

(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. 1092

Press
Mis.

411-412

Dated 16. 4. 1864.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
16th March 1864.*

No. 411. Read the following letter from Captain J. BEAN, R. E., Officiating Superintending Engineer, 6th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Tanjore, 2nd April 1864, No. 2,293 :—

SIR,

1 Abstract Estimate.
1 Letter.

* No. 32, dated 16th March 1864.

1. Agreeably to the Orders of Government dated 19th February 1864, No. 508, paragraphs 2 and 3, I have the honor to forward copy* of a letter from the Collector of Trichinopoly recommending that the road from Trichinopoly to Salem should be metalled and gravelled, and I also submit an Abstract Estimate amounting to Rupees 15,800 for carrying out this proposal, to a distance of 28 miles.

2. The road throughout the first 10 miles of its extent in the Trichinopoly District has already been metalled and gravelled, and is in very fair order, and the Estimate now submitted provides for the portion in the second Range, up to the limits of the District. I do not consider that it is necessary at present to submit an Estimate for a larger amount embracing repairs to the road within the limits of the first Range.

No. 412. ORDER THEREON, 16th April 1864, No. 1,092.

1. In a letter No. 5,590, dated 24th December 1863, the Post Master General, Madras, reported that he had submitted a recommendation to the Director General of Post Offices in India for the transfer of a portion of the Mail Cart Establishment on the road between Tindivanam and Trichinopoly to the road between Salem and Trichinopoly. Having however been informed by parties, who had travelled over the latter line that it was in very bad condition, he requested that orders might be passed for its improvement at an early date.

2. Subsequently,† the Quarter Master General brought to the notice of Government that the Salem and Trichinopoly road was in very bad order, and by desire of His Excellency the Commander-in-Chief, requested that as it was the nearest route to Trichinopoly, and therefore always adopted by travellers, and when there were no Native families, by bodies of Troops, and as the rail from Trichinopoly to Erode, was not likely to be opened for some time to come, authority might be granted "for placing it in first class order."

3. The Superintending Engineer, 6th Division, having been desired to report upon the condition of the road within the limits of the Trichinopoly District, that Officer, in his letter No. 1,836, dated 13th February 1864, intimated that it was in a fit state for Mail coach traffic; that he had travelled over it and found it in very fair order, especially the portion which follows the north bank of the Cauvery. He observed, however, that the state of the road was much influenced by the weather, owing to parts of it not being metalled, and that the rains in December last must have affected these portions in the injurious way brought to notice by His Excellency the Commander-in-Chief.

4. In the letter recorded above, the Superintending Engineer, 6th Division, submits an Estimate for gravelling and metalling 28 miles of the road. As the necessity for carrying out the work is also urged by the Collector, the Governor in Council sanctions the Estimate and directs that application for the requisite funds be made after the 1st May next.

(True Extract.)

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

To the Superintending Engineer, 6th Division.

„ Controller and Auditor of Public Works Accounts.

„ Accountant General.

„ Military Department.

„ Post Master General.

Exd. S. T. Augustin.

Trichinopoly

N. 2298

Supr. Engrs Office to Division

3.
January 2nd April 1864

From,

Captain J. Dean R.E.

Offr. Supr. Engineer, to Division

To,

Colonel C. A. Dorr R.E.

Secretary to Government

P. W. D.

Enclosures

Sir,

1 Abstract Estimate

1 Letter

N. 32 dated

16th March 1864

Agreeably to the orders of Government dated 19th February 1864 N. 508 paragraphs 2 and 3, I have the honor to forward copy of a letter from the Collector of Trichinopoly recommending that the Road from Trichinopoly to Salem should be metalled and gravelled, and I also submit an Abstract Estimate amounting to Rs 15800 for carrying out this proposal, to a distance of 28 Miles.

2 The Road throughout the first 10 Miles of its extent in the

Trichinopoly

Trichinopoly District, has already
been metalled and gravelled, and
is in very fair order, and the Estimate
now submitted provides for the
portion in the second Range, up to
the limits of the District. I do not
consider that it is necessary at
present to submit an Estimate
for a larger amount embracing
repairs to the road within the
limits of the first Range.

