with Estm  
J. C. Copy Dated  
Sepd. 15-12-77

*202208*  
Sgt. of 1877 *12*  
PUBLIC WORKS.

To  
*The Financial Dept.*

Dated

Issued

Recd.

Encl.

G. O., 8 Decr 1877, No. 202316

Nos. 90-91

*Road from Coonass to  
Potacamund. Bilgini D.  
Sanctions with remarks the  
estimate forming a  
certain portion of the*

*Sub to no 100*

*W. H. P.*