M.R.O. 1—77,006—8-6-37.

(1) Number of pages 1-2

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 269 Press Mis.

537-38

Dated 30. 1 1871.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 30th January 1871.

No. 537. Read the following letter from Major J. F. FISCHER, R. E., Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 10th January 1871, No. 3,407:—

I HAVE the honour to forward, herewith, three estimates, amounting, in the aggregate, to Rupees 3,569, for repairing the damages done by the recent heavy rains to the roads marginally noted, and to request that you will be pleased to obtain the sanction of Government for the same.

	RS.
Vizagapatam District—Imperial Road from Vizianagram to Bowdara ...	1,125
Trunk Road between Chittivalsa and Chicacole	2,348
Road from Maradam River to Cassepore...	96
Total...	3,569

2. As I am unable to provide funds for the repair of these roads, I request that the amount may be placed at my disposal by transfers from other divisions.

No. 538. ORDER THEREON, 30th January 1871, No. 269.

CIVIL WORKS, No. 41.

THE Government sanction the estimates, aggregating Rupees 3,569, for repairing the damages caused to the roads referred to in this letter by the recent heavy rains; but, as no savings have as yet been reported in other divisions from the grant for Repairs under "Other Services," His Excellency the Governor in Council must leave it to Major Fischer to make the best arrangements with the means at his disposal for providing the requisite funds.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

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

Ed. A. S. Rodgers.

Estimate of the Cost of repairing damages by late heavy rains (that cannot be repair from Maintenance allowance) in No. III Vizianagaram Range between Chettivalasa & 23rd Mile-on Trunk Road No. VI.

Description of Surface	No.	Measurements in Yards Length	Breadth	Depth	Earthwork @ 1 anna.	Gravel @ 6 annas.	Stone @ 6 annas.	Surfacing @ 6 pie.	Packed Stone @ 12 annas.	Packed Stone @ Rs 1 per yd.	Stone @ 10 annas.	Remarks.
5th Mile		34	10	2	680	"	"	"	"	"	"	3-12 ft. Arches should be added & 1-9 ft. Arch Bridge.
		7	7	3	147	"	"	"	"	"	"	Earthworks.
		20	10	4	800	"	"	"	"	"	"	
		5	5	1	"	"	"	"	25	"	"	Apron & above bridge
		61	6	1/6	"	"	61	"	"	"	"	Stone
		61	6	1/6	"	61	"	"	"	"	"	Gravel
		122	3	"	"	"	"	366	"	"	"	Surfacing
		7	5	1	"	"	"	"	35	"	"	Rear apron
		7	3	1	"	"	"	"	21	"	"	Front apron
		7	5	1	"	"	"	"	133 1/3	"	"	Revetment to sides
	4	5	17/3	4	"	"	"	"	"	"	"	Earthwork
11th & 12th Miles.	"	410	8	1 1/2	4920	"	"	"	"	"	273 1/3	Stone
		410	6	1/9, 1/6	"	"	"	"	"	"	"	Gravel
		410	6	1/6	"	410	"	"	"	"	"	Surfacing
		820	3	"	"	"	"	2460	"	"	"	Earthwork.
		180	9	17/3	2700	"	"	"	"	"	"	
					9247	471	61	2826	214 1/3	"	273 1/3	

At 18 ft. bridge

1st. Breach

No.	L	B	D	Earth @1as	Gravel @6as	Stone @6as	Turfing @6pie	Packed Stone @12as	Packed Stone @1Rs	Stone @10as.	
Bo —	—	—	—	9247	471	61	2826	214 1/3	—	273 1/3	
	180	6	1/9	—	—	—	—	—	—	120	Stone
	180	6	1/6	—	180	—	—	—	—	—	Gravel } 2d Breach
	360	3	—	—	—	—	1080	—	—	—	Turfing }
	80	10	3	2400	—	—	—	—	—	—	Earthwork
	80	6	1/6	—	—	—	—	—	—	80	Stone
	80	6	1/6	—	80	—	—	—	—	—	Gravel } 3rd Breach
	160	4 1/2	—	—	—	—	720	—	—	—	Turfing }
	45	10	2	900	—	—	—	—	—	—	Earthwork
	30	30	2	1800	—	—	—	—	—	—	do
	45	6	1/6	—	—	—	—	—	—	45	Stone } 4th Breach
	45	6	1/6	—	45	—	—	—	—	—	Gravel
	90	3	—	—	—	—	270	—	—	—	Turfing }
1	25	5	1	—	—	—	—	125	125	—	Rear apron
1	25	2	1	—	—	—	—	50	50	—	Front-apron } To 3 arch Bridge
4	3	1 1/2	2	—	—	—	—	36	36	—	Renetment
1	18	5	1	—	—	—	—	90	90	—	Rear apron
1	18	5	1	—	—	—	—	90	90	—	Front apron } To 2 arch Bridge
4	3	1 1/2	2	—	—	—	—	36	36	—	side renetment } The aprons the 1 1/2 th
				14347	676	61	4896	214 1/3	427	518 1/3	below the flooring of Br