I have the honor to be

Sir,

Your most obedient servant

Wm. C. R. E.

Off. Asst. Engineer to Govt.

5. 9th 1864. Dated
Trichinopoly 9th April.
From No. 1468.

The Asst. Engineer to Govt.

To the Secretary to Govt.
P. D.

Dated 2nd April 1864
No. 6

No. 2298

Enclosures 2

Forwards for sanction
an Estimate of Rs 15800
for metalling the Road
from Trichinopoly to
Salem.

No. 411

No. 1092-16th April 1864.

Trichinopoly Collectors Office

16th March 1864.

No 32

From

J. Fraser Esquire

Collector of Trichinopoly

To

Captain J. Bean

Superintending Engineer

6th Division, Tanjore.

Sir,

I have the honor to acknowledge receipt of your letter No 2065 of 10th Instant.

2 I do not think that the road from Salem to Trichinopoly should be widened, but I think it should be both metalled and gravelled throughout its entire length.

3 Metalling alone, as it is done in this country, makes a road dreadfully rough for rapid transit. The metalling used is as far as I have seen, too large, and very often is what I would call natural and not artificial. That is sufficiently small rough stones are gathered and laid down, instead of large stone properly broken

up. The latter alone will pack well after being worked into the surface of the road, the former never will. But as the carts of this country are never heavy enough to work this metal into a surface smooth enough for a carriage of any sort to be driven over the road at a rate of 7 miles an hour with comfort, there ought to be a few inches of gravel put over the metalling - tamping after a little rain, or tamping with artificial watering, makes this gravel amalgamate perfectly with the metalling, and makes rapid travelling a comfort instead of a penance and a danger.

I have the honor to be &c

(Signed) J. Fraser
Collector.

True Copy

Recd Captain R. E.

Off^r Sup^r Engr^s 6th Div

7.4

(21)

Enclosure in a letter
from the Sup^r Engr
6th Division N^o 2298
dated 2nd April 1864

WV 1468/64

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I have the honor to be &c

(Signed) J. Fraser
Collector.

True Copy

Recd Captain R. E.

Off^r Sup^r Engr^s 6th Div

7.4

(21)

Enclosure in a letter
from the Sup^r Engr
6th Division N^o 2298
dated 2nd April 1864

WV 1468/64

Public Improvements.

Repairs.

Communication.

Trichinopoly District.

Metalled Roads.

N^o. 2 Range.

9.

Abstract Estimate N^o. of 1864/65.

Work — Repairing the Salem Road out of maintenance
 Allowance for 1864/65.

No. of Articles	Quantity	Description of Work.	Rate		Amount		Amount of each Part.	
			R ^l .	a ^d . p.	R ^l .	a ^d . p.	R ^l .	a ^d . p.
10 th	220	Cubics of Stone Selly — per Cub ^{ic}	1	1	233	12		
11 th	220	D ^o ————— D ^o ————— D ^o	1	2	247	8		
12 th	220	D ^o ————— D ^o ————— D ^o	1		220			
13 th	220	D ^o ————— D ^o ————— D ^o		15 6	213	2		
14 th	220	D ^o ————— D ^o ————— D ^o		15 9	216	9		
15 th	300	D ^o ————— D ^o ————— D ^o	1	2	337	8		
16 th	300	D ^o ————— D ^o ————— D ^o	1	3 6	365	10		
17 th	300	D ^o ————— D ^o ————— D ^o	1	3	356	4		
18 th	300	D ^o ————— D ^o ————— D ^o	1		306	4		
19 th	300	D ^o ————— D ^o ————— D ^o		13 8	256	4		
20 th	330	D ^o ————— D ^o ————— D ^o		12 3	252	10 6		
21 st	330	D ^o ————— D ^o ————— D ^o		13 8	281	14		
22 nd	330	D ^o ————— D ^o ————— D ^o		13 6	278	7		
23 rd	330	D ^o ————— D ^o ————— D ^o		15 9	324	13 6		
24 th	220	D ^o ————— D ^o ————— D ^o	1	2	247	8		
25 th	220	D ^o ————— D ^o ————— D ^o	1	4 3	278	7		
26 th	330	D ^o ————— D ^o ————— D ^o	1		345	7 6		
27 th	330	D ^o ————— D ^o ————— D ^o		14	288	12		
28 th	330	D ^o ————— D ^o ————— D ^o		12 3	252	10 6		
29 th	330	D ^o ————— D ^o ————— D ^o		9 6	195	15		
30 th		" ————— " ————— "						
31 st	100	D ^o ————— D ^o ————— D ^o		9 6	59	6		
32 nd	100	D ^o ————— D ^o ————— D ^o		9 6	59	6		
33 rd	100	D ^o ————— D ^o ————— D ^o		9 6	59	6		
34 th	100	D ^o ————— D ^o ————— D ^o		9 6	59	6		
					5236	14		

