

P.W. 93608'97

~~Marine~~ (1898) Department.

✓ G.O., No. 3876

DATED 16 February 1898

18/2/98

[Despatch Abstract.]

Roads: Estimates for certain — in the Coimbatore  
District, sanctioned under "33 Famine Relief" on the under-  
standing that the works <sup>should be commenced</sup> ~~will be undertaken~~ only on the  
occurrence of famine.

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+ 14

16.2.98

Recd 17/2

Estimates for certain — in the Coimbatore district, sanctioned under “33. Famine relief” on the understanding that the works should be commenced only on the occurrence of famine.

## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

Buildings and Roads.  
Civil Works.

READ—the following papers:—

From J. HANNAN, Esq., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 15th September 1897, No. 506/W.

I have the honour to submit herewith, for sanction of Government, 32 famine estimates as per list accompanying, amounting in all to Rs. 4,99,200, for repairs to roads in the Coimbatore district. The President of the District Board states that these works are included in the famine programme for 1897-98.

A copy of the District Board's resolution sanctioning the estimates is herewith forwarded.

*Note by the Chief Engineer, Public Works Department.*

The Chief Engineer considers that the metal should be broken to  $1\frac{1}{2}$ " ring, and that a uniform thickness of  $1\frac{1}{2}$ " of gravel should be allowed everywhere.

2. The following widths for the metalled portions of the roads should also be adopted:—

|                                                            | FEET. |
|------------------------------------------------------------|-------|
| (a) Méttupálaiyam-Kallar road                              | 21    |
| (b) District roads                                         | 18    |
| (c) Taluk roads (except where estimated for 12 feet width) | 15    |

4th February 1898.

(Signed) W. B. DEWINTON,  
Chief Engineer.

ORDER—No. 387 W., dated 16th February 1898.

The undermentioned famine estimates for repairs to roads in the Coimbatore district are sanctioned:—

## 33. Famine Relief—Local.

| Name of work.                                                                    | Amount of estimate. | Register Number.      |
|----------------------------------------------------------------------------------|---------------------|-----------------------|
|                                                                                  | RS.                 |                       |
| (1) Repairing the road from Méttupálaiyam to Kallar, length 5 miles 4½ furlongs  | 15,800              | No. 97 W. of 1897-98. |
| (2) Repairing the road from Coimbatore to Bolampatti, length 10 miles 5 furlongs | 11,540              | " 98 W. of "          |
| (3) Repairing the road from Coimbatore to Thadagam, length 9 miles 7 furlongs    | 10,500              | " 99 W. of "          |
| (4) Repairing the road from Bhaváni to Walliar, length 12 miles 6 furlongs       | 13,800              | " 100 W. of "         |
| (5) Repairing the road from Erode to Karúr, length 24 miles 3 furlongs—          |                     |                       |
| Amount of estimate                                                               | 26,000              |                       |
| Amount sanctioned in 1896-97                                                     | 8,174               |                       |
| Balance                                                                          | 17,826              | " 101 W. of "         |

