(1) பக்கங்களின் எண்ணிக்கை 20

(2) புதுக்கித் திருப்பிய நாள் 12.90

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

59

தமிழ்நாடு அரசு

P. W. D துறை

அரசாணை எண். 2528 அச்சகம்
மு. கோப்புத் தாள் எண். பலவகை

நாள் : 19-9-1891 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

10 - Sheets

ஆவண. கா-1—18,000—15-6-87.

2528/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From J. W. MARTIN, Esq., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 30th August 1891, No. 626 T.N.

I have the honour to forward, herewith, a letter No. 107, dated 8th August 1891, of the President, District Board, Tinnevelly, addressed to the Chief Secretary to Government, together with its accompaniments.

2. The estimate, amounting to Rs. 20,790, received with the letter for constructing a road from Sankaranainárkoil *vid* Nagaram to join road No. XI (Tenkási to Madura) near Sindamani comprises the following items:—

	Rs.
Earthwork for raising road	4,662
Metalling, including spreading, watering and tamping	9,450
Gravelling	2,158
Compensation for land	3,598
Contingencies, including mile and demarcation stones	522
Petty establishment	400
Total ...	20,790

3. The length of the road is 9 miles 4 furlongs and 515 feet and its top surface is to be 16 feet in width, of which 12 feet are to be metalled, the side slopes being 2 to 1. The metal is to consist of 4½ inches of quartz and 1½ inches of gravel up to sixth mile and fifth furlong, and beyond this point to road No. XI the metal is to consist of 6 inches of quartz and 1½ inches of gravel, the soil being clayey.

4. No provision is made in the estimate for the construction of masonry works on the line, but in the report it is stated a separate estimate will be prepared for the masonry works required.

5. The amount of compensation to be paid for the land to be taken up for the road is also included in the estimate.

6. The rates entered are fair and the estimate is recommended for sanction.

Note by the Chief Engineer, Public Works Department.

The cross section of road, which accompanies this estimate, does not show the inclined form which it is desirable to give to the section of the road surface, but, as chapter VII—2-2 of standard specifications is specified, this point should receive attention during construction.

2. It is desirable to turf the side slopes where the road passes through tanks.

3. Attention is drawn to G.O., No. 1986 W., dated 21st July 1890.

4. If the traffic is at all heavy, twelve feet will be found an insufficient width of gravelling and will have to be increased to fifteen feet.

12th September 1891. (Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 19th September 1891, No. 2528 W., Public Works.

The estimate, amounting to Rs. 20,790, for constructing a road from Sankaranainárkoil to join road No. XI (Tenkási to Madura), is sanctioned.

2. Attention is drawn to the note by the Chief Engineer, Public Works Department, above recorded.

3. This sanction has been registered as Local No. 18 W. of 1891–92.

(True Extract.)

Major, R.E.,
Under-Secy. to Govt., P.W.D.

To the Local and Municipal Department, with thirteen enclosures.
" Superintending Engineer, VI Circle.

Exd. A. D. Xavier.
Spare Copies

2528
/2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated September 19th.

Read. *Encl.*

G.O., 19th Sept. 1891, No. 2528 W.

SEPTEMBER

Road

Estimate of Rs. 20,790 for constructing a — from Sankaranainárkoil to join road No. XI (Tenkási to Madura), sanctioned.

No. 626 T.N.

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE.

Trichinopoly, 30th August 189 1
Des: 31st

2528/3

From J. W. Martin Esqr.
The Superintending Engineer,
6TH CIRCLE.

To
The Chief Engineer
P.W.D.

SIR,

I have the honor to forward herewith a letter No 107. of 8th Augt 1891 of the President, District Board Tinnevelly, addressed to the Chief Secretary to Govt. together with its accompaniments.

2. The estimate amounting to Rs 20790 received with the letter for constructing a Road from Sankaranainarkoil to join Road No XI (Tenkasi to Madura near Sundaranai comprises the following items —

	Rs.
Earth work for raising Road	4662
Metalling including spreading watering and limping	9430
Gravelling	2158
Compensation for land	3598
Contingencies including mile & demarcation stones — 3	522
Petty Establishment	400
Total Rupees	20790

3. The length of the road is 9 miles

Encl. 10
1 Let. with plan
3 Sheets of Survey
1 Lgt. Section
1 Cross Section of the Road
1 Estimate
1 Land Schedule
1 Dft. Rs. Resolution
1 Letter addressed to the Chief Secretary to Govt

Encl 1 to 8 sent separately by Book Post

2528/4

4 furlongs 2 5 15 feet, and its top surface is to be 16 feet in width of which 12 feet are to be metalled the side slopes being 2 to 1. The metal is to consist of 4½ inches of quarts and (1½) inches of gravel upto 6 mile 2 5th furlong, and beyond this point to Road No. 21. the metal is to consist of 6 inches of quarts and (1½) inches of gravel, the soil being clayey- 2 4

4. No provision is made in the Estimate for the construction of masonry works on the line, but in the report it is stated a seperate estimate will be prepared for the masonry works required.

5. The amount of compensation to be paid for the land to be taken up for the road is also included in the estimate-

6. The rates entered as fair in the estimate is recommended for sanction -

I have the honor to be
Sir
Your most obedt. Servt.
L. W. Martin
Supty: Lepers Asylum

9817

No. 1986 w dt 21-7-90

P. W. D. 6TH CIRCLE.

From

The Superintending Engineer,

6th Circle.

