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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.
Cons. 14.7.57

G.O. No. 1345	Press Mis.
<i>76-77</i> Dated 13 — 7 — 1857.	

Not to be folded or roughly handled

Fort Saint George, Public Works Consultation of 14th July 1857.

No. 76. Read the following Extract from the Proceedings of the Chief Engineer, dated 30th June 1857, No. 1659.

Read the following letter from the Superintending Engineer, Central Circle.

Reporting on the objections urged by the Master Attendant }
to the construction of more Groins near the Custom House } (Here enter 26th June 1857.)
and P. and O. Offices.

Resolved, that the foregoing letter, under date the 23th June 1857, from the Superintending Engineer Central Circle of Public Works, be submitted for the information of Government, in fulfilment of their orders No. 1211, of the 22nd Instant with an expression of the Chief Engineer's entire concurrence in the views now brought forward by Captain Collyer, in the foregoing report.

(Signed) C. E. FABER, Colonel,
Chief Engineer.

No. 77. ORDER THEREON, No. 1345; dated 13th July 1857.

On the 25th May last, the Chief Engineer forwarded a report from Captain Collyer, the Superintending Engineer of the Centre Division, on an encroachment of the sea between the Custom House and Clive's Battery groynes and the consequent erosion of the beach and destruction of the road in that locality; and expressed his own concurrence in the remedial measure proposed by that Officer, of constructing an intermediate dwarf groyne, and reducing the height of the Custom House and Light House groynes by two or three feet; the stones thus removed contributing material for the proposed dwarf groyne. Allusion having been made to objection on the

part of the Master Attendant, the Chief Engineer was called*
upon to obtain and submit that Officer's opinion, and at the
same time to report the cost of the proposed work. Colonel

Faber now reports that the Master Attendant's objection is recorded in para. 18 of his report to Government, dated 22nd August 1855, No. 1323; where, it is observed, Captain Biden states the opinion that the construction of any more groynes would interfere with boats landing goods or passengers, as occasionally it was a difficult matter to clear the extremity of the existing groynes, especially after sunset. Colonel Faber also submits a further report from Captain Collyer, in which this Officer admits the truth of Captain Biden's objection, but urges the necessity of the dwarf groyne as the only expedient to arrest the present disaster, which he states would not have taken place to such an extent, had the groyne been originally constructed. The cost of the work, if carried out to 30 yards, is stated at 3,600 Rupees; but Captain Collyer is unable to estimate the expense of restoring the road, until he tests the effect of the groyne.

2. As the dwarf groyne proposed is represented to be a work of necessity, so urgent indeed, as to be the only expedient to restore a beach and road gained at considerable expense, and as in his former report, Captain Collyer pointed out that sufficient space would be reserved for the landing of boats between the Arbuthnot's and Custom House groynes, Nos. 14 and 15, the Right Honorable the Governor in Council sanctions the construction of the work recommended, on emergency at the estimated expense of (3,600) three thousand and six hundred Rupees. The restoration of the road, it is observed, will remain for future consideration; but as it is advisable that a continuous line of roads should be preserved on the beach, it is hoped that it will not be long before the estimate is submitted for the consideration of Government. Captain Collyer alludes at the conclusion of his present letter, to a project submitted by him in July of last year for a boat harbour; but this costly project must still continue to be deferred on financial grounds.

(Signed) H. FORBES,
Acting Secretary to Government.

N^o 1657.

Extract from the Proceedings of the Chief Engineer
of the Department of Public Works, Fort Saint George

Under date the 30th June 1857.

Read the following letter

From the Superintending Engineer Central Circle.

Reporting on the objections urged by the
Master Attendant to the Construction of
grains near the Custom House and P. & O. (Here enter 26th June 1857)
Offices.

Resolved, that the foregoing letter, under date
the 26th June 1857, from the Superintending Engineer Central
Circle of Public Works, be submitted for the information of
Government, in fulfilment of their orders N^o 1211 of the 22nd Feb^r
with an expression of the Chief Engineer's entire concurrence
in the views now brought forward by Captain Collier, in
the foregoing Report.