| Name of work.                                                                                    | Amount of estimate. | Register Number.       |
|--------------------------------------------------------------------------------------------------|---------------------|------------------------|
|                                                                                                  | RS.                 |                        |
| (6) Repairing the road from Kangayam to Perundurai, length 12 miles 2 furlongs                   | 11,000              | No. 102 W. of 1897-98. |
| (7) Repairing the road from railway feeder from Padiyur to Kunnathur, length 13 miles 7 furlongs | 12,800              | " 103 W. of "          |
| (8) Repairing the road from Perundurai to Kunnathur, length 12 miles 2 furlongs                  | 12,000              | " 104 W. of "          |
| (9) Repairing the road from Erode to Vellakovil, length 19 miles 7 furlongs                      | 18,600              | " 105 W. of "          |
| (10) Repairing the road from Bhaváni to Nerinjepet, length 15 miles 3 furlongs                   | 14,200              | " 106 W. of "          |
| (11) Repairing the road from Nerinjepet to Kaveripuram, length 16 miles 4 furlongs               | 14,200              | " 107 W. of "          |
| (12) Repairing the road from Karúr toll-gate to Méttupálaiyam, length 24 miles 1 furlong         | 22,600              | " 108 W. of "          |
| (13) Repairing the road from Udamalpet to Karúr, length 23 miles 3 furlongs—                     |                     |                        |
| Amount of estimate                                                                               | 23,200              |                        |
| Amount sanctioned in 1896-97                                                                     | 9,950               |                        |
| Balance                                                                                          | 13,250              | " 109 W. of "          |
| (14) Repairing the road from Dhárápúram to Tiruppúr, length 13 miles 6 furlongs                  | 14,470              | " 110 W. of "          |
| (15) Repairing the road from Erode to Karúr, length 11 miles                                     | 10,200              | " 111 W. of "          |
| (16) Repairing the road from Udamalpet to Karúr, length 16 miles 3 furlongs                      | 14,300              | " 112 W. of "          |
| (17) Repairing the road from Chinna Dhárápúram to Madura frontier, length 11 miles               | 10,400              | " 113 W. of "          |
| (18) Repairing the road from Pollachi to Palladam, length 20 miles                               | 20,000              | " 114 W. of "          |
| (19) Repairing the Pollachi-Samathur road, length 6 miles                                        | 15,000              | " 115 W. of "          |
| (20) Repairing the road from Dhárápúram to Pollachi, length 10 miles 5 furlongs                  | 15,000              | " 116 W. of "          |
| (21) Repairing the road from Kinathukadavu to Katampatti, length 10 miles 5 furlongs             | 16,000              | " 117 W. of "          |
| (22) Repairing the road from Dhárápúram to Pollachi, length 10 miles                             | 14,500              | " 118 W. of "          |
| (23) Repairing the road from Bhaváni to Walliar via Avanashi, length 26 miles 7 furlongs         | 38,430              | " 119 W. of "          |
| (24) Repairing the road from Karúr toll-gate to Méttupálaiyam, length 23 miles 4 furlongs        | 33,000              | " 120 W. of "          |
| (25) Repairing the road from Udamalpet to Tiruppúr, length 25 miles—                             |                     |                        |
| Amount of estimate                                                                               | 25,330              |                        |
| Amount sanctioned in 1896-97                                                                     | 13,346              |                        |
| Balance                                                                                          | 11,984              | " 121 W. of "          |
| (26) Repairing the road from Pollachi to Palladam, length 10 miles 2 furlongs                    | 10,300              | " 122 W. of "          |
| (27) Repairing the road from Avanashi to Palladam, length 14 miles 3 furlongs                    | 14,700              | " 123 W. of "          |
| (28) Repairing the road from Satyamangalam to Perundurai, length 10 miles 7 furlongs             | 12,400              | " 124 W. of "          |
| (29) Repairing the road from Satyamangalam to Bhaváni, length 18 miles 1 furlong                 | 17,400              | " 125 W. of "          |
| (30) Repairing the road from Coimbatore to Satyamangalam, length 14 miles                        | 12,800              | " 126 W. of "          |
| (31) Repairing the road from Kollegal to Ujjipuram, length 8 miles                               | 13,800              | " 127 W. of "          |
| (32) Repairing the road from Kollegal to Sivanasamudram, length 10 miles 2 furlongs              | 16,400              | " 128 W. of "          |

No. 387 W., 16TH FEBRUARY 1898.

2. These estimates should not be commenced on the present sanction except on the occurrence of famine.

3. Attention is drawn to the Chief Engineer's note recorded above.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, IV Circle.  
 „ Examiner, Public Works Accounts.  
 „ Local and Municipal Department, with 34 enclosures.

Exd. T. K. Narayana Aiyangar.

[500-14-10-97.]

Famine estimates, Coimbatore St.

P.W. DEPARTMENT.

Papers to be read in proceedings:—

Again G.O., dated

189 , No.

Again G.O., dated

189 , No.

Current No. 9360 of 1897, dated 15<sup>th</sup> September/897 from the P.E. IV Circle

„ „ „ 189 „ „ „

„ „ „ 189 „ „ „

Note by the Chief Engineer P.W.D., dated 4<sup>th</sup> February 1898

ORDER.

for 387 W of 16.2.98.

The Secretary, L & M Dept.  
 for favour of Counter-initial

Note for the Secretary

No objection in this Department

15/2/98

Name of work

The undermentioned  
 famine estimates for repairs to  
 roads in the Coimbatore District  
 are sanctioned:—

33. Famine Relief, Local.

Amount of estimate - Registered No.