Public Improvements.

Repairs.

Communication.

Trichinopoly District.

Metalled Roads.

N. 2 Range.

9.

Abstract Estimate N. of 1864/65.

Work — Repairing the Salem Road out of maintenance
 Allowance for 1864/65.

No. of Meters of Quantity	Quantity	Description of Work.	Rate		Amount		Amount of each Part.	
			Rt.	at P.	Rt.	at P.	Rt.	at P.
10 th	220	Cubics of Stone Jelly — per Cubic	1	1	233	12	-	-
11 th	220	Do Do Do Do	1	2	247	8	-	-
12 th	220	Do Do Do Do	1	-	220	-	-	-
13 th	220	Do Do Do Do	-	15	213	2	-	-
14 th	220	Do Do Do Do	-	15	216	9	-	-
15 th	300	Do Do Do Do	1	2	337	8	-	-
16 th	300	Do Do Do Do	1	3	365	10	-	-
17 th	300	Do Do Do Do	1	3	356	4	-	-
18 th	300	Do Do Do Do	1	-	306	4	-	-
19 th	300	Do Do Do Do	-	13	256	4	-	-
20 th	330	Do Do Do Do	-	12	252	10	6	-
21 st	330	Do Do Do Do	-	13	281	14	-	-
22 nd	330	Do Do Do Do	-	13	278	7	-	-
23 rd	330	Do Do Do Do	-	15	324	13	6	-
24 th	220	Do Do Do Do	1	2	247	8	-	-
25 th	220	Do Do Do Do	1	4	278	7	-	-
26 th	330	Do Do Do Do	1	-	345	7	6	-
27 th	330	Do Do Do Do	-	14	288	12	-	-
28 th	330	Do Do Do Do	-	12	252	10	6	-
29 th	330	Do Do Do Do	-	9	195	15	-	-
30 th	-	Do Do Do Do	-	-	-	-	-	-
31 st	100	Do Do Do Do	-	9	59	6	-	-
32 nd	100	Do Do Do Do	-	9	59	6	-	-
33 rd	100	Do Do Do Do	-	9	59	6	-	-
34 th	100	Do Do Do Do	-	9	59	6	-	-
					5236	14	-	-

No. of Bill	Quantity	Description of Work	Rate	Amount	Amount of each Part
35 th	220	Cubics of Stone Jally - 1st Cyl	9 6	5736 14 -	
36 th	220	" " " " " " " "	9 6	130 10 -	
37 th	330	" " " " " " " "	12 6	257 13 -	
38 th	330	" " " " " " " "	14 6	299 1 -	
					6555
10 th	330	Cubics of Unseasoned Gravel - 1st	10 -	206 4 -	
11 th	330	" " " " " " " "	11 3	232 - 6	
12 th	330	" " " " " " " "	10 -	206 4 -	
13 th	330	" " " " " " " "	8 6	175 5 -	
14 th	330	" " " " " " " "	9 -	185 10 -	
15 th	450	" " " " " " " "	11 -	309 6 -	
16 th	450	" " " " " " " "	12 6	357 9 -	
17 th	450	" " " " " " " "	13 -	365 10 -	
18 th	450	" " " " " " " "	10 -	281 4 -	
19 th	450	" " " " " " " "	7 3	203 14 6	
20 th	495	" " " " " " " "	6 -	185 10 -	
21 st	495	" " " " " " " "	8 -	247 8 -	
22 nd	495	" " " " " " " "	7 1	219 2 3	
23 rd	495	" " " " " " " "	9 6	293 14 6	
24 th	330	" " " " " " " "	12 -	247 8 -	
25 th	330	" " " " " " " "	13 6	278 7 -	
26 th	495	" " " " " " " "	11 5	353 3 3	
27 th	495	" " " " " " " "	8 -	247 8 -	
28 th	495	" " " " " " " "	5 -	154 11 -	
29 th	495	" " " " " " " "	4 3	131 7 9	
30 th	240	" " " " " " " "	4 3	63 12 -	
31 st	150	" " " " " " " "	4 3	39 13 6	
32 nd	150	" " " " " " " "	4 3	39 13 6	
33 rd	150	" " " " " " " "	4 3	39 13 6	
		Carried forward		5059 7 3	6555

