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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PW DEPARTMENT

G.O. No.	1920 (W)	Press.
B.P. No.		Mis.
Dated	22. 7. 1879	-197-

Not to be folded or roughly handled

1920
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

22nd July 1879, No. 1,920 W.

Buildings and Roads.
Civil Works.

Read the following paper :—

No. 137. From Lieutenant-Colonel W. CHRYSTIE, R.E., Superintending Engineer, First Circle, to the Chief Engineer, Public Works Department, dated Dowlaishvaram, 10th July 1879, o. N154 G.M.

I HAVE the honor to enclose, for the information of Government, copy of the Sub-divisional Officer in charge, Russelkonda, No. 40, of the 10th June, reporting the damage done to the bridge across the Wustia Nullah under construction on an estimate of Rupees 5,465, sanctioned by Government on the 1st March 1879, No. 624 W., on the road between Aska and Russelkonda. It will be seen that the damage is estimated at Rupees 306-12-0, and was caused by a great flood in the Mahanadi on the 30th May.

2. The Executive Engineer will be called upon to report whether the spill of the Mahanadi into the Wustia occurs at the one place named only, and if so whether that spot should not be embanked, and the Wustia thus saved from becoming a mouth of the Mahanadi. The difference of level being so great it might, if steps be not taken in time to prevent it, become one of the principal mouths, the tendency of all deltaic streams being as they raise their deltas to increase the breadth enclosed between their arms.

From Sub-Conductor J. CORMAC, Sub-divisional Officer, to the Executive Engineer, Ganjam Division, dated Russelkonda, 10th June 1879, No. 40.

I beg to submit (with reference to my letter, No. 37, of the 2nd June 1879) a statement showing the materials and work destroyed by the floods (which occurred on the 30th ultimo) at the bridge under construction over the Wustia Nullah in the 24th mile of the Russelkonda and Ballipadra road.

I also submit an estimate for the repair of the damages done to the road in the same mile and at the same time.

2. In my letter referred to above (No. 37 of 2nd June 1879) I did not mention that the flood in the Wustia Nullah was caused by the spill of the Mahanadi, but such is actually the case. I find that the bed of the Wustia at Tonnarada is 5 feet lower than the bed of the Mahanadi at Nowgaw, the spill occurs some 2 miles higher up than Nowgaw, and as the bed of this river has a fall of about 4 feet per mile the spill will naturally find its way into the Wustia at a lower level than the river bed.

3. The Mahanadi embankment has been breached in many places; an estimate for repairs is now under preparation.

List of Materials and Work destroyed by Floods which occurred on the 30th May 1879 at the Wustia Nullah Bridge.

Quantity or Number.	Description of Materials and Work.	Amount.		
		Rs.	A.	P.
44 C. yds.	Brick work (1½ arches) at Rs. 4-4-0 per cubic yard	187	0	0
24 "	Rough stone in chunam at Rs. 2-12-0 do.	60	0	0
400 Parahs.	Chunam at As. 4 per parah	100	0	0
600 "	Sand at Pies 6 do.	18	12	0
10,000 "	Burnt bricks at Rs. 3-8-0 per 1,000	35	0	0
2	Centriags	100	0	0
Total ...		506	12	0

(Signed) R. RAMANUJIAH,
Sub-Overseer.

(Signed) J. CORMAC,
Sub-divisional Officer.

No. 138. ORDER THEREON, 22nd July 1879, No. 1,920 W.

THE report referred to in paragraph 2 will be awaited.

(True Extract.)

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

To the Superintending Engineer, First Circle.

Encl. C. Howarth.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1879) Madras.
PUBLIC WORKS.

To
THE SUPERINTENDING ENGINEER,
FIRST CIRCLE.

Dated July 23-4.

Issued

Recd.

Encl.

O. O. Dated July 1879. No. 1020 W.

JULY

No. 187-138.

Despatch across the Waria Nallah, Ganjam District. — Aswita further report relative to the damage done to the —.

Sub-Divisional Office
Rupelamalak

10th June 1879.

No. 40

To J. D. Harris Esq.
Executive Engineer
Ganjam Division

Sir,
I beg to submit with reference to my letter No. 37 of the 2nd June (79) a statement showing the materials and work destroyed by the floods (which occurred on the 30th ultimo) at the Bridge under construction over the Martya Nala in the 24th mile of the Rupelamalak and Ballipasha Road.

I also submit an estimate for the repair of the damages done to the road in the same mile, and at the same time.

