

(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. 2024 (W) ~~Press~~
~~Mis.~~

Dated 8-12-1877.

Not to be folded or roughly handled

17

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

8th December 1877, No. 2,024 W.

Buildings and Roads.
Civil Works.

Read the following paper :—

No. 92. From Major J. L. L. MORANT, R.E., District Engineer, Nilgiris, to the Chief Engineer, Public Works Department, dated Ootacamund, 27th November 1877, No. 472.

THE late heavy rains have, I regret to say, caused very serious cracks in the solid earth on the south side of the highest portion of the Elk Hill Cutting at the entrance into Ootacamund from the Coonoor side. The cracks in the earth have extended across the south abutment of the aqueduct, which supplies the south of Ootacamund with water. The earth cracks are numerous and large, and cover a large area of ground. The roadway in the cutting has been forced up irregularly about a yard in height, and the south side of the cutting within the cracks has slipped down without falling on to the road about one foot.

2. I have as a precautionary measure taken down the southernmost bay of the aqueduct (which has 3 spans of about 40 feet each), punned and filled in all the smaller cracks in the earth, and turned the catch drain away from the cracks.

3. I will submit detailed estimates in a few weeks. In the meanwhile I solicit sanction for the employment of all the available prisoners here upon the work of removing the earth which has cracked, and which must eventually (sooner or later) fall down on to the road entirely blocking it up. The prisoners can be spared from Government House. When the road is blocked traffic will have to go round by the upper Lawrence Asylum road to Bishopsdowns, Awdry House, and so into the bazaar.

4. The cutting cannot be now left very long as it is. If it does not fall in sooner, the cracked earth will certainly give way during next year's monsoon. Then the winds are so strong and cold in the cutting that it will be difficult, if not impossible, to get any one to work there.

5. The slack season between this and next May is the most convenient to the public to get the work done.

No. 93. ORDER THEREON, 8th December 1877, No. 2,024 W.

ALL available convict labor should be employed on the work. The necessary orders will be issued in the Judicial Department as regards prisoners not already under the District Engineer's orders and available for this work.

2. As regards the convicts employed on Government House, the Governor in Council relies on the District Engineer's statement that no delay to the work, including the garden, will be caused by their withdrawal. Should any delay be anticipated the convicts must not be removed, free labor being employed instead. Should the convicts be employed on the cutting the District Engineer will take the greatest care that every possible precaution is taken to avoid accident by sudden slips, &c.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Government, P.W.D.

To the District Engineer, Nilgiris.
„ Judicial Department.

Exd. C. Howarth.
Spare Copies

Letter from the District Engineer, Nilgiris,
No. 472 dated 27th Nov 1877.

FOR ORDERS.

Ed and Col. Rb.

Secretary to Govt. P.W.D.

Got Mr. Nair's memo.
from for. House which is
concluded to press on.

Is it safe to work
concrete when a land
slip may occur at
any time?

4/12 MR

Got. Direct that all
available brick labor
be put on the work. ~~Quantity~~
adding that no work is
issued in judicial as
regards Enamors etc
already under the S.D.'s
orders. - available

The undersigned is of opinion
that if ordinary precautions
are taken, the danger
anticipated by Sir W. Robinson
need not be apprehended.
Seen MR 7/12 5.12.77

it comes the year
and before present the
employed
M

FOR ORDERS.

8
 Sir H. P. ...
 with ...

26245 5-12-77

Re ...
 His ...
 with ...
 Sir ...
 remain ...

[Signature]

[Faint handwritten text]

recd 7-12
 An 30.11

District Engineer's Office
 Ootacamund 27th Nov 1877.
 No. 472

From ...
 The District Engineer
 Madras

To ...
 The Chief Engineer
 P. W. D.
 Madras

The late heavy rains have,
 I regret to say, caused very serious
 cracks in the solid masonry on the South
 side of the highest portion of the
 Elk Mill Cutting at the entrance into
 Ootacamund from the Coonoor side.
 The cracks in the masonry have extend-
 ed across the south abutment of
 the aqueduct, which supplies the South
 of Ootacamund with water. The masonry
 cracks are numerous and large, and
 cover a large area of ground. The
 roadway in the cutting has been

foreend up irregularly about a
yard in height, and the south
side of the cutting within the
cracks has slipped down without
falling on to the Road about one
foot.

2. I have as a precautionary
measure taken down the southern
most bay of the aqueduct (which
has 3 spans of about 10 feet each)
paved and filled in all the
smaller cracks in the earth, and
turned the catch drain away from
the cracks.

3. I will submit detailed esti-
mates in a few weeks. In the
interim I solicit sanction for
the employment of all the avail-
able Prisoners here upon the work
of removing the earth which has
cracked, and which must eventually
(sooner or later) fall down on to
the road, thereby blocking it up.

The Prisoners can be spared from
Government House. When the road
is blocked traffic will have to go
round by the upper Lawrence
Mylne road to Bishopscrowes,
Audrey Moor, and so into the Pa-
reford.

4. The cutting cannot be now
left very long as it is. If it does
not fall in soon, the cracked earth
will certainly give way during
next year's snow. Then the
winds are so strong and cold
in the cutting that it will be
difficult if not impossible to get
any one to work there.

5. The slack season between
this and next May is the most
convenient to the Public to get the work
done. I have the honor to be
Sir

Your most obedient servant
John Horant Major. R.E.

Roads and Buildings

From

The District Engineer
Tilgiris

To

The Chief Engineer,
P. W. D.,
Madras.

No 472

Dated 27th Nov 1874

No of Enclosures. 0.

Old Mill at the entrance
into Orlacannid from the
Koonoor side - Reports that
the recent heavy rains have
caused a very serious breach
in the solid earth on the lower
side of the bridge portion
of the - solicits the sanction for
the employment of all the avail-
able prisoners here upon the
work of removing the earth
and states that detailed
statements will be submitted
to the Government.

LC 8: Dec 7 1874

LC 7-12

LC 30.11

No 2026 Public Works Department

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PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 8 Dec 77

Read the following:-

From the District Engineer (H. S. No 472 27 Nov 77)

All available con-
vict labor should be em-
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necessary orders will be
issued in the Judicial
Dept as regards prisoners
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available for this work.

As regards the con-
victs employed on fort
House, the Governor in
Council relies on the Dis-
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that no delay to the work,
including the Garden, will
be caused by their with-
drawal. Should any de-
lay be anticipated the

R.S.

Convicts must not be
removed, free labor being
employed instead. Should
the convicts be employed
on the cutting the District
Engs will take the greatest
care that every possible
precaution is taken
to avoid accident
by sudden slips, &c.

Wm
8-12-77

To W.R. Neilgherries ✓ 2
Mol. Dept. ✓ 6

all I Despd 8-12-77
SC Despd 17-12-77

Wm

