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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 2985	Press
181-682	Mis.
Dated 9-10-	1865.

Not to be folded or roughly handled



Proceedings of the Madras Government, Public Works Department.
9th October 1865.

No. 181. . Read the following letter from Captain J. G. RYVES, R. E., Superintending Engineer, 1st Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Waltair, 13th September 1865, No. 974 :—

SIR,

1. I have the honor to report that considerable damage has been done to the Ellore Canal, as well as to tanks and other irrigation works in the Ellore, Rajahmundry, and Golgondah Ranges by rain-floods between 12th and 20th ultimo.

2. The above canal was breached in six places (just at the points where escapes and under-tunnels are provided by the estimate submitted to Government

* In Proceedings 30th ultimo, G. O. No. 2,529. in my No. 559* of 1st July last), and a great deal of silt deposited. The coping stones of the side-walls of the Ellore aqueduct, over which the Toomoolair flowed three feet deep (*i. e.*, eight and a quarter feet above canal bed), were displaced, and the south side-wall of the aqueduct over the new Bheemadole tunnel (which had only just been raised, and was, moreover, owing to a mistake made by the Range Officer, of too slight a section) was carried away.

Lieutenant Smalley is now busy clearing out the silt and closing the breaches.

3. The Yerrakalwa has done some damage to the Byanee anicut ; it topped the wing-walls, which had been raised to within a foot of their full height (twenty feet above river bed), and carried away the bank behind them with its stone revetments:

4. The same Yerrakalwa breached the Venkia canal above the Peramulla double lock ; this accident would have been prevented, had a Navigation Superintendent in charge of the escape at this point done his duty, he has since been dismissed for this neglect of duty. The breach which happened on the 19th ultimo was closed on the 27th idem.

5. Many tanks and river channels in the Ranges specified in my 1st paragraph have been breached and otherwise damaged.

6. The rain-fall recorded at Dowlaishweram, and reported by the Ellore Range Officer, was seven and a half and nine inches respectively, in the eight days, 13th to 20th, of which 3½ inches fell on the 16th ; our works ought to be able to pass off such an ordinary flood without risk of damage.

7. I have now the honor to apply for an additional grant of Rupees 20,000 to

meet the cost of clearing and re-opening the Ellore canal, and repairing the damages to it and other canals in the Godavery Delta as well as to numerous irrigation works in the Ellore, Rajahmundry, and Golgondah Ranges. In the margin I note the unappropriated balances of agricultural repair grants in the several Ranges of the Division : against the balances of sanctioned estimates for which funds have yet to be appropriated numerous ordinary repair estimates have been held in abeyance, though recommended by the Local Public Works and Revenue Officers, otherwise these balances (which I hold in reserve for expenditure after the north-teas monsoon rains, and preparatory to the next irrigation season) would not have existed.

		<i>Ganjam.</i>		Balances of sanctioned estimates yet to be appropriated.
		Unappropriated balances.	RS.	
No. 1	Range	...	1,751	.....
" 2	Do.	...	4,566	.....
" 3	Do.	...	3,250	.....
		<i>Vizagapatam.</i>		
No. 1	Range	...	929	.....
" 2	Do.	...	.....	.....
" 3	Do.	...	.....	.....
		<i>Godavery.</i>		
No. 1	Range	...	17,609	15,235
" 2	Do.	...	11,168	3,625
" 3	Do.	...	10,397	.....
" 4	Do.	...	100	2,690
" 5	Do.	...	618	29,382
" 6	Do.	...	5,304	.....
Supg. Engineer's Reserve		...	4,807	.....
Total		...	60,499	50,902

Proceedings of the Madras Government, Public Works Department,
9th October 1865.

8. Adverting to letter from Government of India, No. 334 A, dated 12th April, and to G. O. 1,978, 13th July 1865, I do not take this opportunity to repeat my demand for funds for the rapid prosecution of the Ellore canal works; because I know that Government will, as soon as possible, put a stop to the waste of money (to the State by repeated expensive repairs and by failure of water supply for irrigation, and to the trading community by the obstruction of the very important traffic on this line) resulting from this canal being left incomplete.

No. 182.

ORDER THEREON, 9th October 1865, No. 2,985.

CIVIL WORKS, No. 29.

1. The Government regret that there are at present no funds at their disposal; but the Superintending Engineer is authorized to proceed with the works referred to in paragraph 7, leaving the expenditure that may be incurred under these orders to be hereafter adjusted by savings in the existing allotment for the 1st Division, or by transfers from other Districts.

2. Captain Ryves will report how much of the additional grant now applied for is for "New Works," and how much for "Repairs." The new works, if any, and the amount required for each, should be specified.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 1st Division.
,, Controller of Public Works Accounts.
,, Accountant General.

Ed. S. T. Augustin.

Memorandum.

Memorandum for the orders of
Government.

The Superintending Engineer applies for an additional grant of Rs. 20,000 to meet the cost of cleaning and reopening the Ellore Canal and of repairing the damages done to it and other Canals and to numerous irrigation works in the Godavery District by rain floods between the 12th and 20th August 1865. The question now arises from what source is this amount to be provided?

