

(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. 243	(IV)	Press ~~Mis.~~
Dated 15-6-	1877.	

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

15th June 1877, No. 243 W.

Buildings and Roads. .

Civil Works.

Read the following paper :—

No. 130. From Major ROSS THOMPSON, R.E., District Engineer, Presidency, to the Chief Engineer, Public Works Department, Buildings and Roads, dated Fort St. George, 8th June 1877, No. 1,424.

WITH reference to G.O. No. 194 W of 4th June 1877, I have the honor to forward letter No. 407 of 6th June 1877, One original letter. from the Executive Engineer, Adyar

Junction Canal, in which he states that he has in anticipation of sanction commenced to flatten the slopes of some of the higher spoil banks, but explains that this will not involve the purchase of fresh land nor encroach on lands not already belonging to the canal.

2. I believe the flattening of these slopes to be necessary and that reducing them now will save greater labor and expenditure eventually; I trust therefore that his action in this matter may be approved.

3. He explains that he had commenced the construction of troughs to be erected at the aqueduct and syphon sites in anticipation of the approaching south-west monsoon, but that the late rains fell so heavily and unexpectedly, he was unable to get them into position, and that, even had he succeeded, they would have been swept away during the storm. He reports that irrigation ducts are now being constructed, and that they will be completed at an early date.

From Captain W. CLARKE, R.E., Executive Engineer, Junction Canal Works, to Major ROSS-THOMPSON, R.E., District Engineer, Presidency, dated 6th June 1877, No. 407.

WITH reference to your No. 1,321 of the 5th instant, enclosing certain instructions from the Chief Engineer, I have the honor to state that, in anticipation of the Chief Engineer's orders, I have taken the responsibility of having the high spoil bank slopes made flatter or given a greater slope, being convinced of the urgent necessity for carrying out such a modification as early as possible before the south-west monsoon falls; but before giving the Overseer orders to carry out the work, I ascertained from personal examination of the ground that the alteration could be effected without encroaching on any fresh land or such that had not already been purchased by Government; the orders of the Government regarding the undesirability of purchasing non-valuable ground will not therefore be affected by my having acted promptly on my own responsibility, and I hope that the steps taken will be regarded justifiable under the exceptional circumstances.

2. As explained in one of my former letters, no provision had been made for conducting the irrigation channel streams across the canal, because their being supplied by the long or Mylapore tank at so early a period in the year was not anticipated. I had commenced to construct a wooden trough with the view of erecting one at each of the syphon and aqueduct sites prior to the advent of the south-west monsoon, but the heavy fall of rain during May occurred so unexpectedly that there was not sufficient time to set up any description of water duct; however I am of opinion that had the temporary duct been set in situ, the whole would have been swept bodily away, for the volume of water that poured off the surface of the surrounding catchment area had a sectional area of upwards of 100 square feet, whereas the trough was only designed to convey across the canal the ordinary irrigation channel stream of 9 to 10 square feet.

3. Arrangements are now being made to form an open duct on the crest of a temporary earth bund thrown across the canal, which will serve the additional purpose of keeping the water out of the proposed syphon sites; their completion will be reported on at an early date.

4. A standard plan for the storm-water overshoot will be submitted as early as practicable.

No. 131. ORDER THEREON, 15th June 1877, No. 243 W.

HIS GRACE the Governor in Council considers the occupation of ground by the increased width of spoil banks impolitic, and directs the discontinuance of such operations.

2. He regards the explanation as to the non-provision of ducts for water from the Long tank to Mylapore as very unsatisfactory.

3. The result of the neglect of the Executive Engineer to attend to this matter and to provide the trough before cutting has been to throw upon Government the cost of constructing and removing a new earthen bund, and to deprive the cultivators of the advantage of the water.

(True Extract.)

Colonel. R.E.,
Secretary to Government, P.W.D.

To the District Engineer, Presidency.

P.W. Department.

*Letter from the District Engineer, Presidency
No 1424 dated 8th June 1877.*

*Circulated for
information.*

*E A Mrd Colonel R.E.
Secy to Govt. P.W.D.*

Noted

7 JUN 77

Alfred...
The Executive...
...
The District Engineer...
...
President...

With reference to your 1521,
of the 5th Sept. enclosing certain in-
structions from the Chief Engineer &
have the honor to state that in ac-
cipation of the C. Engineer's orders
I have taken the responsibility of
having the high & steep bank slope made
flatter in order a greater slope being
convinced of the urgent necessity for
carrying out some modification
as early as possible before the 5th
November falls, but before giving the
necessary orders to carry out the work
I was deterred from formal trans-
mission of the Ground, that the alteration
could be effected without interference
on any fresh Land, or such that
had not already been purchased.

by Government, the order of the Govt. regarding the undesirability of purchasing valuable ground will not therefore be affected by my having acted promptly on my own responsibility, and I hope that the steps taken will be regarded justifiable under the exceptional circumstances.