J. A. True Extract.

W. H. Bates Colonel

Chief Engineer.

To,

The Secretary to Government P. & O.

P W Dept

No 1345

Extract from the Orders of Com.
Under date 26th July 1857

Read the following
Extract from the Proceedings
of the Chief Engineer
(Where under 30 June 57 1857)

On the 25th May last,
the Chief Eng^r forwarded a report
from Capt Collyer, the Capt^l Eng^r
of the Centre Divⁿ, on an encroach-
ment of the sea between the Custom
House and (Lives Battery) groynes
and the consequent erosion of the
beach and destruction of the road
in that locality; and expressed his
own concurrence in the remedial
measure proposed by that officer,
of constructing an intermediate
dwarf groyne, and reducing the
height of the Custom House and
Light House groynes by two or three
feet; the stones thus removed contri-
buting material for the proposed
dwarf groyne. Allusion having
been made to objection on the part

A
M

Done 23rd June 57 1857
at St. James

Edw. Leitch Esq^r Department
of the Interior

Extract from the Proceedings of
the Chief Engineer

to
the Secretary to Government

to
the Secretary to Government

Extract

Received 1st June 1857

W. H. 1857

Enclosure 1st Return
to the 13th 13th Aug

Command for information a letter
from the Chief Engineer 18-6.

Report on the operations, signed by the
Chief Engineer 18-6.

Under Attention to the Construction
of more ground near the Custom House

P. P. O. Office with an explanation of
the Chief Engineer's enclosure

on the new map brought forward
in the foregoing Report.

27 July 1857

of the Master Attendant, the Chief
Engr was called upon to obtain &
submit that officer's opinion, and
at the same time to report the cost
of the proposed ^{work} ~~groin~~. Col. Faber now
reports that the Master Attendant's
objection is recorded in para 10 of
his report to Govt dated 22nd Aug/57,
No 1323, where, it is observed, Capt
Biden states the opinion that the
construction of any more groins
would interfere with boats landing
goods or passengers, as occasionally it
was a difficult matter to clear the
extremity of the existing groin, espe-
cially after sunset. Col Faber also
submits a further report from Capt
Collyer, in which this officer admits
the truth of Capt Biden's objection,
but urges the necessity of the deep
groin as the only expedient to arrest
the present disaster, which he states
would not have taken place to such
an extent, had the groin been originally
constructed. The cost of the ^{work} ~~groin~~, if
carried out to 30 yards, is stated at
3,600 Rs; but Capt Collyer is unable
to estimate the expense of restoring
the road, until he tests the effect of
the groin.

2. As the dwarf groyne project is represented to be a work of necessity so urgent indeed, as to be the only expedient to restore a beach and road gained at considerable expense, and as in his former report, Capt Collyer pointed out that sufficient space would be reserved for the landing of boats between the 4th, 10th and 11th, and Custom House piers Nos 14 and 15, the Right Honble the Secy in Council sanctions the construction of the work recommended, on emergency, at the estimated expense of ^(£300) three thousand and six hundred rupees. The restoration of the road, it is observed, will remain for future consideration, but as it is advisable that a continuous line of road should be preserved on the beach, it is hoped that it will not be long before the estimate is submitted for the consideration of Govt. Capt Collyer alludes at the conclusion of his present letter, to a project submitted by him in July of last year for a boat harbour; but this costly

Project must still continue to
be deferred on grounds of financial
consideration grounds,

H. S.

I want to see
the other side of the
question.

4 Copies to the Chief Rep
with an Encl.
Chippewa

27 July 1210th

C 232 June/54 No 83.86
24 Oct/54 - " 53 to 55.

Public Works 1857. Report
to Council of July.

21.0/131.5

Robert Murray Gurney.

21.0/131.5 July 1857.

From Chief Engineer
24 4 Oct/54 No 2110
in 83.86.

Functioning the Condenser
in emergency of the
main engine between the
Custom House and Bridge
Batteries. They met at an early
meeting at 10.30 AM.

No 6477.