No. of Bill	Quantity	Description of Work	Rate	Amount	Amount of each Part
		Brought forward	- -	5059 7 3	6555 - -
34 th	150	Cubics of Unseasoned Gravel - 2nd	4 3	39 13 6	
35 th	330	" " " " " " " "	5 3	108 4 6	
36 th	330	" " " " " " " "	7 6	154 11 -	
37 th	495	" " " " " " " "	9 2	283 9 6	
38 th	495	" " " " " " " "	12 6	386 11 6	
					6032 9 3

Establishment for 11 Months	2090 - -
Repairing Quarry Roads	600 - -
Tools, Sundries and Contingencies	522 6 9
Total Estimate Rupees	15800 - -

Rea Captain R. C.
 Off^r Superintendent Engineer 6th Division.

Sup^r Engr^r Office 6th Divⁿ
 Sanjore 2nd April 1864

Quantity	Description of Work	Rate	Amount	Amount of each Part
25 th 220	Cubicyds of Stone Jelly - 1 st Cyl.	9 6	5736 14 -	
36 th 220	" " " " " "	9 6	130 10 -	
37 th 330	" " " " " "	12 6	257 13 -	
38 th 330	" " " " " "	14 6	299 1 -	
				6555
10 th 330	Cubicyds of Unscreened Gravel - 2 nd	10 -	206 4 -	
11 th 330	" " " " " "	11 3	232 - 6	
12 th 330	" " " " " "	10 -	206 4 -	
13 th 330	" " " " " "	8 6	175 5 -	
14 th 330	" " " " " "	9 -	185 10 -	
15 th 450	" " " " " "	11 -	309 6 -	
16 th 450	" " " " " "	12 6	357 9 -	
17 th 450	" " " " " "	13 -	365 10 -	
18 th 450	" " " " " "	10 -	281 4 -	
19 th 450	" " " " " "	7 3	203 14 6	
20 th 495	" " " " " "	6 -	185 10 -	
21 st 495	" " " " " "	8 -	247 8 -	
22 nd 495	" " " " " "	7 1	219 2 3	
23 rd 495	" " " " " "	9 6	293 14 6	
24 th 330	" " " " " "	12 -	247 8 -	
25 th 330	" " " " " "	13 6	278 7 -	
26 th 495	" " " " " "	11 5	353 3 3	
27 th 495	" " " " " "	8 -	247 8 -	
28 th 495	" " " " " "	5 -	154 11 -	
29 th 495	" " " " " "	4 3	131 7 9	
30 th 240	" " " " " "	4 3	63 12 -	
31 st 150	" " " " " "	4 3	39 13 6	
32 nd 150	" " " " " "	4 3	39 13 6	
33 rd 150	" " " " " "	4 3	39 13 6	
	Carried forward		5059 7 3	6555

Quantity	Description of Work	Rate	Amount	Amount of each Part
	Brought forward	- -	5059 7 3	6555 - -
34 th 150	Cubicyds of Unscreened Gravel - 3 rd	4 3	39 13 6	
35 th 330	" " " " " "	5 3	108 4 6	
36 th 330	" " " " " "	7 6	154 11 -	
37 th 495	" " " " " "	9 2	283 9 6	
38 th 495	" " " " " "	12 6	386 11 6	
				6032 9 3

	Establishment for 11 Months	2090 - -
	Repairing Quarry Roads	600 - -
	Tools, Sundries and Contingencies	522 6 9
	<u>Total Estimate Rupees</u>	<u>15800 - -</u>

Rea Captain R. C.
 Off^r Superintendent Engineer 6th Division.

