

(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. 780	Press Mis.
173-174	
Dated 8 — 3.	18 66.

Not to be folded or roughly handled

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Proceedings of the Madras Government, Public Works Department.
8th March 1866.

No. 173. Read the following letter from the Superintending Engineer, 3rd Division, to the Secretary to Government, Public Works Department, dated Camp, Karevemalah, Taluq Pattikondah, 15th February 1866, No. 209:—

1. With reference to G. O. No. 2,218 of 3rd August 1865, I have the honor to inform you that I have, within the last month, inspected the whole line of road from Cuddapah to Kurnool.

2. From Cuddapah to Chagulmurry, which is close to the boundary of the two Districts, the work is now progressing in a very satisfactory manner, but the balance of the present sanctioned Rupees 60,000.

estimate will not suffice to complete the work. I have given instructions to prepare a supplemental estimate, which I roughly calculate will amount to about Rupees 10,000, or 16 per cent. in excess; when submitting it I will go more fully into particulars of the cause of excess.

3. From Chagulmurry to Iyaloor, near Nundial, where the road joins the line from Kurnool to Cumbum, the work has, until lately, not been well carried out, and much damage has been done from insufficiency of water-way; it passes along a black cotton plain, and in some parts there is difficulty in procuring stone for metalling except at a great cost. Several of the tunnels have been carried away, and in their places I propose to construct road dams, which will admit of ample water-way; the old tunnels have been very badly constructed, some that have fallen in between Dussaguntla and Iyaloor have not sufficient foundation, and are constructed of dry rubble stone, pointed with chunam. The work is now progressing in a satisfactory manner, but a revised estimate is necessary, which I am having prepared.

4. From Iyaloor to Kurnool the road forms part of the Kurnool and Cumbum road, and was constructed some years ago; near the 40th mile-stone there was a large breach made last August, and between that and the 45th mile-stone the water-way provided has been very insufficient, and the road has been breached in several places; I have given instructions to submit an estimate for increasing the water-way, or providing road dams, where the road has been breached. From Iyaloor to the foot of the Nundy Cunama Ghaut the road seems never to have been completed, as there are gaps for road dams and tunnels; I have ordered to make provision also for them.

5. The chief fault in this road was made, in my opinion, in the original construction, when large stones were allowed to be used; these are now working up, and it will take time and constant attention to remove them as they show and replace with proper broken stone. I have noticed that this plan of allowing large stones to be used on the roads has been the system in many parts of this Division, and some months ago I issued a Circular prohibiting it; but I regret to say that I have had lately to reprimand some of the Overseers for not attending to my order. Serjeant Supervisor Plummer was in charge of the roads in the Nundial Range, and had apparently paid little or no attention; I have learnt from Major Flint that, when he assumed temporary charge of the Nundial Range, on Serjeant Plummer being suspended, he found large stones cropping up, and immediately set coolies

Several places: have given instructions to submit

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8th March 1866.

at work in renewing and breaking them up. At present this road, with the exception of the five miles already referred to, is in fair order, though more care must be taken in renewing the large stones as they crop up, and in selecting the gravel, as in parts there is a great quantity of earth mixed with it.

6. I pointed out to Acting Supervisor Howell, who has just taken charge of the Nundial Range, the necessity of selecting good material, and that it was even economy to go to the extra expense of carting good metal a little distance than to use the inferior kind that might be found close by.

7. As regards the sum allotted for repairs of irrigation works, I beg to state that I expect every Rupee will be spent during the current year, and that more could be expended if extra funds could be provided.

No. 174. ORDER THEREON, 8th March 1866, No. 780.

CIVIL WORKS, No. 24.

See G. O. No. 1,741, dated 16th June 1864.

is observed that the last estimate sanctioned for the portion of the road in the Cuddapah District amounts to Rupees 62,000, instead of Rupees 60,000, as stated by Major Moberly.

2. The Superintending Engineer will report the name of the Executive Officer by whom the tunnels adverted to in paragraph 3 were built, and whether the original estimate provided for their construction with dry rubble stone pointed with chunam.

3. Supervisor Plummer should be warned that any future neglect of orders on his part will be seriously noticed.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 3rd Division.
Revenue Department.

Ed. S. T. Augustin.

No 209. Camp. Harrowmatalah - Ladang.
Pattitondah - Saptah. Engineer.
From Office - 15. February 1866.
The Superintending Engineer 3
To 3rd Division 4
The Secretary to Government.

With reference to G. O. No 2218 of 3rd
August 1865 I have the honor to inform you that
I have, within the last month, inspected the whole
line of road from Cuddapah to Kurnool.

From Cuddapah to Chapulinary, which
is close to the boundary of the two Districts, the
work is now progressing in a very satisfactory
manner but the balance of the present sanctioned
estimate will not suffice to complete the work.
I have given instructions to prepare a supplemental
estimate which I am fully calculating will amount to about
Rs 10,000 or 16 per cent in excess of what submitting it
I will go more fully into particulars of the cause of excess.

