

(1) Number of pages 10

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Publications DEPARTMENT.

G.O. No. 3987	Press ~~Mis.~~
500-501	
Dated 21-12-	1968.

Not to be folded or roughly handled

74
12

*Proceedings of the Madras Government, Public Works Department,
21st December 1868.*

No. 500. Read the following Proceedings of the Madras Government in the
Public Department:—

Sanctioning Rupees 900, being expenditure
reported to be necessary to secure the effi-
ciency of the drains of the General Hospital for } (Here enter 2nd December 1868, No. 1,476.)
carrying off storm water.

No. 501. ORDER THEREON, 21st December 1868, No. 3,987.

CIVIL WORKS, No. 55.

Communicated to the Superintend-
ing Engineer of the 4th Division, who
will submit an estimate for the improve-
ments in question, and report from what source the outlay can be met.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 4th Division.
„ Controller of Public Works Accounts.
„ Accountant General.
„ Public Department.

Exd. S. T. Augustin.

Govt. of 1868: Madras.

PUBLIC WORKS.

THE SUPERINTENDING ENGINEER

212 D. 1868.

212 D. 1868.

Dated December, 31st

Read

G. O. 21st December 1868, No. 501.

DECEMBER.

Nos 500-501

Drains of the General Hospital.—Proceedings Public Department sanctioning an expenditure of Rupees 900 for securing the efficiency of the drains of the General Hospital at Madras for carrying off storm water, communicated to the Officer concerned with certain instructions.

Proceedings of the Madras Government, Public Department,
2nd December 1868.

No. 5. Read the following letter from the Acting Superintending Engineer, 4th Division, to the Secretary to Government, Public Works Department, Fort Saint George; dated Madras, 21st November 1868, No. 4119.

I have the honor to reply to G. Os., Nos. 948 and 1136, dated 24th March and 16th April 1868, respectively, calling for a report on the state of the masonry drains surrounding the General Hospital, and their inability, as alleged by Dr. Paul, to carry off storm water.

2. Colonel Boileau appears to have left these orders unanswered, from a wish to see the drains in operation during the monsoon, and he has informed me that he took the opportunity of going down one morning while rain was yet falling, and after a recent heavy pour that lasted nearly all the previous night, and so far from finding that they did not answer the purpose of carrying off the storm water, he was pleased to find that they answered the purpose very well.

3. The Superintending Engineer informs me that he, fortunately, met Dr. Paul on the spot, and that Officer laid great stress on the lodgement of about a quarter inch deep of water here and there where dust had been blown into the drain. Colonel Boileau admitted that, in one or two places, a slight rectification of the levels required to be made, and these he has pointed out to me, and has desired me, in my capacity of Executive Engineer, to carry out, as also to fill in gravel in the yards where water lay after heavy rain. I have myself seen water standing an inch in depth in one or two places; but this was generally caused by the dust which accumulated under the crossings of stone made for the sweepers and hospital servants, especially where the earth is stored for the latrines, and it will be necessary to keep these places clean in order to secure a flow. I presume it was to such places that the Right Honorable the Governor's attention was called, and, with the very gradual slope given to the drains, it is almost impossible to remedy entirely the evil, though the drain may be much improved by the correction of some of the inequalities, by plastering the whole with hydraulic cement, and by a few short cuts on the north side. These improvements, with the permission of Government, I will at once put in hand, sending an estimate in due course. The cost of the plastering would amount to about 900 Rupees, and an experimental piece, which was lately tried at the Hospital, has shown that the water runs off much more freely, and that no stoppage will be caused by any inequality of brick-work.

4. Storm drains, I agree with Colonel Boileau in thinking, are not to be judged of, as Dr. Paul judges of them, from their comparative failure in carrying off the droppings of the stand pipes, and the washings of the verandahs, but from the manner in which they carry off storm waters; and this I concur in thinking they do very efficiently.

5. I may further observe that the situation of these drains, and the circumstances under which they were built, would not allow of a greater fall, the inclination in many portions being only one inch in 100 feet, and similar to that adopted in the scheme of the Perambore and Royapooram Lines' drainage. In these drains, as I have had opportunity of seeing this morning, the water runs with an equally sluggish current, and it is only by flushing and by the assistance, as Dr. Paul says, of the broom, that we can expect a perfect cleansing of the drain.

*Proceedings of the Madras Government, Public Department,
2nd December 1868.*

6. The apparent inequalities in some of the brick-work, and bad workmanship, are attributable to the shape of the drain, and to the employment of the common country brick for the masonry, which had to be shaped to suit the curved form of the drain. A portion of the drains, likewise, were in portions cut out of, and in portions added to, the old masonry of the basement, which gave a very untidy appearance.

Transferred to the Public Department, with reference to paragraph 3 of the Order of Government in that Department, dated 1st April 1868, No. 412.

24th November 1868.

(Signed) C. A. ORR, Colonel, R. E.,
Secy. to Govt., P. W. D.

No. 6.

ORDER THEREON, 2nd December 1868, No. 1476.

The Governor in Council sanctions an expenditure of Rupees 900, which is reported to be necessary to secure the efficiency of the drains of the General Hospital for carrying off storm water.

(True Extract).

W. S. M. S.

Chief Secretary.

To the Public Works Department.
" Inspector General, Indian Medical Department.

Exd. J. Wright.

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mslin.

Highway Dept
G.O. of 1868
No. 117.

THE PUBLIC WORKS DEPARTMENT,

Public Works Dept.
No. 11.

G.O. of 2nd December 1868, No. 1170.

RECEIVED
Nos. 5-6.

Several large and long excavations
reported to be necessary to remove the obstructions of
the drainage of the locality formed for carrying off
storm water.

No. 3987-21st Decr/68.

1868

Public Works Department
No. 3987
Proceedings of the Madras Government
Under date the 21st Decr/68
Read the following

Pro. M. Govt. Public Dept. H.E. No. 1176 dated 2nd December/68.

Communicated
to the Superintending
Engineer of the Sth Div.,
who will submit an Es-
timate for the improve-
ments in question, and
report from what source
the outlay can be met.

S. Engr 4th Div ✓
Public Works ✓
Public Land ✓
Public Dept ✓

Decr 22/12/68

W.B.

Cue 4817.

Govt. of 1868: *Madras.*

PUBLIC WORKS

*The Superintending Engrs.
1st Division*

Secy. Secy. Secy.

Dated

Recd.

Recd.

G. O. 2nd Decr 1868. No. 3987

P. 7

Nos. 500-501

Drains of the General Hospital
To: Sub-Engineer commencing an
improvement of Rs 700 for securing
the efficiency of the drains of
the General Hospital at Madras
for carrying off storm water.
Comd. Engr concerned with
entire instructions.