(1) Repairing the road from Metturpalayam  
 to Kallat. Length 5 miles 4 1/2 furlongs } Rs 15,800 - No 97 W of 1897-98

(2) — from Coimbatore to Bolampatti  
 Length 10 miles 5 furlongs } Rs 11,540 - No 98 W of 1897-98

(3) — from Coimbatore to Thadagam  
 Length 9 miles 7 furlongs } Rs 10,500 - No 99 W of 1897-98

(4) — from Bhavani to Wallhar  
 Length 12 miles 6 furlongs } Rs 13,800 - No 100 W of 1897-98

(5) — from Erode to Karur Length 24 miles 3 furlongs

Amount of estimate Rs 26,000

Amount sanctioned in 1896-97 Rs 8,174

Balance Rs 17,826 - No 101 W of 1897-98

(6) — from Kangayam to Perundurai

Length 12 miles 2 furlongs } Rs 11,000 - No 102 W of 1897-98

- 1) Repairing the road from Railway feeder from Padinjur to Kunnathur — Length 13 miles 7 furlongs — } Amount of estimate Rs 12,800 — No 103 W of 1897-98
- 2) — Do — from Perundurai to Kunnathur — Length 12 miles 2 furlongs — } — Rs 12,000 — No 104 W of 1897-98.
- 3) — Do — from Erode to Vellakovil Length 19 miles 7 furlongs — } Rs 18,600 — No 105 W of 1897-98.
- 4) Repairing the road from Bhavani to Nerinjipet — Length 15 miles 3 furlongs — } Rs 14,200 — No 106 W of 1897-98.
- 5) — Do — from Nerinjipet to Kaveripuram — Length 16 miles 4 furlongs — } Rs 14,200 — No 107 W of 1897-98.
- 6) — Do — from Karur toll gate to Mettupalayam — Length 24 miles 1 furlong — } Rs 22,600 — No 108 W of 1897-98.
- 7) — Do — from Udumalpet to Karur — Length 23 miles 3 furlongs — } Amount of estimate — Rs 23,200  
Amount sanctioned in 1896-97 — Rs 9,950  
Balance Rs 13,250 — No 109 W of 1897-98
- 8) — Do — from Tharapuram to Timpur — Length 13 miles 6 furlongs — } Rs 14,470 — No 110 W of 1897-98
- 9) — Do — from Erode to Karur Length 11 miles — Rs 10,200 — No 111 W of 1897-98.
- 10) — Do — from Udumalpet to Karur Length 16 miles 3 furlongs — Rs 14,300 — No 112 W of 1897-98.
- 11) — Do — from Chinna Tharapuram to Madura frontier Length 11 miles — } Rs 10,400 — No 113 W of 1897-98.
- 12) — Do — from Pollachi to Palladam Length 20 miles — Rs 20,000 — No 114 W of 1897-98
- 13) — Do — the Pollachi Samathur road Length 6 miles — Rs 15,000 — No 115 W of 1897-98.
- 14) — Do — the road from Tharapuram to Pollachi — Length 10 miles 5 furlongs — } Rs 15,000 — No 116 W of 1897-98.
- 15) — Do — from Kinnathukadavu to Kattampatti — Length 10 miles 5 furlongs — } Rs 16,000 — No 117 W of 1897-98.
- 16) — Do — from Tharapuram to Pollachi — Length 10 miles — } Rs 14,500 — No 118 W of 1897-98.

Rs 23,7986

- (23) Repairing the road from Bhavani to Wallian via Avanashi Length 26 miles 7 furlongs — } Amount of estimate — Rs 38,430 — No 119 W of 1897-98
- (24) — Do — from Karur toll gate to Mettupalayam — Length 23 miles 4 furlongs — } Rs 33,000 — No 120 W of 1897-98
- (25) — Do — from Udumalpet to Tirupur Length 25 miles — } Amount of estimate — Rs 25,330 — No 121 W of 1897-98  
Amount sanctioned in 1896-97 — Rs 13,346
- (26) — Do — from Pollachi to Palladam Length 10 miles 2 furlongs — } Rs 10,300 — No 122 W of 1897-98
- (27) — Do — from Avanashi to Palladam Length 14 miles 3 furlongs — } Rs 14,700 — No 123 W of 1897-98
- (28) — Do — from Satyamangalam to Perundurai — Length 10 miles 7 furlongs — } Rs 12,400 — No 124 W of 1897-98
- (29) — Do — from Satyamangalam to Bhavani — Length 18 miles 1 furlong — } Rs 17,400 — No 125 W of 1897-98
- (30) — Do — from Coimbatore to Satyamangalam — Length 14 miles — } Rs 12,800 — No 126 W of 1897-98
- (31) — Do — from Kollegal to Ujjipuram Length 8 miles — Rs 13,800 — No 127 W of 1897-98
- (32) — Do — from Kollegal to Sivanasamudram — Length 10 miles 2 furlongs — } Rs 16,400 — No 128 W of 1897-98

2 These estimates should not be commenced, except on the occurrence of famine.

3 Attention is drawn to the Chief Engineer's note recorded above.

The P. E. IV arch  
Exam. P. W. Arch  
L & M Sept 1898

From 312198

Note. These estimates have been dealt

call with in the accompanying tech-

- 1) Brief note. These works will be  
on the present sanction,  
undertaken, only in the event of  
2) famine.

