

(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. 3256-3257	Press
258-264	Mis.
Dated 14 — 11 — 1864.	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
14th November 1864.*

Read the following papers:—

No. 258. From Colonel A. J. M. BOILEAU, R. E., Superintending Engineer, 4th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Madras, 21st October 1864, No. 3,625:—

Sir,

1. With reference to your Memorandum No. 54, dated 19th October 1864, I have the honor to report that on the receipt of the Proceedings of Government, No. 2,685, dated 15th September 1864, I addressed the Superintendent of Marine, asking him if he had continued the series of soundings which he had taken between November 1862 and March 1864, of which he had favored me with a tabular Statement in April last; and if not, I asked if he would do so as the subordinates of his Department were, I considered, better qualified for such duty than those of mine. On the 7th October the Acting Assistant Superintendent of Marine informed me that the soundings had not been continued, but that instructions had then been given in the Master Attendant's Department to have a series of soundings taken monthly, which he promised to communicate to me in due course. Thus you will observe I have no soundings for September, but they will be regularly sent from the current month.

1 Tabular Statement.
1 Section.

2. I take the opportunity of forwarding the table of soundings before referred to, and also a diagram which I had prepared from the same, but exhibiting only the bed line in six out of the seventeen months' soundings taken. The entry of a greater number would, I thought, only confuse.

3. With regard to the extent of the action produced by the Pier in causing a deposit of sand along the beach, I beg to observe that on the 5th September the Assistant Engineer, Northern Range, was instructed to have sketches made from time to time of the line assumed by the sand, and was told to forward them to this Office after the north-east monsoon. He will now be requested to send them monthly.

4. In all September the beach extended 210 feet from the Pier abutment; now I observe it extends only 210 feet from the same line, and seems to be still receding.

5. From the diagram which I forward, I gather that the bed is always higher at the Pier head than it is from 100 to 160 feet nearer the shore, that from the 30th to the 37th rows is generally deeper than between the 37th and 41st rows, the mound formed at the distance of these last piles being, it is believed, that which causes the first surf to break, and that in the main the soundings taken at different times of the year do not show any very great variation from each other, those of January 1863 being however excepted, in which month either the soundings were carelessly taken, or there must have been an action at each point the very reverse of that which occurred in the other months entered in the diagram.

No. 259. Official Memorandum from Colonel A. J. M. BOILEAU, R. E., Superintending Engineer, 4th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department, Public Works dated Madras, 1st November 1864, No. 3,879A:—

1. The Superintending Engineer, 4th Division, has the honor in returning the 'Soundings, and Diagram' received yesterday from the Secretary to Government, Public Works Department, to state that soundings taken in September and October (which are now forwarded in a tabular form) have been entered therein.

1 Diagram.
1 Table of soundings

2. The 'table' shows great variations between the soundings taken on the north, and those taken on the south side of the Pier, so that perhaps it may be thought advisable in future to keep two separate diagrams, one for those on the north, the other for those on the south.

3. The beach ridge line, or that line up to which the water washes at full tide, receded greatly in the month of October.

Acting Assistant Superintendent of Marine inform

*Proceedings of the Madras Government, Public Works Department,
14th November 1861.*

No. 260.

ORDER THEREON, 14th November 1861, No. 3,256.

1. Copies of the foregoing papers will be forwarded to the Governor of the French Settlements in India, with reference to his letter of the 24th February last, No. G.
2. The Government do not concur with the Superintending Engineer, in considering it advisable to make two separate diagrams, one for the soundings taken on the north, the other for those on the south of the Pier. The object of the diagrams is to record the variations that may occur in the relative level of the sand along the line of the Pier, and this may be sufficiently attained by one series of soundings taken always on one side of the work.

(Here enter No. 3,257, dated 14th November 1861.)

(True Extract)

(Signed) CHARLES A. ORR, Colonel, R. E.
Secretary to Government.

To the Superintending Engineer, 4th Division.

Exl. S. T. Augustin.

PUBLIC WORKS DEPARTMENT.
Pier.

FORT SAINT GEORGE,
14th November 1861.

No. 3,257.

No. 261.

From

THE HONORABLE W. T. DENISON,
Governor of Fort Saint George,

To

HIS EXCELLENCY M. DONTEMPS,
Governor of the French Settlements in India.

SIR,

With reference to your letter of the 24th February last, No. G, I have the pleasure to forward herewith for your Excellency's information copies of the papers marginally noted, regarding the action of the Madras Pier on the sand forming the slope of the beach.

Letter from Superintending Engineer, 4th Division, dated 24th October 1861, with four enclosures.
Memorandum from do. dated 1st November 1861, No. 3,279.

Accept, Sir, the assurance of the high consideration with which,

I have the honor to be,

Your Excellency's most obedient,
and humble servant,

(Signed) W. T. DENISON.

Exl. S. T. Augustin.

N^o. 3625

Superint^y. Engr^y. Office Srd.
Madras 21st October 1864.

From,

Colonel A. J. M. Boileau R.E.

Superintending Engineer Srd.

Marine.

To,

Colonel C. A. Orr R.E.

Secretary to Government P.W.D.