The Revenue under all heads is exhausted; there are no funds, whether for new works or repairs, at the disposal of Government, and none of the Superintending Engineers have intimated the possibility of any

Orders are requested as to whether the Superintending Engineer of the P^W Division should be instructed to carry out the repairs &c above mentioned, leaving the expenditure to be hereafter adjusted, if possible, by similar transfers of funds, or whether an application should be made to the Government of India for a special grant to meet the cost of these works. In their Orders No. 245, dated 18th 1877.

It is very desirable that the
chainage works in connection with
the Sillore Canal for which an Estimate
amounting to Rupees 104,000 was
sanctioned in the Proceedings of Go:
vernment. No. 2529, dated 30th August
1865, should be undertaken and com:
pleted as speedily as possible -
The view resulting from the un:
finished state of this Canal the
one stated in para 4 of Rep:
tain Dyre's present letter, and in

I think that we
have better do this
if we get short of money
the close of the
year apply
for a special
increase of Rs 20000
on account of the
expansion and to make
good the deficit
caused by this
H. P. 11/12

27/10

in his previous communication re-
corded in G. O. No. 1978, dated
13th July last.

Shankar
Major D. V.

For Mr George. Under Secy to Govt (G. O.)
27 Sept/65

C. 295 Sept/65 On 2nd Oct

Superintending Engineer's
Office, T. P. W. Wallah
No. 974. 15th September 1865.
From Captain J. G. Pyrie, R. E.
To Superintending Engineer, T. P. W.
Colonel C. A. Carr, R. E.
Secretary to Govt, D. P. W.
Madras.

I have the honor to report that
considerable damage has been done
to the Ellore Canal as well as to Tanks
and other Irrigation Works in the Ellore
Rajahmundry & Golconda Districts
by rain floods between 12th & 20th Ulthins.
2. The above canal was breached
in six places (just at the points where
escapes & under tunnels are provided
by the Estimates submitted to Govern-
ment in my No. 59 of 1st July last), and
a great deal of silt deposited. The
coping stones of the sidewalls of the
Ellore Aqueduct, over which the So-
moolain flowed 3 feet deep (i.e.

* L. P. W. 30th ult.
G. O. 2529

8 $\frac{1}{2}$ feet above Canal bed), were displaced, and the Southside Wall of the Aqueduct over the new Rheemadole Tunnel (which had only just been raised & was moreover, owing to, a mistake made by the Range Officer, of too slight a section) was carried away.

Lieutenant Smalley is now busy clearing out the silt and closing the breaches.

3. The Yerrakalwa has done some damage to the Byan's Aricut; it topped the Wing Walls which had been raised to within a foot of their full height (20 feet above river bed) and carried away the bank behind them with its stone revetments.

4. The same Yerrakalwa breached the Venkia Canal above the Derramulla Double Lock: this accident

would have been prevented, had a Navigation Superintendent in charge of the escape at this point done his duty, he has since been dismissed for this neglect of duty. The breach which happened on the 19th inst. was closed on the 27th idem.

5. Many tanks and pined channels in the Range specified in my 1st para, have been breached & otherwise damaged.

6. The rain fall recorded at Dowaiswaram and reported by the Ellore Range Officer was $7\frac{1}{2}$ and 9 inches respectively in the eight days 18th - 20th of which 3 $\frac{1}{2}$ inches fell on the 18th; our works ought to be able to pass off such an ordinary flood without risk of damage.

7. I have the honor to apply for an additional grant of Rs. 20,000 to meet the cost of clearing and reopening the Ellore Canal & repairing the damages to it and other canals.

Canals in the Godavary Delta as well as to numerous irrigation works in the Ellore, Rajahmundry & Galgoncha Ranges. In the margin, note the unappropriated balances of agricultural repair grants in the several Ranges of the Division; numerous ordinary repair Estimates have been held in abeyance though recommended by the Local Public Works and Revenue Officers otherwise their balances (which should be in reserve for expenditure after the North-east monsoon rains & preparatory to the next irrigation season) would not have existed.

Estimates for which funds have yet to be appropriated

Gaujam.

Annual pop. = 75 lakhs. Revenue = Rs. 10 lakhs. Estimated cost of irrigation = Rs. 10 lakhs.

N ^o 1 Range	1751	"
2 do	4566	"
3 do	3250	"

Nizagapattinam

N ^o 1 Range	929	"
2 do	"	"
3 do	"	"

Godavary.

N ^o 1 Range	17609	15205
2 do	11168	3625
3 do	10397	"
4 do	100	2690
5 do	618	29382
6 do	5304	"
Supplies in Reserve	4807	"
<u>Total</u>		<u>60499 - 50902</u>

8. Adverting to letter from Government of India N^o 334A dated 12th April

April 4 to C.O. 1378-65. I do not take this opportunity to repeat my demand for funds for the rapid prosecution of the Ellore Canal works because I know that Government will, as soon as possible, put a stop to the waste of money (to the State by repeated expensive repairs and by failures of water supply for irrigation & to the trading community by the obstruction of the very important traffic on this line) resulting from this Canal being left incomplete.

Have the honor to be
Sir,
Your most Obedient S^t.

W. J. S. C. P. H. O. R.
Superintending Engineer.

David H. Smith
2202988-

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