

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons. to 11. 59

G.O. No.	2593	Press
		~~Mis~~
53-54		1854
Dated	4-11-	1854

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
for the month of November 1859.*

No. 53. Read the following letter from Lieutenant-Colonel J. H. BELLE, Chief Engineer ;
to J. D. BOURDILLON, Esq., Secretary to Government, dated 25th October 1859,
No. 6499.

I have the honor to forward for the consideration of Government, the accompanying estimate, amounting to Rupees 6,080, for repairing the Ariyalur road leading from trunk road No. 8 to Kallagudi, in the Trichinopoly district.

3 Original letters from the District Engineer of Trichinopoly, Nos. 345, 514 and 700, dated 14th July, 28th August and 10th October 1859.
1 Sketch of road.
1 Abstract estimate.

No. 636, dated 18th March 1859.

2. In Extract Minutes of Consultation marginally noted, Government sanctioned the repair of this line of road on an estimate, amounting to Rupees 1,410.

3. The District Engineer, however, in a letter* reporting on the insufficiency, states that it was hurriedly prepared by a maistry deputed to estimate for repairing the damage done by the floods, and who apparently contented himself with providing for the bare closing of the actual breaches ; and that the officers of the department at the time

* No. 345, dated 14th July 1859.

No. 514 dated 28th August 1859.

were all busily engaged in superintending and arranging for the damages done to the irrigation works, which suffered very considerably at the same time.

4. This line of road which is a principal feeder to the trunk road from the richly cultivated taluq of Laulgoody, the irrigation of which it crosses, was carried away in many places, and heavily breached in others during the floods of November last ; and a considerable traffic will be entirely stopped during the rains, if the repairs estimated for are not carried out.

5. The District Engineer further states, that the estimate was considerably exceeded before he became aware of it, but that immediately he discovered that more money than allowed for had been spent, he stopped the work, several payments were then, however, due on contracts, &c. The amount of expenditure now stands as follows :—

	Rs.
Maintenance allowance for 1858-59.....	745
Do. for 1859-60.....	745
Amount of estimate sanctioned in March 1859.....	1,410
	2,900
Expenditure.....	4,736
	1,836

traffic, 50 bandies and 300 bullocks laden with grain daily.

6. As the line of road is an important one, and as a large sum of money has already been expended on its repair, which will not in any way benefit either the State or the public, if the road is left in its present condition (impassable the District Engineer reports during the rains), I have the honor to solicit the sanction of Government for the accompanying estimate, amounting to Rupees 6,080, or the disbursement of Rupees 3,180, in excess of the sums, viz :—

Maintenance allowance for 2 years.....	1,400
Amount of original estimate.....	1,410
	2,900

already expended, from the funds allotted to the District Engineer of Trichinopoly for repairs during the current year.

No. 54. ORDER THEREON, 4th November 1859, No. 2593.

Under the circumstances represented in this letter, the Honorable the Governor in Council sanctions the estimate of Rupees 6,080 submitted with it, in supersession of the one of Rupees

Proceedings of the Madras Government Public Works Department,
for the month of November 1859.

1,410 sanctioned on the 18th March 1859 No. 636 for repairing the Ariyalūr and Kallagudi road in the district of Trichinopoly. The sum of Rupees 3,180 remaining to be disbursed will, as suggested by the Chief Engineer be drawn from the general funds at the disposal of the District Engineer for the current year.

(Signed) J. D. BOURDILLON,
Secretary to Government.

Public.

Enclosures. 3.

3 Original letters
from the Dis^l Engineer
of Trichinopoly No^s
325, 514 and 700 of
14 July 28 August &
10 Oct 1859 -
1 One sketch of road
1.4 Abstract Estimate.

No 636 dated
18th March 1859.

No 345 dated
14 July 1859.

Central Office ²⁴
Port Saint George
From ²⁵ October 1859.
The Chief Engineer
To
The Secretary to Government
D. F. M.

Sir.
I have the honor to
forward for the consideration of
Government the accompanying
Estimate amounting to Rs 6080
for repairing the Ariyalūr Road
leading from Trunk Road No. 8
to Bullagoodys in the Trichinopoly
District.

2 In E. Min. of Con
marginally noted Government
sanctioned the repair of this line
of Road on an Estimate amount
ing to Rupees 1410.

3 The District Engineer
however in a letter reporting the
insufficiency, states that it was
hurriedly prepared by a Maistriff
deputed

deputed to estimate for repairing the damage done by the Floods and who apparently contented himself with providing for the bare closing of the actual Breaches; and that the Officers of the Department at the time were all busily engaged in superintending and arranging for the damages done to the Irrigation Works which suffered very considerably at the same time.

4 This line of Road which is a principal feeder to the Trunk Road from the richly cultivated Talook of Saulgoodij the irrigation of which it crosses, was carried away in many places, and heavily breached in others during the Floods of November last, and a considerable Traffic will be entirely stopped during the rains, if the repairs estimated for are not carried out.