5

Abstract

Quantity	Description of Work		Rate	Amount	Total
14347	C. yards of Earthwork	Per C yd	— 1 —	896 11 —	
676	— do of Gravel	do	— 6 —	253 8 —	
61	— do of Stone	do	— 6 —	22 14 —	
518 1/3	— do of do	do	— 10 —	323 15 4	
214 1/3	— do of Packed Stone	do	— 12 —	160 12 —	
427	— do of do	do	1 — —	427 — —	
4896	1/30 of Turfing	Per Sq.	— — 6	153 — —	
	Superintendence @ 5 per cent			116 3 8	
					2348 — —

Camp. Vizianagaram
2d December 1870

Examined J. Buckley Captain RE
E. W. Executive Engr. Ansapilly &
Gunjam & Vizag
Offg Collector
Wm Stubbs Major RE
Superintending Engineer

PW 216/71

Enclosure in a letter
No. 3407 dated 10th
Instant from the
Actg Secy Engineer
& Inclosure to the
Secretary of Govt

PW 216/71

Enclosure in a letter
No. 3407 dated 10th
Instant from the
Actg Secy Engineer
& Inclosure to the Secretary to
Govt No. 2.8.00.

Estimate for repairing damages caused by late heavy rains on Vizianagaram and Bowdara roads.

7v

Description of Surface.	Measurements in Yards. Length	Breadth	Depth	Earthwork	Gravel & Stone	Turfing	Number of Plants	Remarks.

Abstract.

Quantity	Description of Work	Rate	Amount	Total
4283 2/3	Cubic yards of Earthwork @ Rs C30	" 1 "	267 11 8	✓
3040 2/3	—do— Stone and gravel @ do	" 4 "	760 2 8	✓
2100.	Sq yds of Turfing @ Rs 3	" " 4	43 12 "	
	Superintendence @ 5 per cent		53 5 8	✓
				1125 "

Camp: Ramabadrapuram
29th November 1870

Examined
E. Cell.

J. Bikerey Captain R.E.
Executive Engineer Ors

Countersigned
Major R.E.

Superintending Engineer Ors

Estimate No. 51 of 1870-71

Cost of Emergent work on Road from Maradawa River to Kassipore

13

Number	Measurements: Length	Breadth	Depth	Cubical Contents: Cyd Feet	Cubical Contents	Particulars of Work	Rate per	Item Amount	Total
						Making temporary road-way &c. in lieu of Bridge destroyed			
	ft	ft	ft			Cutting			
	80	18	1		1440	Do.			
	50	18	1		900	Do.			
	60	18	1		1080	Do.			
	60	19½	3		3510	Do.			
	50	19½	2½		2437½	Do.			
	92	18	1½		2484	Do.			
	96	18	½		864	Do.			
				12,715½	and 470 57/54	Cyds of Earthwork	1	Cyd. 29 6 11	
	yd	yd	yd						
	36	½	1		18	Cyds of Loose Stone wall	8	do. 9	
						Cutting side channels where the road turns		5 / 43 6 11	
						Contingencies & Superintendence		Rs. 2 9 1	
								Total Rupees	46
						Filling in Breach at 38th Mile			
	yd	yd	yd						
	50	8	1⅔		666⅔	Cyds of Earthwork		12 Cyd. 48 9 9	
						Contingencies & Superintendence		1 6 3	
								Total Rupees	50
								Grand Total Rupees	96

Wm. Strachan Major &c. Supt. Engr. Vizagapatam

D. Howard Lieut. RE Asst. Engr. Vizagapatam

Asst. Engr's Office Vizagapatam 10th December 1870

disposal by transfers from other Divisions.

I have the honor to be
Sir
Your most obedient Servant

Wm. T. Trichmond Major R. E.
Asst. Supty. Engr. 2nd Div.

No 269 Civil dept. P. Dr. 19

Proceedings of the Madras Govt.

Recd the following

from

The Actg Supdg Engr. Jaffna 1st Dn. No 216 dated 10th January

The Government sanction the estimates aggregating Rs 3569 for repairing the damages caused to the roads referred to in this letter by the recent heavy rains, but, as no savings have as yet been reported in other Divisions from the grant for Repairs under other services, His Excellency the Governor in Council must leave it

No 3784/1871 dept

Proceedings Govt No 216 dated January

From

The Actg Supdg Engineer 1st Dn

To

The Secretary to Government D.P.W. Madras

Dated 10th January 1871

Despd: 17th

Enclosures Three

Forwards for sanction 3 Estimates amounting to Rupees 3569 for repairing damages done by late heavy rains to certain roads in Vizagapatam District and requests provision of funds by transfers from other divisions.

No 269 - 30th Decr 1871

No 537

Civil Engr 1871 P. 24

it to Major Locher to
make the best arrange-
-ments with the means
at his disposal for pro-
viding the requisite
funds.

25
3

The Lieut Governor
Controller
Dec 31/71

X

Cp-216

Govt of 1871 Madras.

PUBLIC WORKS.

To

The Acting Superintending
Engineer 1st Division

Dated 24

Rcvd.

Ans.

G. O., 30th January 1871, No. 269

Nos. 537-538

Roads in the Vizagapatam Dt.

The estimates amounting to
Rs 3506 for repairing certain
roads in the Vizagapatam
Dt., sanctioned.

Further Proc. No. 1455 dated 29-6-71