Sup^r Engr^r Office 6th Divⁿ
 San Jose ^{2nd} April 1864

1092/11/2 P. M. D.
13

Proceedings of the Madras Government
Under date the 16th April 1864.

1468 Read the following letter

From the Superintending Engineer
6th Division.

Forwards for sanction
an Estimate of Rupees 15,800 for (Here enter 2nd April 1864
metalling the Road from
Trichinopoly to Salem. N: 2298/

In a letter No: 5590,
dated 24th December 1863,
the Post Master General,
Madras, reported that he
had submitted a recom-
mendation to the Direc-
tor General of Post
Office in India for the
transfer of a portion of
the Mail Post Establish-
ment on the road between
Tindivanam and

MD

U

GP

Enclosure in a letter
from the Post Office
on Dec. 16. 2298 dated
2nd April 1864.

1468/14

(12)

Trichinopoly
Public Improvement
Communication
Postal Roads
Salem Estimate No.

With Estimate of the
Expenditure of repairing the
Road from Trichinopoly to
Salem on the 2nd April 1864.
and of the Maintenance Allo-
cated of 1864/65.
Rupees 15,800.

Tuchinopoly ^{to the Road} ~~to the Road~~
between Salween & Tachinopoly. Having
however been informed

by parties who had travelled
over the latter line, that
it was in very bad con-
dition, he requested that
orders might be passed
for its improvement at
an early date.

Subsequently, the
Quartermaster General
brought to the notice
of Govt. that the Salween
and Tuchinopoly road
was in very bad order,
and by desire of His
Excellency the Commander
in Chief requested that

1 per Military Depo:
No 100 of 11 Jan'y /64

as it was the nearest
route to Tuchinopoly,
and therefore always
adopted by travellers,
and when there were no
Native families, by
bodies of Troops, and
as the rail from Tachinopoly
to Eprode, was not likely
to be opened for some
time to come, authority
might be granted for
placing it in first class
order.

The Superintending
Engineer G. S. having
been desired to report
upon the condition
of the road within the
limits

limits of the Mohamody
Dist, that Officer in
his letter No 1836 dated
13th February 1864 intimated

that it was in a fit
state for Mail Coach
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it in very fair order,
especially the portion which
follows the north bank
of the Cauvery. He

observed, however,
that the state of the
~~road~~ road was much
influenced by the
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of it not being metalled,

and that the rains in
December last must
have affected three por-
tions in the injurious
way brought to notice by
His Excellency the Com-
mander in Chief

In the letter recorded
above, the Superintending
Engineer G. B. submits an
estimate for gravelling
and metalling 28 miles
of the road, ~~within the~~
~~limits of the~~
~~the following~~
~~the necessity~~
for carrying out the
is also urged by the Colly,
with the Governor in
Council sanctioning the

Estimate and direct
that application for
the requisite funds be
made ~~immediately~~ after the

10th May next.

Ad.

transmitted all the

information for all the

information for all the

information for all the

information for all the

information for all the

information for all the

information for all the

information for all the

information for all the

information for all the

The Supergr 6th 10th ✓
" Controller & aud. & accts ✓
" Accts. Genl ✓
" Mily. Accts ✓
" Post Master ✓
" Rep. Genl ✓
" Rep. Encl. ✓

45
6
Dec 18th April -

(12)

4th 1864 Depo
of Pro: of Govt for Afula

No 1092

Pro: of the Allypore
2/16 Apr/64
J. H. H.

Estimate of Rs 15,800
for metalling and gravelling 28 miles
of the road from Trichinopoly
to Salem sanctioned.

No 411-4/2