In my letter referred to above (No. 37 of 2nd June 79) I did not mention that the flood in the Martya Nala was caused by the spill of the Akhaurdy; but such is actually the case; I find that the bed of the Martya at Tinnamla is 5 feet lower than the bed of the Akhaurdy at
Rupelamalak

Nowhere, the spill occurs some 2 miles higher up than Nowhere and as the bed of this river has a fall of about 4 feet per mile the spill will naturally find its way into the Mestye at a lower level than the river bed.

Sup: Engineer
P.C. 30-6-79

The Mahanady Embankment has been broken in many places, an estimate for repairs is now under preparation.

I beg to remain
Sir,

Yours Most Obedt Servt,
(signed) J. Comman,
Sub Division Officer

(True Copy)

Sham
Executive Engineer,
Ganja Division

List of Materials and work destroyed by floods which occurred on the 30th May 1879 at the Mestye Mala Bridge.

Quantity or Nos.	Description of Materials and work.	Amount
44 Cords of brickwork	1 1/2 Cords at 4-4-0 per cord	187 0 0
24 Cords of Rough Stone in Churnia	2-12-0 per cord	66 0 0
400 Perches of Churnia	@ 0-4-0 per perch	100 0 0
600 Perches of Lant	@ 0-0-6 per perch	18 12 0
10,000 Burnt bricks	@ 3-8-0 per 1000	35 0 0
2 Centings		100 0 0
	Total	506 12 0

(signed) A. Ramaswami
Sub Division Officer

(signed) J. Comman
Sub D.O. Officer

(True Copy)

Sham
Executive Engineer,
Ganja Division

2 Aug 22-7-77 1920

I have the report
of the damage caused by a C.C.
of a bridge at a place
Ask the Gov. of C. Engineer and
before whether the spill of the
Mahanuddy into the bridge built
at one place and
if in another place spill should not
be undertaken and then proceed the
bridge built having a number
of the Mahanuddy M. 1-7.

NO. 154 G.M., General. Roads & Buildings
FROM,
THE OFFG. SUPERINTENDING ENGINEER
TO,
THE CHIEF ENGINEER
PUBLIC WORKS DEPARTMENT
MADRAS.
CAMP DOWLAISHWERAM, 10th July 1879
SIR,

Ms. 624 W.

I have the honor to enclose
for the information of Government,
copy of the Sub Divisional Officer in
charge Russelcondah No. 40 of the 10th
June reporting the damage done to
the bridge across the Wustia Nulla in
under construction on an Estimate of
Rs 5,465 sanctioned by Government
on the 1st March 1879 on the Road between
Aska and Russelcondah. It will
be seen that the damage is estimated
at Rs 306-12-0 and was caused by
a great flood in the Mahanuddy
on the 30th May.
2- The Executive Engineer will
be called upon to report whether
the spill of the Mahanuddy into the
Wustia occurs at ^{the} one place named
only

only and if so whether that spot
should not be embanked and the
Wustia thus saved from becoming a
mouth of the Mahanuddy - The differ-
-ence of level being so great it might,
if steps be not taken in time to prevent
it, become one of the principal mouths,
the tendency of all Deltaic streams being
as they raise their Deltas to increase the
breadth enclosed between their arms.

I have the honor to be,

Sir,

Your Most Obedient Servt.
(By Order)

J. P. Clark

Asst Engineer

Asst to Supt. Eng. 1st Circle.

Camp

1863

1-3-79 ho 624 W

From

The Supg. Engineer
1st Circle

&

The Chief Engineer
P. W. Dept.

Dated 22nd July 1877
Dated 1st Dec.
No 154 G.M.

Civils
Wusteyo Kallak
Bridge under Construc-
tion in Ganjam Division
over the —. Forwards
report from the Sub-
divisional officers of the
damage done to.

137

No 1920 W

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 22nd July/77

Read the following:—

1920/7

From

The Supg. Engr. 1st Circle } (S.E. No 154 G.M. d/10th July/77)

The report referred
to in para 2 will be
awaited.

S 227

86/17

To The S & T. Engrs
Despatched
30-7-77

and
U. 2

Ca 5380

Govt. of (1879) Madras.

PUBLIC WORKS.

To _____
Date (8)
By _____
For _____

G.O. 17 July 1920

Nos. 137-138

Bridge across the Wastia
hulla, Kanjam Dr.

Await further report
relative to the damage
done to the —