

(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.	368	Press
B.P. No.		Mis.
283-284		
Dated	14.2.1872	195

Not to be folded or roughly handled

115

*Proceedings of the Madras Government, Public Works Department,
14th February 1874.*

No. 283. Read the following letter from Lieutenant-Colonel W. FAREWELL, Inspecting Engineer for Ports and Communications, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Chepauk, 17th January 1874, No. 483-43 :—

With reference to paragraph 3 of G. O., No. 2,138, dated 27th August 1873, and your Memorandum, No. 523, of the 29th December 1873, I have the honour to enclose the sections of the Cruz Milagre Dam, marked C, on which the sections taken last year and on the 4th of January of the present year have been entered.

2. The plan marked C having been sent direct from the Government Office to the District Engineer, I overlooked its non-submission earlier, and the District Engineer appears to have lost sight of the document until I called for it early in December last year.

3. I take this opportunity of reporting that the District Engineer of Malabar states the channel shown as the old deep-water channel on the backwater side of the dam has deepened, and that a stone revetment is necessary to prevent the toe of the dam being cut away and the dam injured. The report on the subject was wanting in details, which have been called for ; as soon as they are received, the report, etc., will be submitted to Government.

No. 284. ORDER THEREON, 14th February 1874, No. 368.

CIVIL WORKS, No. 25.

A COMPARISON of the sections taken across the Cruz Milagre Dam in January and October last, with those taken in July, shows a very satisfactory amount of natural accretion in the first quarter, which appears to have been judiciously heightened and strengthened by topping with clay, by turfing, by piling, and by stone-pitching, the cost of which is provided in the estimate sanctioned in G. O., No. 363, of 14 February 1874.

2. Survey B and Sections C, received with the Inspecting Engineer's letter printed with G. O., No. 2,138, of 27th August, will be returned to him, in order that he may cause the next quarterly observations to be marked on them in support of estimates for any additional work that may then be judged necessary. Such eroding action, within the backwater, as that alleged in the 3rd paragraph of his letter under present consideration, will have to be clearly established ; and reason given for preference of longitudinal pitching to transverse intercepting groynes in arrest of such action, if authenticated.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Inspecting Engineer for Ports and Communications.

Exd. W. H. French.
Spare Copies.

No. 483.
43

Inspecting Engineer's Office
for Ports & Communications
Chepauk. Madras.

17th January 1874

From

The Inspecting Engineer for
Ports & Communications.

To

The Chief Engineer
Public Works Department.

Sir,

With reference to para.
3 of G. O. No. 2,130, dated 27th
August 1873, and your
Memorandum No. 523 of the
29th December 1873, I have
the honor to enclose the sections
of the Cruz Milagris Dam
marked C on which the
sections taken last year and
on the 14th of January of
the present year have been
entered. -

2. The plan marked C

Enclosures.

1. Sections of the
Cruz Milagris
Dam marked C.

having been sent direct from the Government Office to the District Engineer, I overlooked its non-submission earlier and the District Engineer appears to have lost sight of the document until I called for it early in December last year.

3. I take this opportunity of reporting that the District Engineer of Malabar states the Channel shown as the old deep water channel on the backwater side of the dam has deepened, and that a stone revetment is necessary to prevent the toe of the dam being cut away, and the dam injured. The report on the subject was wanting in details, which have been called for, as soon as they are received, the report ~~to~~ will

will be submitted to Govern-
-ment.

I have the honor to be
Sir,

Yours most Obedt Servt.

W. S. Smith Lieut. Col.
Inspecting Engineer for
Roads & Communication

No 368 Mr. B. 7th 1848
Pro. of the Madras Govt.
Read the following:

From the Prof. for
Porto Communications

A comparison of the sections taken across the Brady Millage Dam in January and October last, ~~as compared~~ with those taken in July, shows a very satisfactory amount of natural accretion in the first quarter, which appears to have been judiciously heightened and strengthened by topping with clay, by turving, by piling,

M. L.

P. M. 1844
 New York
 357
 Street
 of
 the
 City
 of
 New
 York
 N. Y.
 1844

Paid for Insurance 1/44
 209-80
 209-80
 403.
 Total Due.

Forming section
of the Lower Silurian
Rum marked to
indicate the section
taken last year and
on the 4th of January
of the present year.
Have been interested,
with certain remarks.

20230917 4.25
 20230917 4.25

10
J. 368-14 Feb 1/74.

will

and by stone pitching,
the cost of which is pro-
vided in the estimate
sanctioned in G.O. No. 363
of 14th January-February.

Survey B, and Sections
C, received with the
Inspecting Engineer's
letter printed with G.O.
No. 2138 of 27th August
will be returned to him,
in order that he may
cause the next quarterly
observations be marked
on them, in support
of estimates for any ad-
ditional work that
may then be judged
necessary. Such eroding
action, within the back
water, as that alleged

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in the 3rd para of his
letter under present
consideration, will
have to be clearly es-
tablished; and reason
given for preference
of longitudinal or
pitching to transverse
intercepting groynes
in arrest of such action
if authenticated. G.M.W.

18-C with Survey B & Sec. C despt 14/2/24
to the Insp. Engr for Port & Harb.

To the Insp. Engr for Port & Harb.

Despt with 28-C 16/2/24

No 357
Govt. of 1874 Madras.
PUBLIC WORKS.

*The Inspecting Engineer
for Ports and
Communications*

Dated

Recd.

Encl.

368
G. O. 14th Feb 74. No 368.

2834 2824
Nos. 2834 2824

Chay Nilagre Dam.

*Please send orders on letter
form the Inspecting Engineer for Ports
& Communications for
standing sections of the
Dam.*

Chay Nilagre Dam.

*Print soon
Plans begin with order 26074*

Chay Nilagre Dam.