

*Received by
No. 2816 W. of 21. 10. 87
Communicated to*

Govt. of (1887) Madras.
MARINE.

*the Supp. Engineer to
be in continuation
of memo No. 614 D dated
26th September 1887.*

*1st/ Jost
W.*

Issued

Recd.

Encl.

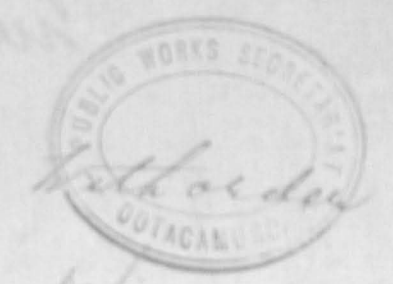
G.O., 22nd Sept. 1887, No. 425.

SEPTEMBER.

Negapatam River.

Considering that the effect of dredging should be first tried before any expenditure is incurred on the proposed works for clearing the —.

S. G. M. C. S. C.



No 614 B. 26. 9. 87.

Harbour Setty at
Negapatam.

Correspondence
relative to the
construction of
jetties in con-
-nection with the
—, forwarded to the
Sd. VI Circle.

479 B of 24th Aug/87.

Jetties at Negapatam

Papers relative to the
forwarded to Captain
Taylor, Port Officer,
Madras, with a pro-
posed joint report
for approval.

RH

A week or
two ago we had
a letter from Sd. VI
asking early orders
on this & some other
estimated for work
at Negapatam. I
think it was supposed
to be D. W. B. B.
kind of but up about
there was also

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

Office note from the Joint Secretary to Government, Public Works Department, Railway Branch, dated Madras, 30th May 1887, No. ^{1812 C.} A.

With reference to the remark embodied in Proceedings of Government, Nos. 160, 161, Marine, dated 14th April 1887, under head "Negapatam jetty," page 8—

"Captain Taylor's proposal to extend this face wall along the railway premises seems a good one, but it is understood the Railway authorities object to this."

The undersigned has the honor to invite attention to the memorandum, No. 262¹/₂, dated 3rd September 1885, to the address of the Chief Engineer, Public Works Department, from the Consulting Engineer for Railways. The Railway Company, as far as he is aware, do not in any way object to the extension of the wharf wall in front of their premises, but they do not consider that the pecuniary advantage they would gain warrants their paying for it.

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Proceedings, Marine Department, dated 1st August 1887, No. 350.

ORDER—dated 12th September 1887, No. 2449 W., Public Works.

Communicated to the Superintending Engineer, VI Circle.

2. The sanction accorded in the Marine Department (paragraph 3 c) to the estimate of Rs. 2,284 for filling in the boat basin has been registered as Local No. 24 W. of 1887-88. Funds for the work were provided in G.O., No. 1699 W., dated 24th June 1887, Public Works, and No. 917,* dated 18th August 1887, Financial.

* G.O., No. 2354 W., dated 2nd September 1887.

3. With respect to the proposal to construct a covered drain through the site of the basin, the estimate for which has been forwarded to the Municipal Council, it is observed that, in his letter No. 7029, dated 6th August 1887, the Port Officer, Madras, stated that the marine works in connection with the basin could not be properly carried out without the drain, and funds for the work were accordingly

allotted in G.O., No. 917,† dated 18th August 1887. The estimate should therefore be recalled and forwarded to the Public Works Department for execution, leaving the final incidence of the cost to be settled hereafter. The plan of the proposed drain has been transferred to this department with G.O., dated 1st August 1887, No. 350, Marine.

† G.O., No. 2354 W., dated 2nd September 1887.

4. With reference to paragraph 3 (e) of the order in the Marine Department, it is observed that the Consulting Engineer for Railways has already stated that the South Indian Railway Company have no objection to the prolongation of the quay wall in front of their premises, but that they object to pay for the work. The prolongation of the wall to the railway boundary is a work outside the railway premises, and as it has been approved by the Chief Engineer and the Port Officer in the notes recorded in G.O., dated 14th April 1887, No. 160, Marine, it may be carried out without reference to the Railway authorities. It is observed that the estimate for filling in the boat basin provides for revetting the jetty wall and Caduveyar left bank to a length of 376 feet, but it is not understood whether this revetment is intended to take the place of a jetty wall.

5. The proposals of the memorialists that the railway should be extended to the end of the jetty wall will be referred to the Consulting Engineer for consideration and report.

6. The attention of the Superintending Engineer will be drawn to the suggestion that the materials of the old store shed, the demolition of which was sanctioned in G.O., No. 810 W., dated 15th March 1887, should be utilised in filling up the boat basin.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with two enclosures.
" Consulting Engineer for Railways.
" Marine Department.
" Examiner, Public Works Accounts, with duplicate abstract estimate.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1887 Madras.

PUBLIC WORKS.

