

(1) Number of pages 8(2) Date of repair 18. 9. 42

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>273</u>	Press Mis.
Dated <u>6-2-1861</u>	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
6th February 1864.*

No. 153. Read the following Official Memorandum from the Superintending Engineer, 1st Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Waltair, 20th January 1864, No. 2,099 :—

The undersigned does himself the honor of forwarding to Government, for information, an

* No. 18 of 13th January 1864.

original letter* from the Executive Engineer, No. II Range, Ganjam, with reference to a letter from this Office, No. 2,070, of 11th instant.

(Signed.) O. W. S. CHAMBERS, Lieut-Colonel, R. E.,
Superintending Engineer, 1st Division.

From Captain C. G. PHILIPPS, Executive Engineer, Ganjam, to Lieutenant-Colonel O. W. S. CHAMBERS, R. E., Superintending Engineer, 1st Division, dated Berhampore, January 1864, No. 16.

SIR,

1. I have the honor to inform you that I have just returned from the Kalingia Ghát, and have been obliged to alter the trace near Poonghy in consequence of the removal of the Sapper Company, and the impossibility of constructing heavy stone revetments with the aid of hill coolies only, as well as the difficulty of getting two masonry works built in the absence of the Sappers.

2. The new trace will be more costly as so much work executed when the original line was surveyed, or shortly afterwards, will have to be abandoned; but on the other hand, there is every prospect of the Ghát being opened to traffic by the 30th of April, if sickness does not break out again amongst the work people. There will be some saving in the item of masonry to meet the increased expenditure on scarping; but it is impossible for me to arrive at the probable increase on the whole work, until experience shows what the hill men are capable of doing, unaided by Sappers, in removing large masses of rock and building revetments.

3. Mr. Supervisor Lever must now devote much of his time to this particular work, and I am sure he will do his utmost to open the Ghát in this season with the very imperfect means at his command. He has great difficulties to contend with, and the cold is so intense just now that he can get little more than three-fourths of a day's work out of the coolies who are nearly naked and suffer terribly from the early morning frost.

4. I have much pleasure in recording the excellent service performed by the H. Company Sappers and Miners during the present short season, as well as in the two former ones, under Lieutenant Bailey, to whom I am much indebted for his zealous assistance and willing aid in directing a large body of coolies in addition to his other duties. Had he been permitted to remain until the end of February, the most difficult portion of the entire Ghát would have been completed in the most workman-like manner, and I should have felt no anxiety as to the remainder of the road to the frontier village of Sunkerakole.

5. I am happy to state that the health of the Company is not impaired to the very alarming extent anticipated. About 12 out of 87 men, I am informed, are in Hospital, and during the whole time the Company has served on this work and at Russelcondah only four deaths have occurred, two of the men being present and two absent from the Company.

No. 154. ORDER THEREON, 6th February 1864, No. 383.

1. Paragraphs 4 and 5 of Captain Philipps' letter will be communicated to the Military Department.

2. The Governor in Council has perused with much satisfaction the favorable report made by that Officer on the services rendered by Lieutenant Bailey and the H. Company Sappers and Miners in the operations for opening the Kalingia Ghát.

(True Extract.)

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

To the Military Department.

„ Superintending Engineer, 1st Division.
Exd. S. T. Augustin.

does not break out again amongst the

From Captain C. I. Kirkpatrik.
Executive Engineer
Langmuir.

To Lieut Colonel O. W. Chambers R.E.
Superintending Engineer
11th Division.

Sir,
I have the honor to inform you
that I have just returned from the
Kalingan Ghaut, and have been obliged
to alter the trace near Pongly in
consequence of the removal of the staffs
company, and the impossibility of
constructing heavy stone retaining walls with
the aid of hill coolies only: - as well
as the difficulty of getting 2. Masonry
works built in the absence of the staffs.
2. The new trace will be more costly
as so much work executed when the
original line was surveyed, or shortly
afterwards, will have to be abandoned,
but on the other hand, there is every
prospect of the Ghaut being opened to
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which is impossible for me to arrive at the
probable increase on the whole work, until
experience shows what the Hill men are
capable of doing, unaided by Sappers,
in removing large masses of rock, and
building structures.

3. Mr. Supervisor Lewis must now
devote much of his time to this particular
work, and I am sure he will do his
utmost to open the Ghaut in this season
with the very imperfect means at his
Command. — He has great difficulties
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intense just now that he can get little
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Road to the frontier Village of Sunkerahole.
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the Company is not impaired to the any
alarming extent anticipated. — About
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Hospital, and during the whole time the
Company has served on this work, and
at Rupilecondah, only 4. deaths have
occurred, two of the men being present, and
2. absent from the company.

I have the honor to be
Sir,

Your most obedt. Servant

C. J. Thripps Capt.
Executive Engr.

Berhampore.
13th January 1864

N^o 2099-

Encls: 1
63rd letter

Official Memo.

The Undersigned does himself the honor of forwarding to Government for information an original letter from the Executive Engineer N^o II Range, Ganjam, with reference to a letter from this Office, N^o 2070, of 11th instant.

12/16 of
the 63rd letter

Recd 4.08/14

Reports submitted in three
of Madras District
consequent on departure
of Mr. ...

Executive Engineer
Ganjam
Superintending Engineer
1st Division

Superintending Engineer
Office, 1st Div. Waltair.
20th January 1864

Ob. Charles ...
Superintending Engineer

To
Colonel C. A. Orr R.E.
Secretary to Govt. D.P.W.
Madras.

H. D.

Re 23rd January/53 of 576
579

1st 1864
of 23rd Jan 53 for 576
Hon. Sec. of Legation

To the Division
of the Army of the
North

Recd at 23rd Jan 53
Recd at 23rd Jan 53

1864
No 1

of 23rd Jan 53 for 576
Hon. Sec. of Legation
of 23rd Jan 53 for 576
Hon. Sec. of Legation

1864
No 1

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