

Handwritten notes in Malayalam script, including the number 7 and the date 8/9/1.

Handwritten text in Malayalam script, including the number 3039 and the date 23.11.1893.

Handwritten signature or initials.

3038
Marine Department.



PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers—

From the Superintending Engineer's circle
dated 29th October 1893 No. 392 M.

Endorsement of the Public Works
Department dated 13th November 1893 No. 3742c
on this above. Letter from the Presidency Port Officer,

Madras, dated 30th October 1893 No. 500 G.

Endorsement of the Public Works
Department dated 13th November 1893 No. 3742c
regarding groynes as hereafter—

Order 18th November 1893 No. 406

The Public Works Department will
be requested to proceed at once with the
construction of the two stone groynes on the
west side of the island for which an estimate
of Rs. 2680 was sanctioned in G.O. of 4th August
1893, No. 2014 M. The necessary funds will be
provided from the Landing and Shipping Dues Fund.

2. The estimate of Rs. 2250 for the
construction of the experimental training
groyne is approved, subject to counter
signature by the Presidency Port Officer.

G.O. of 14-8-93
No. 208. Marine

to whom it will be forwarded with the plans, report and specification - The work should be carried out with the least possible delay from funds collected under Act III of 1905.

(True Extract)

Richard
Chief Secretary.

To
The Honble Col Pennycuik R.E. ✓
Presidency Port Officer
Public Works Department.

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[G.]
[58]
1,000-15-11-93



Marine Department.

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PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers—

From the Superintending Engineer V Circle,
dated 29th October 1893 N^o 392 M.

Endorsement of the Public Works
Department dated 1st November 1893 N^o 356
on the above.

Letter from the Presidency Port Officer,
Madras, dated 30th October 1893 N^o 500 G.
356

2777 W 21.11.93

With reference to G.O. Marine, N^o 377
dated 23rd October 1893, I have the honor to acquaint
you, for the information of the Government,
that the proposal contained in para 13 of the
Proceedings of the Committee printed with G.O.
N^o 1295 W of 11th May 1891, was made after
careful consideration of the question by Colonel
Pennycuik and myself, and as it is acknowledged
by the Superintending Engineer, V Circle,
that the original idea of placing groynes
along the west side of the river was evidently
to throw off the sed of the river and so
obviate any tendency to form another opening
into the sea. I submit that as the work
had had that effect before the groynes

were permitted to fall to pieces, the
Committee were justified in assuming that
if the groynes were renewed not only would
any tendency to form another mouth be checked
but that deeper water would be obtained
on the west side of the river by the deflection
of the current to that side during the fresh.
That the deflection of the current has had such
an effect is proved by the temporary increased
depth on the jetty side obtained by the
mooring whenever practicable of all the
large cargo boats on the East side of the
river. It has also been found that when a
number of boats tied up to the railway pier
has been kept near the railway jetty for
any length of time, the current has been
deflected towards the opposite side of the
river and a deeper channel obtained. It is
therefore, the construction of a groyne
to divert the course of the river has had
the anticipated effects of deepening the
harbour on the side to which the water
was deflected and I therefore, submit with
all due deference to the opinion expressed
by the Superintending Engineer, Engineer and
the acting Chief Engineer, Public Works
Department that the groynes which have
been recommended to be renewed by Colonel
Pennycook

and also by me in

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my letter No. 500 G, dated 4th September 1893
are necessary for the purposes for which their
renewal was recommended.

Endorsement of the Public Works Depart-
ment dated 13th November 1893 No. 3742 C.

Order 18th November 1893 No. 406

The Public Works Department will
be requested to proceed at once with the
construction of the two stone groynes on the
west side of the island for which an estimate
of Rs. 2,500 was sanctioned in G.O. 214th August
1893. No. 2014 W. The necessary funds will be
provided from the Landing and Shipping Dues Fund.

The estimate of Rs. 2,250 for the
construction of the experimental training
groyne is approved, subject to counter
signature by the Presidency Port Officer
to whom it will be forwarded with the
plans, report and specification. The work
should be carried out with the least possible
delay from funds collected under Act III of 1885.

(True Extract)

Redmond
Chief Secretary.

To
The Public Works Department
Presidency Port Officer.
Hon'ble Col. Pennycook, P.C.

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[6.3] W. CURRENT No. 9911

Govt. of 189 Madras.

To

The Public Works Dept.

Dec. 22. 11. 93

Proceedings, dated 15 Nov 1893
No. 2369

Subject.

Communicating
with remarks letter from
the Surgeon General
containing certain
proposals regarding
improvements to the
Calicut Lunatic Asylum
and stating that orders
for the preparation of
plans and estimates
will issue on the PWD.

3038
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Govt. of {1893} Madras.

To The PWD

No 303 g. W. d. 23 Nov / 93

Communicated to the
Communicated to the
Supty. Engineer P Circle
who will arrange for
the immediate execution
of the work referred to
in para 1, and for
taking up that referred to
in para 2 on receipt
of the estimate duly
countersigned by the
Presidency Port Officer

Recd: 22.11.93

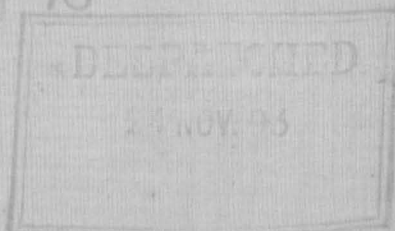
Proceedings, dated 18-11-1893,
No. 406

Subject.

Directing that the
PWD be requested to
proceed at once with the
construction of the two
stone piers mentioned
on the west side of the island
the necessary funds
being provided from the landing
& shipping dues & approp.
the estimate for Rs 2250
for the experimental
training pier subject
to countersignature of
the P. O.

guth
m. m. m.

S.E. P Circle
S.E. P Circle
G. W. d. 24/11
in P. W. d.



File of this paper put at
with C. No 9914

5/12

for the order