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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 334	Press Mia
Dated 2	1877

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
1st February 1877. No. 334.*

Read the following :—

No. 81 W.

No. 42.

MEMORANDUM.

G.O., No. 3,530, 23rd December 1876.

THE Deputy Consulting Engineer for Railways having recommended that the earthwork section of such tanks and river channels as affect by their breaching the Railway bridge and banks should be increased in order that all such works may be placed beyond the possibility of failure, this recommendation being made to afford useful employment to labour requiring relief, the attention of the undersigned has been called by Government to the subject, and the following observations are submitted for consideration.

2. As Government are aware, for some time past attention has been paid to the more systematic treatment of all irrigation works with a view to render them safe and efficient, and such attention has been devoted preferentially to the safety of tanks and other works affecting the Railway. It may be added that no necessary expense has been spared to make the latter description of works fulfil the desired conditions; and in Cuddapah and elsewhere many if not all of the tanks, &c., affecting the railway have been put to rights and provided with adequate surplus works.

3. It might be going too far to assert that all the works which have been repaired are beyond the possibility of failure; but at any rate, so far as their wants could be ascertained by the local officers, and so far as the review of the estimates in this office could prevent mistakes of importance being made, they should be safe even under the strain which extraordinary rainfall, such as that of 1874, might place upon them. The undersigned thinks therefore that there is not much to be done to any works of this class, such as may not yet have been fully repaired excepted.

4. There are many river channels which have not yet been provided with head sluices, but the construction of these will necessarily be a work of time, and except for the relief of skilled labour they would not be suited to famine relief operations.

5. The District Engineer of Cuddapah may nevertheless with advantage consider Major Smith's remarks and arrange for the carrying out of any really useful work which may be found to be required. Beyond this it will be better to attend to the wants of some of the numerous tanks and channels which it has not been practicable from want of money, labour, or other causes to take up hitherto, rather than to spend money on making probably safe works doubly secure.

27th January 1877. (Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

No. 43.

ORDER THEREON, 1st February 1877, No. 334.

IRRIGATION, No. 5.

RECORDED with reference to G.O.,
No. 3,530, dated 23rd December 1876.

(True Extract.)

Lieut.-Colonel, R.E.,

Secretary to Government.

To the Consulting Engineer for Railways.
" District Engineer, Cuddapah.
" Chief Engineer for Irrigation.
" Revenue Department.
" Financial Department.

Exd. S. T. Austin.

Spare Copies

Memorandum
G. O. N 9530- 23rd December 1876.

The Deputy Consulting Engineer for Railways having recommended that the earth work section of such tanks and river channels as affect by their breaching the Railway bridges and banks should be increased in order that all such works may be placed beyond the possibility of failure, this recommendation being made to afford useful employment to labour requiring relief, the attention of the undersigned has been called by Government to the subject, and the following observations are submitted for consideration.

2. As Government are aware for some time past attention has been paid to the more systematic treatment of all irrigation works with

with a view to render them safe and efficient, and such attention has been devoted preferentially to the safety of tanks and other works affecting the Railway. It may be added that no necessary expense has been spared to make the latter description of works fulfil the desired conditions and in Cuddapah and elsewhere many if not all of the tanks affecting the Railway have been put to rights and provided with adequate surplus works.

3 It might be going far to assert that all the works which have been repaired are beyond the possibility of failure, but at any rate so far as their wants could be ascertained by the local officers, and so far as the review of the estimates in this office could prevent mistakes of importance being made, they should be safe even under the strain which extraordinary rain fall such as that of 1874 might place upon them. The undersigned thinks

thinks therefore that there is not much to be done to any works of this class, such as may not yet have been fully repaired excepted.

4 There are many river channels which have not yet been provided with head sluices, but the construction of these will necessarily be a work of time, and except for the relief of skilled labour they would not be suited to famine relief operations.

5 The District Engineer of Cuddapah may nevertheless with advantage consider Major Smith's remarks and arrange for the carrying out of any really useful work which may be found to be required. Beyond this it will be better to attend to the wants of some of the numerous tanks and channels which it has not been practicable from want of money, labour or other causes to take up hitherto, rather than to spend money on

on making probably safe works doubly
secure.

Columbiana

Genl. Colmell

Chief Engineer for Irrigation.

The Secretary to Government

P. M. D.

G.O. 23-12-76 No 3530.

Form No. 13.

P.W.D.

20 JAN 77

270

From

The Chief Engineer for Irrigation,

To

The Secretary to Government,

Public Works Department.

Dated

Despatched

Received

1877.

ENCLOSURE

No. 8/10.

Subject.

Earthwork Section of Tanks & River Channels — Memo. of observations on the recommendation of the E. Consulting Engrs for Railways, that the — affecting railway bridges & banks, should be increased.

P. W. D. Form No. 22.

No 334

Wm

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the

1st Feb'y 1877

Read the following:—

Send

The Chief Engineer for Irrigation (No. 8/10 of 27th Jan'y 1877)

Recorded with reference to G.O. No 3530 dated 23rd December 1876.

Wm

Jan 29/1

Confrs for Rygs ✓
O.S. Cuddalore ✓
Chilugor for Irriga ✓
Riv. Dept ✓
Smb — ✓
Dispd 15-2-77

Chs 870

Cont. of 11873

PUBLIC WORKS.

The Chief Eng^r for the

Detail

Survey

Draw

7th Feb^r

33/4

Nos. 42-43

Earth work Section of Banks and River
Channels affecting By Bridges and Banks

Observations of the Chief Engineer
for Irrigation on recommendation of the
Dr. Com^r Eng^r that the —, should be
increased, recorded.

Chief Eng^r