Srom  
3/2/98

W 4.2.98

Cm

Cm

P.W.D.

Note by the Chief Engr, P.W.D.

The Chief Engineer  
Considers that the metal should  
be broken to  $1\frac{1}{2}$ " ring, and that  
a uniform thickness of  $1\frac{1}{2}$ " of  
gravel should be allowed everywhere.

2. The following widths  
for the roads should also be  
adopted: -

- (a) Mettupalayam Kallar road - 21 feet  
(b) District roads - 18 feet  
(c) Taluk roads - 15 feet  
except  
excepted where estimated  
for 12 feet width.

Srom  
3/2/98

W 4.2.98  
E.W.

Cm

See L & M Dept 4/2/98. R 8.2.98 H.E. 8.2.98  
H.M. 12-2-98 R 15-2-98

Public Works Department.

Current No. 9360

Letter No. 506 W.

Dated 15th September 1897

From the Supt. Engr. IV Circle

NOTE BY TECHNICAL SECTION.

Name of work The Supt. Engineer

IV Circle submits the under-mentioned 32 Famine Estimates for repairs to roads in the Coimbatore District for sanction of Government.

1. Repairing the road from Mettupalayam to Kallar - Length 5 miles  $4\frac{1}{2}$  furlongs - Rs. 15,800.

2. Do - from Coimbatore to Kolampatti - Length 10 miles 5 furlongs - Rs. 11,540.

3. Do - from Coimbatore to Thadagam - Length 9 miles 7 furlongs - Rs. 10,500.

4. Do - from Bhavani to Wallah - Length 12 miles 6 furlongs - Rs. 13,800.

5. Do - from Erode to Karur - Length 24 miles 3 furlongs - Rs. 26,000 out of which amount sanctioned in 1896-97 Rs. 8,174, leaving a balance of Rs. 17,826.

6. Do - from Kangayam to Perundurai - Length 12 miles 2 furlongs - Rs. 11,000.

7. Do - from the road from Railway feeder from Padinjery to Kurnattur - Length 13 miles 7 furlongs - Rs. 12,800.

There is considerable variation among these ests. in the thickness of metal and gravel allowed - It would be better to give, in each case, 6" metal &  $1\frac{1}{2}$ " gravel. The following widths <sup>for</sup> of the roads might also be adopted.

(a) Mettupalayam - Kallar Road - 24 ft (Est. No. 1)

(b) District Roads - 18 ft

(c) Taluk Roads - 15 ft except where estimated for 12 ft width (- see ests nos. 20, 21, 22.)

From 25th 1898

If they have been made 6" uniform thickness, and do, let being up to existing roads, the amt of metal will not depend on the state of the road. To leave the metal as it is, make gravel everywhere  $1\frac{1}{2}$ " & width

8. Do. from Perundurai to Kumbakonam - Length 12 miles 2 furlongs - Rs 12,000
9. Do. Erode to Vellakottai - Length 19 miles 7 furlongs - Rs 18,600
10. Repairing the road from Bhavani to Neringipet - Length 15 miles 3 furlongs - Rs 14,200.
11. Do. Neringipet to Kaveri - Length 16 miles 4 furlongs - Rs 14,200.
12. Do. Kaveri to Metturpalayan - Length 24 miles 1 furlong - Rs 22,600
13. Do. from Udumalpet to Kaveri - Length 23 miles 3 furlongs - Rs 23,200 out of which, amount sanctioned in 1896-97 Rs 9950 leaving a balance of Rs 13,250.
14. Do. from Dharmapuri to Tirupur - Length 13 miles 6 furlongs - Rs 14,470.
15. Do. from Erode to Kaveri - Length 11 miles - Rs 10,200.
16. Do. from Udumalpet to Kaveri - Length 16 miles 3 furlongs - Rs 14,300.
17. Do. from Chinnar Dharmapuri to Madurai - Length 11 miles - Rs 10,400.
18. Repairing the road from Pollachi to Palladam - Length 20 miles - Rs 20,000
19. Do. Pollachi to Samathur - Length 6 miles - Rs 15,000.
20. Do. Dharmapuri to Pollachi - Length 10 miles, 5 furlongs - Rs 15,000
21. Kinnathur to Kottur - Length

as above. except  
 the top of road which  
 shall be 21' not 24' -  
 the latter is needed  
 wide - say metal  
 must be added to  
 1 1/2 m. long

