

- (1) பக்கங்களின் எண்ணிக்கை 86  
 (2) புதுக்கித் திருப்பிய நாள் 22-9-90  
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் long

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

195

P. M. D. துறை

|                                       |      |                  |
|---------------------------------------|------|------------------|
| அரசாணை எண்.<br>மு. கோப்புத் தாள் எண். | 2006 | அச்சகம்<br>பலவகை |
| 24                                    |      |                  |
| நாள் : 28-7-1891                      | 198  |                  |

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

8. Sheds

38.

ஆவண. கா-1-18,006-15-6-87.

British no 1  
Samsiter 2

6

24TH JULY 1891, No. 2006 W., PUBLIC WORKS.

2006  
1

GOVERNMENT OF MADRAS.  
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.  
Civil Works.

READ—the following paper:—

From W. P. AUSTIN, Esq., C.S., Chairman, Harbour Trust Board, Madras, to  
the Chief Secretary to Government, Marine Department, dated 6th July  
1891, No. 938.

I have the honour to submit, herewith, for the information of Government, the  
usual monthly statement of progress made upon the Harbour Works for the month  
ending 31st May 1891, together with plan.

ENCLOSURE.

EXTRACT of Proceedings of the Trustees of the Harbour of Madras, at a Meeting held at the  
offices of the Board on Friday, the 3rd day of July 1891.

\*  
\*  
6. Read statement of progress made upon the Madras Harbour Works during the month  
of May 1891.

Recorded and resolved that the report be submitted to Government.

(True Extract.)

(Signed) C. PINSENT,  
Secretary, Harbour Trust Board.

PROGRESS STATEMENT NO. 17.

ENCLOSURE.

MADRAS HARBOUR WORKS.

STATEMENT showing progress during May 1891, as shown on accompanying lithographed plan No. 16.

2

24TH JULY 1891, No. 2006 W., PUBLIC WORKS.

| No of item. |  | Particulars and quantity of work, &c.                    | Column. | NORTH PIER.  |            |               |                   |                  |              | SOUTH PIER. |               |                   |                  |             |           | RAILWAY LINES. |                     |                   |                        |                   |  | Total expenditure in May 1891. |
|-------------|--|----------------------------------------------------------|---------|--------------|------------|---------------|-------------------|------------------|--------------|-------------|---------------|-------------------|------------------|-------------|-----------|----------------|---------------------|-------------------|------------------------|-------------------|--|--------------------------------|
|             |  |                                                          |         | Rubble base. | Pier Head. | Wave-breaker. | Concrete capping. | Base protection. | Rubble base. | Pier Head.  | Wave-breaker. | Concrete capping. | Base protection. | Protective. | At quays. | Sand line.     | Beach improvements. | Palisade outturn. | Concrete block-making. | Protective works. |  |                                |
| 1           |  | Rubble stone deposited from boats ..                     | Tons.   | Nil.         | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 2           |  | Do. do. from wagons ..                                   | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 3           |  | Total quantity rubble stone received on works ..         | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 4           |  | Do. blasted chips do. ..                                 | Number. | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 5           |  | Concrete blocks set by divers ..                         | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 6           |  | Do. deposited in wavebreaker ..                          | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 7           |  | Do. made for superstructure ..                           | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 8           |  | Do. Pier Head ..                                         | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 9           |  | Wrought-iron crane fixed in position ..                  | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 10          |  | Total outturn of concrete ..                             | C. yds. | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 11          |  | Advance or progress of completed superstructure. Ry. ft. | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 12          |  | Rubble base protected with concrete ..                   | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 13          |  | Metre gauge, 40 lb. per yard laid new ..                 | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 14          |  | Do. relaid or renewed ..                                 | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 15          |  | Do. taken up ..                                          | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 16          |  | Broad gauge, 50 lb. per yard laid ..                     | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 17          |  | Do. relaid or renewed ..                                 | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 18          |  | Do. taken up ..                                          | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 19          |  | Titan gauge, 75 lb. per yard laid new ..                 | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 20          |  | Do. relaid or renewed ..                                 | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 21          |  | Do. taken up ..                                          | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 22          |  | Do. ....                                                 | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 23          |  | Do. ....                                                 | "       | ..           | ..         | ..            | ..                | ..               | ..           | ..          | ..            | ..                | ..               | ..          | ..        | ..             | ..                  | ..                | ..                     | ..                |  |                                |
| 24          |  | Approximate expenditure under sub-heads of work. Rs.     | "       | 589          | 2,062      | 380           | ..                | ..               | 832          | 2,199       | 745           | ..                | ..               | 6,180       | ..        | ..             | 11,330              | 5,636             | 3,240                  | 33,419            |  |                                |

Quantity due on indents.—Nil.

TONS. CWTs. QRS. LB.  
14 3 0 4  
3,500 10 0 19

Nil caaks of cement received on works during May 1891, containing  
19,603½ do. issued for ..  
do. balance in store at end of ..

MADRAS,  
20th June 1891.

(Signed) A. LEE POGSON,  
Engineer, Harbour Trust Board.

2006  
2

24TH JULY 1891, No. 2006 W., PUBLIC WORKS.

3

Transferred to the Public Works Department.

14th July 1891.

(Signed) J. F. PRICE,  
Chief Secretary.

ORDER—dated 24th July 1891, No. 2006 W., Public Works.  
Recorded.

(True Extract.)

Major, R.E.,  
Under-Secy. to Govt., P.W.D.