5 The District Engineer further states that the Estimate was considerably exceeded before he became

No 514 of
28th August 1859

Rs 700 2/10 over
1859.

became aware of it, but that ³ immediately discovered that more money than allowed for had been spent, he stopped the work; several payments were then however due on contracts &c. The amount of expenditure now stands as follows.

Maintenance Allowance	
for 1858-59	745
Do for 1859-60	748
Amount of Estimate sanctioned in March 1859	1410
	2900 ..
Expenditure	4736
	1836

Traffic 50 Banderas and 300 Bullocks laden with grain daily.

6. As the line of road is an important one, and as a large sum of money has already been expended on its repair, which will not in any way benefit either the State or the Public, if the Road is left in its present condition (impossible) the District Engineer reports.

Carried over.

94 5859

E. Quay

Quantities	Description of Work	Rate	Amount	Amount each part
<i>C. Yds.</i>	<i>Earth wall.</i>	<i>R^s as P.</i>	<i>Rupess</i>	<i>Rupess</i>
8525	C. Darts	" 1 3	666	
8170	D.	" 1 "	511	
11835	D.	" " 10	616	
32821	D.	" " 8	1367	
45250	D.	" " 7	1650	4810
	<i>Rough Stone</i>			
200 3/4	C. Darts & Cur	1 " "	201	
372 1/2	D.	" 1 " "	93	294
	<i>Slipping</i>			
9424	S. Darts	" 1 " "	589	589
	<i>Sand</i>			
1767	C. Darts	" 1 6	166	166
	<i>Relining Tunnel</i>			
	<i>of one vent of 1 1/2 feet diam.</i>			
720 3/8	6 Feet Brick work	" 1 4	60	
47 1/4	D. Cut Stone	" 8 "	24	
	<i>Excavating foundation</i>		10	
	<i>Carriage</i>		94	5859

Quantities	Description of Work	Rate			Amount	Amount for each part
		Rs.	A.	P.		
C. Mts.	Brought over				94.	5859
	Plastering &c.				6.	100
	Rebuilding Tunnel					
	of 2 vents of 1 1/2 ft span.					
9 1/2	C. Test Brick work in channel @	1 1/4			81.	
9 1/2	D. Cent Stone @	8			47.	
	Excavating foundation				12.	
	Plastering &c.				10.	150.
	Rebuilding Tunnel					
	of 1 vent of 1 1/2 ft span.					
720 1/2	C. Test Brick work in channel	1 1/4			60.	
47 1/2	D. Cent Stone	8			24.	
	Excavating foundation				10.	
	Plastering &c.				6.	100
	Raising Parajet Wall of					
	Villanor Mada Jany channel since					
63	C. Test Brick work in channel	1 1/4			5.	
	Plastering &c.				2.	
	Rebuilding Tunnel					
	of 1 vent of 1 1/2 ft span.					
720 1/2	C. Test Brick work in channel	1 1/4			60.	
47 1/2	D. Cent Stone @	8			24.	
	Excavating foundation				10.	
	Plastering &c.				6.	100
	Carried over					631

Quantities	Description of Work	Rate			Amount	Amount for each part
		Rs.	A.	P.		
	Brought over					6316.
	Rebuilding a portion of					
	Tunnel of 1 vent of 2 ft span.					
335	C. Test Brick work in channel	1 1/4			45.	
	Demolishing old masonry				4.	
	Excavating foundation					
	Plastering and plastering				11.	
	Summers				5.	65
	Rebuilding a sluice					
	of 1 vent of 1 1/2 ft span. Purnanagay channel.					
296 1/2	C. Test Brick work in channel	1 1/4			247.	
	Excavating foundation				20.	
	Plastering water				30.	
	Demolishing old masonry				25.	
700	1/2 ft. Plastering for 100 sq ft.	1 8			11.	
4	Cross Stones @	1 8			6.	
	Extra Establishment				32.	391
	Rebuilding a sluice of 1					
	vent of 2 1/2 ft span to Thengul channel.					
335 1/2	C. Test Brick work in channel	1 1/4			279.	
	Excavating foundation				25.	
	Plastering water				35.	
	Demolishing old masonry				25.	
800	1/2 ft. Plastering for 100 sq ft.	1 8			12.	
4	Cross Stones @	1 8			6.	
	Carried over				382.	6752

Enclosure

See letter

From

The Chief Engineer
D. P. H.

To

The Secretary to Govt.
D. P. H.

Dated 25th }
Received } October/59.

No. 6499

PT. No. 2777/59.

Abstract Co.

Sum of the expense of
repairing annular road from
No. 8. Trunk road to
gorge in the District
Tichinopoly.

Amounting to Rs. 6000.

53-54-

7. November 1859. Delft

277.

10th

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the

Definition.

Nov 2

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W. A.

no one
year.

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St. Louis