To

The Chief Engineer
P.W.D.

No. 626 · T.N.

Dated 30th
Rec: 31 August 1891

Enclosures. 10·13 (×6 plans)

Road from Tan Karanainar Koil via Nagaram to Jain Road No XI (Tinkasi to Madura) near Sindamani Tinnevelly District —

Forwards for sanction of Govt the estimate for constructing a — and also the letter from the President D.t Board addressed to the Chief Secretary

Y W.
2.IX.91

258/5 P. W. Department

From the Supdg: Engineer VI circle, No: 626 T. N. dt 30. VIII. 1891

—

Note by the Chief Engineer, P. W. dept dated 12th September 1891.

V P The cross section of road which accompanies this estimate does not show the inclined form which it is desirable to give to the section of the road surface, but as chapter VII – 2. 2 of standard specifications is specified, this point should receive attention during construction.

2. It is desirable to turf the sides slopes where the road passes through tanks.

3. Attention is drawn

to

to G.O. No. 1986 W dated 21st July 1890.

4. If the traffic is at all heavy twelve feet will be found an in-sufficient width of gravelling, and will have to be increased to fifteen feet.

E.W.
17/3

Ex. 9716

4 July 1890

× 25%

If the traffic is at all heavy twelve feet will be found an insufficient width of gravelling, and will have to be increased to fifteen feet —

E
17/3

Vide copies

Ob 85-17
2412-17

Public Works Department, 188 -8 .

Current No. 9317
Letter No. 676 T. R.
Dated the 30th August 1891
From the Supg Engineer. II Circle.

NOTE OF REMARKS.

Constructing a road from Sam: Karanamarkoil to join road No. XI. near Sindamani via Nagaram Tinnevelly District

Amount of estimate Rs 20790

This road is proposed to connect two main roads Nos 8 & 11 from Sankaranainarkoil on road No. 8 to Sindamani near road No. 11 via Nagaram. The total distance being 9 miles 4 furlongs and 515 feet. From the report accompanying the estimate it is proposed to utilize the first 2 miles of the existing cart track and then run the line through dry and wet cultivation for which compensation will be paid to the extent of Rs 3598 vide land schedule forwarded.

3588/7

The cross section of road which accompanies this estimate does not show the inclined form which is to give the desirable curvature to the road surface but as per Chap. VIII-2-2 of standard specifications is specified this point should receive attention during construction -

It is desirable to turf the side slopes where the road passes through tanks -

Attention is drawn to G.O. No. 1986 W. dd 6-7-90 -

As a portion of the road traffic is likely to pass by this road whether the minimum width of metalling referred to in Chapter should not be adhered to -

Land is
D.W.B
8-9-91

A survey of the proposed road showing the neighbouring villages on the line accompanies the estimate.

The top surface of the road is to be 16 feet in width of which 12 feet are to be metalled to a depth of 4½ inches for a length of 34980 feet from Sankaramanai: -kurichi and the remaining portion to a depth of 6" owing to this portion of the proposed road being of clayey soil.

The metal is to be covered with 2 inches of gravel throughout.

The side slopes of the em: -bankments are 2 to 1.

The accompanying estimate provides only for metalling gravelling and earthwork. No provision is made for masonry works but from the reports it is stated that a separate estimate will be framed hereafter for such works.

The rate provided for gravel being annas 12 is Rs 2-3-2 for 100 Cft is high the schedule rates for the Shermadevi

Sub Division

2538/8

Sub Division of the Tinnevelly Division provides annas 8 only. The other rates are fair.

The surface of the road is proposed to be made level, vide section submitted. I beg to suggest that the road may be constructed of a bevelled shape, say 6" of metal at centre and 4½" at sides so that rain falling on the road surface may be readily drained off and not allowed to soak through and soften the road.

No provision is made to line the side slopes of the earth embankment as a great length of the embankment is proposed to be made in the water spread of tanks.

The item of Contingency includes mile stones &c and is charged at 3 %

Petty supervision at 2½ %

The plans & estimate have received the countersignature of the Vice President of the Dist: Board.

Rec'd. 18-9-1

Through the cross section does not show this, state para 2 of § 62 of Chapter VII is specially specified to be strictly adhered to, & this para. specifies the proper section of the road surface

No 2528 dated 17 Septr 1891 Civil & Mily.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

2598/91

READ the following

Letter from the Supt Engr VI Circle No 626 TN dy 30-8-91

Note by the Chief Engineer, P.W.D. dy. 12th September 91

The estimate amounting to Rs 20,790 for constructing a road from Sankaramaraina-Koil to join road No XI (Tenkasi to Madura) is sanctioned

2. Attention is drawn to the note by the Chief Engineer P.W.D. above recorded.

3. This sanction has been registered as Local No 18 W of 1891-92.

7. The Local Fund Dept with 13 encls.

Supt Engr VI Circle.

13 9.9.91

14 Sept

2528
10

9317

1890.

Public Works Department.

No.

Dated

Despatched

Received

19th Sept 1891 to 25-2849.

SUBJECT.

Road

Rs 1st 20790 for cooly
& from Sankaran=
=iamankoil to pon
road. No XI (Sukkili=
Madura) Sanctioned.

P.C.
10
4

(10)

30/11/91 2/12/91.