To the Chairman, Harbour Trust Board.  
" Marine Department.

Exd. T. K. Narayana Iiyangar,  
Spare Copies

BUILDINGS AND ROADS.  
CIVIL WORKS.  
Govt. of {1891} Madras.  
PUBLIC WORKS.

Dated July, 24th.

Recd.

Encl.

G.O., 24th July 1891, No. 2006 W.

JULY.

Madras Harbour Works  
Progress report of the — submitted by  
the Chairman, Harbour Trust Board, for  
May 1891, recorded.

CURRENT No. 735

Harbour Trust Board Office.

MADRAS, 6 July 1891.

No. 938

Des 7-7-91

2006/43

From

W. A. Austin Esq. b.s.

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS.

To

The Honorable J. F. Price b.s.

CHIEF SECRETARY TO GOVERNMENT,

Marine Department.

Sir, I have the honor to submit herewith for the information of Government, the usual monthly statement of progress made upon the Harbour works for the month ending 31st May 1891, together with plan.

I have the honor to be

Yours

Yours obedient servant

W. A.

W. A.

Chairman  
Harbour Trust Board

210  
EXTRACT of Proceedings of the TRUSTEES OF THE HARBOUR

OF MADRAS, at a Meeting held at the Offices of the

Board on Friday the 3<sup>rd</sup> day

of July 1891.

2000/4

x x  
6. Read statement of  
progress made upon the Madras  
Harbour works during the month  
of May 1891.

Recorded and resolved  
that the report be submitted  
to Government.

x x x  
True Extract

Amout

Secretary  
Harbour Trust Board

M.F.C.



|    |                                                 |                          |                   |        |
|----|-------------------------------------------------|--------------------------|-------------------|--------|
| 4  | Do.                                             | Blaced Chips             | do.               | Number |
| 5  | Concrete Blocks—Set by Divers                   |                          |                   | Number |
| 6  | Do.                                             | Deposited in Wavebreaker |                   |        |
| 7  | Do.                                             | made for Superstructure  |                   |        |
| 8  | Do.                                             | do. Pier Head            |                   |        |
| 9  | Wrought Iron Cramp fixed in position            |                          |                   |        |
| 10 | Total out-turn of Concrete                      |                          | Cubic yards       |        |
| 11 | Advance or progress of completed superstructure |                          | Ry. feet          |        |
| 12 | Rubble Base protected with Concrete             |                          |                   |        |
| 13 | Ketle Gauge, 40 lbs. per yard laid new          |                          |                   |        |
| 14 | Do.                                             | do.                      | relaid or renewed |        |
| 15 | Do.                                             | do.                      | taken up          |        |
| 16 | Broad Gauge, 50 lbs. per yard laid              |                          |                   |        |
| 17 | Do.                                             | do.                      | relaid or renewed |        |
| 18 | Do.                                             | do.                      | taken up          |        |
| 19 | Thin Gauge, 75 lbs. per yard laid new           |                          |                   |        |
| 20 | Do.                                             | do.                      | relaid or renewed |        |
| 21 | Do.                                             | do.                      | taken up          |        |
| 22 |                                                 |                          |                   |        |
| 23 |                                                 |                          |                   |        |

233 1/2  
60 3/4

210  
60

2330  
684

406  
1473

494

|    |                                                 |        |              |   |   |              |   |     |
|----|-------------------------------------------------|--------|--------------|---|---|--------------|---|-----|
| 24 | Approximate Expenditure under Sub-heads of Work | Rupees | 589 2062 330 | " | " | 832 2199 745 | " | 326 |
|----|-------------------------------------------------|--------|--------------|---|---|--------------|---|-----|

nil Casks of Cement received on Works during May 1891

79 Do. do. issued for do.  
19,603 1/4 Do. do. Balance in Store at end of

containing

Tons. Cwts. Qrs. lbs.

0 0 0 0

14 3 0 4

3500 - 10 - 0 - 19

Quantity due on Indents.

nil

Tons Cwts. Qrs. lbs.

nil

MADRAS, 20<sup>th</sup> June

1891

U. S. P. S. M.  
Engineer, Harbour Trust Board.

2008  
6/7

Behrens A

CURRENT No. 735

G.O. 1568 waf. 6.91

Marine DEPARTMENT.

CURRENT No. 7896

Of 14<sup>th</sup> July 1891  
Transferred to the  
Public Works Department  
Secundaries  
Chief Secretary

From  
The Chairman  
Harbour Trust B  
Madras

Seen by the  
Hon. and  
initialed on the  
22-11-91  
B.P.F.  
No. 2006 waf. 24 July 1891

Recorded.

Say 50

No. 938

Dated 6 } July 1891.  
Received 9 }  
Enclosures 2 7-91 En 4

① Plan is taken by T. Section. + 1 plan

SUBJECT.

Submitting for the  
information of Govern-  
ment progress state-  
ment upon Madras Har-  
bour Works for May  
1891 with plan.

th order  
Transferred

Chairman H.I.B.  
Marine Dep<sup>y</sup> 5/8/91  
L.S.

To the P.W. Dept  
with map in a sub case

Obtained by  
Huzo m  
No 22.11

2006  
7  
8

2006

7896

Govt. of Madras.

PUBLIC WORKS.

Dated

By

Encl.

G.O. 24 July 1891. No. 2006w

Madras Harbour Works

Progress report of the  
— submitted by the  
Chairman, Harbour  
Trust Board, for  
May 1891, recorded.

60  
4

7

29/7

220  
2