*[Faint handwritten notes and calculations, including "Rs 23,200" and "Rs 13,250"]*

22. Dharmapuri to Pollachi - Length 10 miles - Rs 14,500
  23. Do. from Bhavani to Wallia via Aravathi - Length 26 miles 7 furlongs - Rs 38,430.
  24. Do. from Kaveri to Metturpalayan - Length 23 miles 4 furlongs - Rs 33,000
  25. Do. from Udumalpet to Tirupur - Length 25 miles - Rs 25,330.
- Amount sanctioned in 1896-97 Rs 13,346 - Balance to be spent - Rs 11,984.
26. Do. from Pollachi to Palladam - Length 10 miles 2 furlongs - Rs 10,300.
  27. Do. road from Aravathi to Palladam - Length 14 miles 3 furlongs - Rs 14,700
  28. Do. from Satyamangalam to Perundurai - Length 10 miles 7 furlongs - Rs 12,400
  29. Do. from Satyamangalam to Bhavani - Length 18 miles 1 furlong - Rs 17,400.
  30. Do. from Coimbatore to Satyamangalam - Length 14 miles - Rs 12,800
  31. Do. from Kollegal to Hijiapuram - Length 8 miles - Rs 13,800.
  32. Do. Kollegal to Sivana - Length 10 miles 2 furlongs - Rs 10,400
- Total Rs 4,99,200

Estimate 1 provides for installing roadway 24 feet wide + 4 1/2 inches thick - & travelling over 24 feet wide + 2 1/4" thick - spreading, watering, tamping &c

Estimate 2 provides for installing roadway 15 feet wide and 3" deep

and sand sprinkling  $\frac{1}{2}$  inches thick  
8. bind the Kunkur metal used  
spreading, watering, tamping &c.  
Estimates 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14,  
15, 16, 17, 18, 25, 26, 27, 28, 29, 30,  
31, and 32 provide for metalling  
roadway 15 feet wide 3" deep and  
pavelling 15 feet wide  $1\frac{1}{2}$ " deep  
spreading, watering, tamping &c.  
Estimate 4 provides for metalling  
roadway 15 feet wide 3 inches  
deep + pavelling 15 feet wide  
and 1" deep - spreading, watering,  
tamping &c.  
Estimate 19 provides for metalling  
roadway 18 feet wide 6" deep and  
pavelling 18 feet wide 3" deep  
spreading, watering, tamping &c.  
Estimate 20 provides for metalling  
roadway 12 feet wide 3" deep  
pavelling 12 feet wide  $\frac{1}{2}$ " deep.  
Estimate 20 provides metalling  
roadway 12 feet wide 6" thick  
pavelling 12 feet wide 3" deep  
watering, tamping, spreading &c.  
Estimate 22 provides metalling road-  
way 12 feet wide 6" deep and  
pavelling 12 feet wide  $\frac{1}{2}$ " deep - binding  
watering, spreading, tamping &c.  
Estimates 23 + 24 provides for metalling  
roadway 15 feet wide 4" deep and  
pavel 15 feet  $1\frac{1}{2}$ " wide - binding  
spreading, watering, tamping &c.  
The rates allowed have been checked  
with the District Schedule & found  
correct.  
The Estimates have been countersigned  
by the President District Board &  
passed in District Board Proceedings  
dated 28<sup>th</sup> August 1897.

16-9-97.

# Public Works (1897) Department.

CURRENT No. 9360

Order

From The Supp. Engineer  
4<sup>th</sup> Circle

No. 506  
W

Dated 15<sup>th</sup> September 1897

Received 21-9-97

Enclosures 3/4.

Spare copies ✓

## SUBJECT.

Famine estimates for  
repairing certain roads  
in the Coimbatore D<sup>th</sup>.

Submits for sanction  
of Government certain

I am  
Secretary  
16-9-97

Supltg-Engineer, 4 Teils

99  
v. v.

Reference to L. F. W. Rules.  
Paras 4

1" wide 3 feet by 11" wide 4 feet = 10.2  
Metal 15 x 3"  
Ground 15 x 1 1/2"  
Pulley + frame metal + ground surface

DLF.34  
9360/97

of 18977

from Kellegat to Sivansamudrum

Kellegat Talay

W - Department

18.