Sir,

With reference to your Memorandum
N^o. 84 dated 19th October 1864, I have the honor
to report that on the receipt of the Proceedings
of Government N^o. 3685 dated 15th September
1864 I addressed the Superintendent of Marine
asking him if he had continued the series
of soundings which he had taken between
November 1862 and March 1864, of which he
had favored me with a Tabular Statement
in April last, and if not I asked if he would
do so as the Subordinates of his Department
were considered, better qualified for such duty
than those of mine. On the 7th October the
Acting Assistant Superintendent of Marine informed
me.

me that the Soundings had not been continued, but that instructions had then been given in the Master Attendant's Department to have a series of soundings taken monthly, which he promised to communicate to me in due course. Thus you will observe there are no soundings for September, but they will be regularly sent from the current month.

I take the opportunity of forwarding the table of Soundings before referred to, and also a diagram which I had prepared from the same, but exhibiting only the bed line in 6 out of the 17 months' soundings taken. The entry of a greater number would, I thought, only confuse.

With regard to the extent of the action produced by the Pier in causing a deposit of sand along the beach I beg to observe that on the 5th September the Assistant Engineer Northern Range was instructed to have sketches made from time to time of the lines assumed by the sand, and was told to forward them to this Office after the North

East

East Monsoon. He will now be requested to send them monthly.

4 In all September the beach extended 210 feet from the Pier Abutment; now I observe it extends only 210 feet from the same line, and seems to be still receding.

5 From the diagram which I forward, I gather that the bed is always higher at the Pier head than it is from 100 to 160 feet nearer the shore, that from the 30th to the 37th Rows is generally deeper than between the 37th and 41st Rows, the mounds formed at the distance of these last piles being it is believed that which causes the first surf to break and that in the main the soundings taken at different time of the year do not show any very great variation from each other, those of January 1863 being however excepted, in which month either the soundings were carelessly taken or there must have been an action at each point the very reverse of that which occurred in the other months entered in the Diagram.

Byjn Office 21st October 1861

I have the honor to be
Yours most Obedient Servt

W. H. Mearns Col R.E.

Colonel C. A. Orr R.E.

Secretary to Government P.W.D.

Official Memorandum.

Enclosures. The Superintending Engineer to the Govt. has
One Diagram the honor in returning the 'Soundings'.
One Table of Diagram' received yesterday from the
Soundings. Secretary to Govt. (P.W.D.) to state that Soundings
taken in September and October (which are
now forwarded in a Tabular Form) have
been entered therein.

The 'Table' shows great variations between the Soundings taken on the North, and those taken on the South side of the Pier so that perhaps it may be thought advisable in future to keep 2 Separate Diagrams one for those on the North, the other for those on the South.

The Beach Ridge line, in that line where
which the water washed ^{at full tide} has receded greatly
in the month of October.

Suf & Eng^g Office is in
Cleveland.
1st November 1864.

To Colored Church, N.Y.

3

Pos. 15. 10/24/64 J.S. 25
• 10/24/64 J.S. 25

18th Dec.
 My Dear General, I am in
 the 45th. I am
 of the 14th Dec.
 of the 14th Dec.
 of the 14th Dec.

Data 21st } October 1864
 Rec. 22 }

٧٥

183625

Submitted to the report
called for in G. O. of 12/26/85
dated 15th Feb 1886 regarding
the action proposed by the
Jury in causing a deposit of
bond.

11/10/2011-2536

William C. C. C.

of its accomplishments will be presented to the
Governor of the State of Massachusetts
with reference to his letter of the 22^d
February last 1865.

Adapted from the original letter and

To His Excellency the Governor of the State of Tennessee.

8

[illegible]

much consideration was given



9493256 P. B. Foul's Deposit
after 1/2 year.
Winter date the 14th Nov/64

Read the following

2016-10-10

From the Inspector 1.1.60
Submits the report called for
in L.S. @ No. 2685 dated 15th Sept/56
regarding the action proceeding by the
Pier in causing a deposit of sand.

ଶ.ଡି. 21st ଡିସେମ୍ବର-୧୯୮୩-୩୬୨୨

Do. Do. Do.
 Returns the certificate,
 in answer, of the Madras Pres.
 and states that proceedings taken
 in Sept and Oct have been
 entered therein.

948. 1st. Nov/61. No. 3879A

Copies of the
going papers will be
forwarded to the Governor
of the French Settlements
in India with reference to
his letter of the 24th Feb
last. N^o 6.

The first do not
concern with the super
engineer in considering

My Dear Sir

No. of your former letter
of the 17th inst.

The Supt. Engineer of the
Dept. of Ordnance has
been ordered thereon

Signed J. H. P.
Rece'd } November 6/64

N^o. 3819d.

Returning the sundry,
Diagram, of the Mammotier,
and others that I was
taken in depth by Capt. Lane
has ordered thereon

Returning the sundry,
Diagram, of the Mason's Bar,
and of the Bar Drawing,
taken in depth by Cate have
been ordered thereon.

Ms. A. 9.2.19.2

Sept 7th } Newburg 1864
Recd P }

The Sup^r Engineer 1/4 St^h
of the Secretary to Govt. P. 1000

1864
 No. of Govt. for Recorder
 of Deeds
 1864/02

MD

20

20 1864 Dept
Prof. Gove for Avar

23256

Pro. of the Alsoub
of 14. four 1/2

C. 129 7/65

I depend regarding
the action of the Finance
Bureau the result of
forming the votes
of the members of the
Finance Bureau.

7287026