(1) பக்கங்களின் எண்ணிக்கை 16

(2) புதுக்கித் திருப்பிய நாள் 22.90

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

117

அரசாணை எண். — 2223 அச்சகம்

மு. கோப்புத் தாள் எண். 2773 பலவகை

நாள் : 22-10-1891 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

7 Sheet

ஆவண. கா-1—18,006—15-6-87.

2773/1

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, to the Chief Secretary to Government, dated Madras, 28th September 1891, No. 1759.

I have the honour to submit, herewith, for the information of Government, a statement of progress made upon the Madras Harbour Works during the month of August 1891, accompanied by the usual tracing.

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 25th day of September 1891.

* * * * *

4. Read statement of progress made upon the Madras Harbour Works during the month of August 1891.

Recorded and resolved that this report be submitted to Government.

* * * * *

(True Extract.)

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

PROGRESS STATEMENT NO. 21.

MADRAS HARBOUR WORKS.

STATEMENT showing progress during August 1891 as shown on accompanying tracing No. 20.

NOTE.—The figures in *black* type denote, for comparison, progress and quantity of work done in August 1890.

No. of item.	Particulars and quantity of work, &c.	Sub-heads of work.	North Pier. Rubble base.	North Pier. Pier head.	North Pier. Wave-breaker.	North Pier. Concrete capping.	North Pier. Base protection.	South Pier. Rubble base.	South Pier. Pier head.	South Pier. Wave-breaker.	South Pier. Concrete capping.	South Pier. Base protection.	Railway lines. At works.	Railway lines. At quarries.	Railway lines. Sand line.	Railway lines. Beach improvements.	Pallávaram quarries outturn.	Concrete block-making.	Protective works.	Total expenditure during August 1891.
		Column.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	Rubble stone deposited from boats	Tons.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Nil. 4,627½	..
2	Do. do. from wagons	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Nil. 4,627½	..	..	..
3	Total quantity rubble stone received on works	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5,307½	..	..	..
4	Do. blasted chips do.	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	784½	..	..	..
5	Concrete blocks set by divers	Number.	..	Nil. 26	..	..	..	..	Nil. 21	..	..	..	..	..	..	..	..	..	..	..
6	Do. deposited in wavebreaker	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	Do. made for superstructure	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	Do. do. pier head	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9	Wrought iron cramp fixed in position	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	Total outturn of concrete	C. yds.	..	Nil.	..	..	..	..	Nil.	..	..	..	..	..	..	..	..	..	..	..
11	Advance or progress of completed superstructure	Ry. ft.	..	6½	..	..	..	..	6½	..	..	..	..	..	..	..	..	..	..	..
12	Rubble base protected with concrete	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13	Metre gauge, 40 lb. per yard laid new	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14	Do. do. relaid or renewed	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15	Do. do. taken up	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16	Broad gauge, 50 lb. per yard laid	,,	..	12	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..
17	Do. do relaid or renewed	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	Do. do. taken up	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19	Titan gauge, 75 lb. per yard laid new	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	Do. do. relaid or renewed	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21	Do. do. taken up	,,	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	.....		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23	.....		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	Approximate expenditure under sub-heads of work.	Rs.	177	4,792	..	..	..	467	3,090	48	..	98	..	..	*	..	6,038	3,974	* 2,359	21,039

Nil casks of cement received on works during August 1891, containing

				TONS.	CWTS.	QRS.	LB.
12½	do.	issued for	do. do.	..	..	..	..
11,974½	do.	balance in store at end of	do. do.	2	4	3	8
				2,137	13	3	20

Quantity due on indents.—Nil.

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

MADRAS,
9th September 1891.

22ND OCTOBER 1891, No. 2773 W., PUBLIC WORKS. 3

Transferred to the Public Works Department.

(By Order.)

(Signed) N. S. BRODIE,
Ag. Asst. Secretary.

10th October 1891.

ORDER—dated 22nd October 1891, No. 2773 W., Public Works.

Recorded.

(True Extract.)

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

2773/2

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

Exd. C. A. Manisawmy.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated October, 22nd.

Read. *Encl.*

G.O., 22nd Oct. 1891, No. 2773 W.

OCTOBER.

Madras Harbour Works

Statement of progress made on the — during August 1891, recorded.

EXTRACT of Proceedings of the TRUSTEES OF THE HARBOUR OF MADRAS, at a Meeting held at the Offices of the Board on Friday the 25th day of September 189/.

× × 2773/3 ×

4. Read statement of progress made upon the Madras Harbour works during the month of august 1891.

Recorded and resolved,- That this report be Submitted to Government.

× × ×

(True Extract)

C. Sinclair

Secretary
Harbour Trust Board

HARBOUR
26 SEP 91
MADRAS.

Qw

Plan accompanying

Scale 1 Inch = 1 Mile.

Surveyed August 1891.

Engineer
Harbour Trust Board

Plan of Harbour Works, Sea Level &c Sept 1889.

NOTE.—The contour lines show the depth

COURAGE LANE

VAUXHALL WOODLEY'S

RICE GROUND

DYMES MEAD

CLIVE'S

MARSH

PUMP

PUMP SHED

POLICE STATION

LAMPS

Magnetic Var. 19° 0' W.
1901

Annexure B

Harbour Trust Board Office.

MADRAS, 28th September 1891.

No. 1759

From

Ware Austin Esquire, C.S.I.

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS.

2772/5

To

The Honorable J. F. Price, C.S.I.

CHIEF SECRETARY TO GOVERNMENT,

Marine Department.

Sir,

I have the honor to submit herewith, for the information of Government, a statement of progress made upon the Madras Harbour works during the month of August 1891, accompanied by the usual Facing.

I have the honorable

Sir

Your obt Servant

Ware Austin

Chairman

Harbour Trust Board

Rec'd

MARINE DEPARTMENT.

C. Nos 2443 & 11-9-91

FROM

THE CHAIRMAN,
HARBOUR TRUST BOARD,
MADRAS.

TO

THE CHIEF SECRETARY TO GOVERNMENT,
Marine Department

DATED 28th Sept. 1891.
RECEIVED 29th

ENCLOSURES three

No. 1759

SUBJECT.

Submitting for information & Govt. progress statement & plan of H. Ar. works for August together with tracing

Transferred

Lr 40 16-9-91

LAWRENCE ASYLUM PRESS.

C.W. CURRENT No. 1073

9/10 October 1891

Transferred to the Public Works Dept

By order

W Brodie
Asst Secy

30 B.
9/X

R 10-10-91
E 3

Rec A.

Rec 21 Oct

Recorded.

8073
13-10-91

Dn

UNDER SEC.
29 SEP 91
PUBLIC E&S DEPT

The Chairman H.H. Bd
Marine Dept.

Rec 20-X-91 R 22-10

2773
7

1
1773

Govt. of India.

PUBLIC WORKS.

Madras Harbour Works.

Statement of progress made on the during August 91, recorded