Dated September, 12th.

Read.

Encl.

G.O., 12th Sept. 1887, No. 2449 W.

SEPTEMBER.

Negapatam Port

Orders on Proceedings of the Marine Department passing orders on petition from Agents of certain Steamer Companies and other inhabitants of Negapatam suggesting certain improvements to the port.

22ND SEPTEMBER 1887, No. 425, MARINE.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

READ—again the following paper:—

G.O., dated 29th July 1887, No. 349, Marine.

Read—letter from the Public Works Department, dated 21st June 1887.

ABSTRACT.—Suggesting that the estimate *re* pile groynes for improving the Negapatam river be sent to Captain Taylor for remarks.

Order—dated 29th July 1887, No. 349, Marine.

Colonel Hasted and Captain Taylor will be requested to submit a joint report on the proposed work.

(True Extract.)

(Signed) H. E. STOKES,
Ag. Chief Secretary.

To the Public Works Department.
" Port Officer, Madras.

READ—also the following paper:—

Joint Report called for in G.O., dated 29th July 1887, No. 349, Marine, on proposed construction of pile groynes for the improvement of the Negapatam river.

On our visit to Negapatam in February last, we noticed no signs of recent alteration in the river opposite the port. There has at times been a tendency for the current to cut into the sand spit, and small protective works have been carried out from time to time which have apparently prevented any serious erosion.

2. The current of the river setting on the east side naturally tends to scour the bed on that side and to deposit sand and silt on the opposite side, but as no sections of the river have been submitted with the estimates now sent up, it is impossible to say to what extent the deposit on the shore side will now interfere with the loading and unloading of the boats at the proposed extension inland of the jetty at the site of the old boat basin. It seems to us probable, however, that this deposit may be sufficiently removed by dredging, and as an officer has been sent out from England to put the Priestman's dredger at the port (and others in the country) into efficient working order, we are of opinion that it is desirable, in the first instance, to try the effect of dredging before incurring very considerable expenditure in attempting to force the current of the river nearer the jetty.

3. We have, moreover, considerable doubt whether the work now proposed by the Executive Engineer would prove efficacious; the groynes themselves would do little towards setting the deep bed on the side of the jetty, and it is only through their arresting sand and silt, and causing a deposit all along the east side which could be planted up and secured, that they would be of use in narrowing the river and increasing the velocity of the current so that there would be little or no deposit in the river itself.

4. We also think that this object will not be most readily obtained by constructing large groynes projecting far into the river, which would cause a scour round their ends and entail trouble and expense in maintenance, but that any extension of the existing sand spit will have to be made gradually and by means of small groynes extended from time to time as the deposit they have occasioned is secured.

5. We do not recommend any expenditure except in maintenance of the sand spit, at all events until the effect of dredging has been ascertained.

31st August 1887.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer, P.W.D.

(") J. H. TAYLOR, Lieut., R.N.R.,
Port Officer, Madras.

No. 534-D.

Forwarded to the Marine Department, with reference to G.O., in that department, No. 349, dated 29th July 1887, the enclosures of which are herewith returned.

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Marine Department, with report and six enclosures.

ORDER—dated 22nd September 1887, No. 425, Marine.

His Excellency the Governor in Council concurs with the Chief Engineer, Public Works Department, and the Port Officer, Madras, that the effect of dredging should be first tried before any expenditure is incurred on the proposed works for the clearing of the Negapatam river.

(True Extract.)

H. E. STOKES,
Ag. Chief Secretary.

To the Public Works Department,
with plan and estimates.

- " Port Officer, Madras.
- " Collector of Tanjore.
- " Chairman, Negapatam Municipal Council,
(through the Collector of Tanjore).
- " Local and Municipal Department.

No 2816 W of 21.10.87
Communicated to
the Supg. Engineer
Circle in continuation
of memo No. 614 D dated
26th September 1887.

Ref No 4
H

Govt. of (1887) Madras.

MARINE.

Issued

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H. E. H. H.

Ag. Chief Secretary.

To the Public Works Department,
with plan and estimates.

" Port Officer, Madras.

" Collector of Tanjore.

" Chairman, Negapatam Municipal Council,

(through the Collector of Tanjore).

" Local and Municipal Department.

Exd. A. Raitt.

1887

2449 v. 12.9.87
4/9.24.87 (182793/87)

MC 8002

P. 2816 W. of Oct. 21, 1887
B

Communicated
to the S. B. VI Circle in
the S. B. VI Circle, in
continuation of same
Continuation
No. 614 D dated 26th
September 1887.
26 Sept 1887.

File 19/10/87
11.10.87

G. H.
2/10

S. B. VI Circle
S. B. VI Circle
with 4 enclosures.
16.11.87

Govt. of (1887) Madras.
MARINE.

Issued
Recd. 10.10.87 Encl. 2

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