M.R.O.—1—77,000—8-8-37.

(1) Number of pages 8

(2) Date of repair 3-3-43

3. Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3520 Press-Mis.-1

83-84

Dated 5-11- 1866.

Not to be folded or roughly handled

Consulting Engineer's Office
Irrigation & Canal Company
Madras, 22nd October 1866.

No. 82

From,

Captain J. Goldsmith, R.E.
Consulting for P.W.D.

To,

The Secretary to Government
Department of Pub. Works.

Sir,

1. I have the honor to submit, for the information of Government, the report of the Chief Engineer, Madras Irrigation and Canal Company, for the month of August. This report, as regards the Main Canal, gives information down to the 18th September, on which date it would appear that the Embankment was breached either in the 25th or 27th mile, - it is not quite clear which - not far from the breach which occurred in July, and had recently been closed.

2. Mr Latham's remarks on the state of banks in this part of the canal will show that the necessity is urgent for the carrying out of some such remedial measures, as those recommended in paras: 10 & 12 of my letter No. 70 of the 1st instant.

3. I consider Mr Latham's decision, to desist from

from passing water down the canal below the 23rd mile this season, a wise one. As the bank has again given way, it will be much better to set to work at once, and make the canal throughout the Section secure, than to continue to expend money on temporary works, which occupy time and labor which may be more profitably devoted to the execution of the improvements, the need of which has unfortunately been made only too evident.

4. With regard to the remarks on the coping of the Locks Aqueduct, I have suggested the fastening down of the coping stones by iron bars running along the top of the dam, and secured at about 2½ feet internals by iron bolts, carried down 3 feet into the wall and there keyed. I intended to have included this recommendation in my recent report, and as the flags, but for their thickness, would make, without the ironwork, an excellent coping, and as I believe suitable massive stone is not procurable within a moderate distance, I think the flags may be made quite secure at a moderate cost by the arrangement I have suggested, and as the Aqueduct is at present only about half its full height, the spaces for bolts &c. can easily be left in building the upper part of the wall.

7th Section.

I have the honor to be,
Sir,
Your most obedient servant,
Wm Smith Captain, R.E.
Asst Engr for S.J.C. Company.

Public Works Department.

No. 3520

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 5th November 1866

From

The Consulting Engineer
Irr: & Canal Company

Read the following

(Here enter No. 82 dated 22nd Octr 1866.)

The Chief Engineer of the Madras Irrigation and Canal Company in mentioning in supporting that the Channel which is being excavated in the neighbourhood of Bellary, as a famine relief work, is altogether ahead in plan or object with the Canal which the Company propose to construct.

Mr Saltoun's remarks regarding the

Copy in Letter to Engr
No 82 dated 22 Octr 1866
from Consulting Engineer
to the Madras Irrigation
& Canal Company

Dated 27th Novr 1866
Received 1st December
Enclosure one

To
The Secretary to Govt
P.W.D.

Copy in Letter to Engr
No 82 dated 22 Octr 1866
from Consulting Engineer
to the Madras Irrigation
& Canal Company

Dated 27th
Received 1st December
Enclosure one

To
The Secretary to Govt
P.W.D.

Public Works for the original
working plan of Government
the Upper Krishna Project
Engineers 1866 for the
Canals & Aqueducts
with certain amendments

No 3520 - 5th December 1866

No 82.

Dated 22nd October 1866

From Saltoun Esqr
To Secretary to Govt
P.W.D.

Public Works Department

Dated 27th November 1866

Received 1st December 1866

No. 3520

Enclosure one

Public Works for the original working plan of Government the Upper Krishna Project Engineers 1866 for the Canals & Aqueducts with certain amendments

No 3520 - 5th December 1866

lee Rage in the Com
pany's Canal plan
clearly the necessity
for measures being taken
to render the embankments
water tight, and the
Governor in Council
concedes that this rule
should be effected in the
manner suggested by
the Consulting Engineer
in paras 10 and 11 of
his letter No. 70, dated
1st October 1866. The Govt
will be glad to receive
an Estimate of the pro
bable cost of the work.

Copies of the pa
pers above read will
be

he forwarded to the
Right Honorable the
Secretary of State for
India in continuation
of Captain Mullins'
Report ~~already~~ just quoted

To
The Superintendent
& Manager Dr
Darjeeling Tea Co

Copy in a Letter to England.
D/22d November No 59 of 1866.

P W W & Co Supt

Rs. of Grant for Year

£ 3520.

Rs: of the Madras Govt

25th November 66

Paying orders on a
Letter from the Comrs. Exps
forwarding the Chief Engrs
Report on Irrigation and
Canal Companys Works,
for August 1866

Vide 83, 84

P. 27 Each 1660 - 3 Ch