From Chapulinary to Sygion, near Nundial
where the road joins the line from Kurnool to Gumbund
the work has, until lately, not been well carried out,
and much damage has been done from want of
protection of the road: of passes along a black cotton plain and
in some parts there is difficulty in procuring stone for
metalling except at a great cost. Several of the tunnels
have been carried away and in their place propose to
construct round dams which will admit of ample water-
ways. The old tunnels have been very badly constructed.
Some that have fallen in between Deapagambur and
Sygion have not sufficient gradation and constructed
of dry rubble stone pointed with chunam. The work is
now progressing in a satisfactory manner but a
revised estimate is necessary which I am now preparing.

From Sygion to Kurnool the road forms part of
the Kurnool and Gumbund road and was constructed
some years ago - near the 10th mile stone there was a
large breach made last August and between that
and the 15th mile stone the waterway provided has been
very insufficient and the road has been breached in
several places. I have given instructions to submit

an estimate for mending the roadway in front of
road dams where the road has been damaged. From
Sigaloo to the foot of the Victoria Canyon. Along
the road seems never to have been good, as there
are gaps for road dams and jumps. I have had
to make provision for these.

5 The chief fault in this road was made in
my opinion in the original construction when large
stones were allowed to be used. These are working
up and it will take time and constant attention
to remove them as they show and replace with proper
broken stone. I have noticed that this plan of
allowing large stone to be used in the road has been
the system in many parts of the Division and some
months ago I issued a circular prohibiting it. It
is regret to say that I have had to reprimand
some of the overseers for not attending to my order.
Sergeant Supervisor Plummer was in charge of the
roads in the St. Andrew Range and had apparently
paid little or no attention. I have heard from Major
Flint that when he assumed temporary charge of
the St. Andrew Range in Sergeant Plummer being
suspended, he found large stones cropping up and
immediately set Coolie at work in removing and
breaking them up. He presents this road with the
exception of the 5 miles already referred to, in perfect
order though more care must be taken in removing
the large stones as they crop up and in selecting a
gravel, as in parts there is a great quantity of earth
mixed with it.

6 I pointed out to Acting Supervisor Howell
who had just taken charge of the St. Andrew Range,
the necessity of selecting good material and that
it was even economy to go to the extra expense of
carrying good material a little distance than to use
the inferior kind that might be found close by.

7 As regards the sum allotted for repairs
of irrigation works I beg to state that I expect
every Raper will be spent during the current year and
that more could be expended if extra funds could be
provided.

Attest
Major H.
Chief Engineer

St. Andrew Range

St. Andrew Range

St. Andrew Range

St. Andrew Range

St. Andrew Range

St. Andrew Range

St. Andrew Range

St. Andrew Range

St. Andrew Range

St. Andrew Range

St. Andrew Range

Recd 3rd Aug / 1865 No 62-63

Public Works Dept
Pro. of Govt for Madras

The Superintending Engineer
2nd Division

The Secretary to Government
P. W. D.

Dated 15th February 2 1866
No. 232

No 209

Report on the state
of the road from Puddapah
to Hosur and also irrigation
works with reference to G.O.
No 2218 dated 3rd August 1865

No 173

2nd March 1866 or 5th March

No 780-8th March 1866

Public Works Department

No 780

Proceedings of the Madras Government
Under date 15th March 1866

Read the following

— dated

From the Superintending Engineer
of the B. D. Division

Reports on the state of
the road from Puddapah to
Hosur with reference to G.O.
No 2218 dated 3rd August 1865.

Recd 15th Feb / 66 No 209

The Government will await
the receipt of the estimates which
are promised in the foregoing
letter for improving and completing
the high road from Puddapah
to Hosur. It is observed that
the last estimate sanctioned
for the portion of the road in
the Puddapah District amounts
to Rs 62,000 instead of Rs 60,000
as stated by Major Moberly.

The Supt Engineer will
report the name of the Executive
Officer by whom the Tunnels
adverted to in para 3 were
built and whether the original
estimate provided for their

G.O. No 1741

16th June 1866

16th June 1866

16th June 1866

16th June 1866



6 For the Sup. Ly. - 3 Dec.
— — — Revenue — Separation
Dec^r 9th March
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3

The first of these is the
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 the eighth is the
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To Mr. D. C. P.
Gov. of Govt for Madras

No. 700.

Gov. of the Madras Govt
D/2 March/66

High road from Cud.
-dapan to Furness. The 11.
-timates for the improvement
and completion of - awaited
and the Supt. Engr. 30 Dec.
requested to furnish certain
information relative to certain
tunnels &c. on the road.

No. 173. 174