2. As explained in one of my former letters, no provision had been made for conducting the irrigation channel streams across the land, because their being supplied by the Long or Ryegrass dam at so early a period in the year was not anticipated. I had commenced to construct a wooden trough with the view of creating one at each of the S. & A. aqueduct sites prior to the advent of the S. & A. season, but the heavy fall of rain during May occurred so unexpectedly, that there was not sufficient time to set up any description of water duct, however I am of opinion that had the temporary duct been set in place,

the whole could have been swept bodily away, for the volume of water, that poured off the surface of the surrounding catchment area, had a sectional area of upwards of 100 sq. ft. - whereas the trough was only designed to convey across the Canal the ordinary irrigation channel stream of 9 to 10 sq. ft.

3. Arrangements are now being made to form an open duct on the crest of a temporary earth bund ~~across~~ across the canal, which will serve the additional purpose of keeping the water out of the proposed by-blow sites; their completion will be reported on, at an early date.

4. A Standard Plan for the storm-water overshoot will be submitted as early as practicable.

I have the honor to be
Sir
Your most Obedt. Servt.

W. L. L. . J. C. R.

Executive Engineer.
L. C. R.

L. C. R. . J. C. R.
June 1973

(No. 977)
June 1877

The Chief Engineer
A. C. Y.

Dated 6 June 77
P. M. 77

Encls.

1. Original
Letter.

4615: June 77 J. A. H. 130
Cimachon Canal,
Reports re: the high
of soil built slopes &
he has that the alluvion
could be effected without
encroaching any fresh
land. &c.

No. 1424.

From

The District Engineer,
Presidency.

To

The Chief Engineer,
Buildings and Roads.

Sir,

With reference to S. O. No. 194 W of 4th
June 1877, I have the honor to forward
letter no. 407 of June 6th 1877 from the
Executive Engineer, Adyar Sanction Canal,
in which he states that he has an-
ticipation of sanction commenced to flatten
the slopes of some of the higher spoil
banks, but explains that this will not
involve the purchase of fresh land, nor
encroach ~~on~~ on lands not already
belonging to the Canal.

2. I believe the flattening of these
slopes to be necessary - and that re-
ducing them now will save greater
labor and expenditure eventually. I
trust therefore that his action in this
matter

matter may be approved.

3. To explain that he had commenced the construction of boughs, to be erected at the Aqueduct and Siphon sites in anticipation of the approaching S.W. Monsoon, but that the late rains fell so heavily and unexpectedly, he was unable to get them into position; and that even had he succeeded, they would have been swept away during the storm. He reports that irrigation ditches are now being constructed, and that they will be completed at an early date.

I have the honor to be

Sir,
Your most obedient servant

W. Thompson

Major W.

District Engineer

Residency

Mr. St. George.

8th June 1877.

Geo. L.
W.

G.O. No 194 W 741
June 1877
orig

P.W.D.
9 JUN 77
14 55 15
Buildings and Roads.

G.O. 15 June 77 No 130

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From,

The District Engineer,
Presidency

No: 1424

Dated 8 June 1877

No: of enclosures, 1.

Junction Canal, Madras.

Submit report

from the Executive Engineer
regarding the flatness of
the slopes of the spoil
banks of —

C-12-6-77

not under rules

No. 243 W P.M.D.

Proceedings of the Madras Government.

Undated the 15 June 77

Read the following

Letter from the District Engineer
Presidency

(H.E. No 1424 of 8 June 1877)

His Grace the

Governor in Council considers
the occupation of ^{water} ground by
the increased width of spoil-
banks ^{becoming} ~~impossible~~, and directs
the discontinuance of such
operations.

2. He regards the explanation
as to the ^{non-}provision of ducts
for water from the Long
Tank to Mylapore as very
unsatisfactory.

3. The result of the neglect
of the Executive Engineer
to attend to this matter,
and to provide the trough
before

H.P.

before cutting, has been to
throw upon Government
the cost of constructing and
removing a new earthen
bund, and to deprive the
cultivators of the advantage
of the water.

807

74/6/77

81. Presidency in mfs

Willis

SC Depd. 23. 6. 77

Casinos

*Sunday 4th &
Monday*

RECEIVED

The D. & Presidency
12/1

Lat 3

Long

Mag.

15 June 1843 W

130-131

*Junction Canal, Madrid
Passing orders on papers
regarding the flattening
of the slopes of the spoil
banks of the —*

Ento in Regt.

See memo. 6-11

Willis