(1) பக்கங்களின் எண்ணிக்கை 22
(2) புதுக்கித் திருப்பிய நாள் 1|91
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

46

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 1445

அச்சகம்
பலவகை

நாள் : 9-5-1892 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

11 sheets

ஆவண. கா-1—18,006—15-6-87.

9TH MAY 1892, No. 1445 W., PUBLIC WORKS.

1445/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads, Civil Works.

READ—the following papers:—

From Lieut.-Colonel A. C. SMITH, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 19th April 1892, No. 50 T.N.

I have the honour to forward, herewith, letter No. 37, dated 2nd April 1892, from the President of the District Board, Tinnevelly, addressed to the Chief Secretary to Government, together with its accompaniments.

2. The estimate, amounting to Rs. 24,500, received with the above letter, for construction of road from Nazareth to Satankulam in the Tenkarai taluk, Tinnevelly district, comprises the following items:—

	RS.
Earthwork	3,117
Metalling, including spreading, watering and tamping	10,452
Gravelling do. do.	3,466
Compensation for land	549
1 platform bridge of 6 vents of 6′ × 6′ each	1,100
1 do. of 6 do. of 6′ × 4′ do.	1,050
1 do. of 3 do. of 6 × 4 do.	510
1 culvert of 1 vent of 6′ × 3′	235
1 do. of 1 do. of 6′ × 3′	175
4 do. of 1 do. of 3 × 1½ at Rs. 145	580
4 do. of 1 do. of 3 × 1½ at Rs. 135	540
7 road dams of 90′ at Rs. 135 each	945
5 do. of 90′ at Rs. 65	325
1 do. of 75′	62
4 do. of 60′ at Rs 90 each	360
5 do. of 60′ at Rs. 42	210
Charges for fixing mile and furlong stone	77
General contingencies and petty supervision	747
Total ...	24,500

3. The length of the road is 9 miles 3 furlongs and 30 feet. The first 1,780 feet of the road has been metalled to a width of 9 feet which is to be widened by adding a layer of metal 1½ feet broad on each side. The remaining portion of the road will be formed, metalled and bridged as per provision made in the estimate. On the ninth mile the river Karumaniar crosses the road which is left unbridged for the present.

4. The top surface of the road is to be 15 feet in width, of which 12 feet are to be metalled, the side slopes 2 to 1. The metal is to consist of 6 inches broken stone and 3 inches of gravel.

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 estimate has been approved of by the District Board in their Resolution No. 1, dated 28th March 1892.

7. The rates entered are fair and the estimate is recommended for sanction. Perhaps the thickness of gravel might be reduced with advantage.

Note by the Chief Engineer, Public Works Department.

Submitted for the sanction of Government.

2. It is a disadvantage to cover the road metal with a layer of gravel 3" thick. A depth of an inch or an inch and a half is quite sufficient to bind the broken stone.

29th April 1892. (Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 9th May 1892, No. 1445 W., Public Works.

The estimate, amounting to Rs. 24,500, for constructing a road from Nazareth to Satankulam in the Tinnevelly district, is sanctioned.

2. The attention of the District Board is drawn to the remarks of the Chief Engineer in his note recorded above.

3. This sanction has been registered as Local No. 8 W. of 1892-93.

(True Extract.)

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

To the Superintending Engineer, VI Circle.
„ Local and Municipal Department, with 11 enclosures.

Exd. A. D. Xavier.
Spare Copies

1445/2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1892} Madras.
PUBLIC WORKS.

Dated May, 9th.

Recd. *Encl.*

G.O., 9th May 1892, No. 1445 W.

MAY.

Road from Nazareth to Satankulam

Estimate of Rs. 24,500 for constructing a — in the Tinnevelly district, sanctioned with remarks.

PROCEEDINGS OF THE DISTRICT BOARD

TINNEVELLY.

Dated 28th March 1892

Resolution No. 1

1445/3

PRESENT.

G. S. Forbes Esquire — President

Officials.

1 J. Hewetson Esquire Sub Collector Tinnevelly
2 M.R.Ry N. R. Nellayappa Pillai Avl. Tahsildar Otapidaram
3 — " — Ramalingam Pillai Avl. Sub Asstt. Inspector of Schools Tinnevelly range
4 — " — Singam Ayyangar Avl. Rao Sahib Tahsildr. Ambasamudram
5 — " — R. Subramania Aiyar Avl. Rao Bahadur Dist. Registrar
6 — " — V. Venkataraya Aiyar Avl. Rao Sahib Manager Ettiapuram

Non Officials

7 M.R.Ry Saminatha Pillai Avl. Rao Sahib
8 — " — W. E. Ganapathi Pillai Avl. — " —
9 — " — Subba Naidugaroo Avl. — " —
10 — " — Somasundram Pillai Avl. — " —
11 — " — Syedjimnah Sahib Avl. Khan Sahib
12 — " — Nattaduwava Rowther Avl. — " —
13 — " — Subbaroya Pillai Avl. Rao Sahib
14 — " — Ramalingam Pillai Avl. — " —
15 — " — Canugo Muthiah Pillai Avl. — " —
16 — " — Sankarasadasiva Somaiyajiar Avl. — " —
17 — " — M. R. Ramakrishna Aiyar Avl. — " —

—

Read letter from the local fund Engineer Tinnevelly, No. 985/A.77 of the 13th March 1892 forwarding for sanction an estimate for Rs 24,500, for constructing a road from Nazareth to Satankulam, Tenkarai taluk.

Sanctioned - to be undertaken if and when funds are available as a reserve work

(True extract)

Vice President

SUPDG. ENGINEER'S OFFICE
6-AUG-92

District Board Office Tinnevelly

No. 37

Dated, 2nd April 1892.

From,

G. S. Forbes Esquire,
President District Board
Tinnevelly

To,

The Chief Secretary to Government
Fort Saint George

Thro The Superintending Engineer
VI Circle

1445/4

Sir,

I have the honor to forward for the sanction of Government an estimate for Rs 24,500 for the construction of road from Nazareth to Satankulam, Tenkarai taluk.

2. There is a metalled taluk road from Alwar-tirunagari to Nazareth; but south of Nazareth there is no formed line of communication. A great portion of the tract is sandy desert and the inhabitants of the interspersed villages have in the matter of roads great difficulty in procuring grain and in sending away their staple jaggery. By the construction of the proposed road and its

subsequent extension to Udangudi, a distance of 6 miles, the unions of Satankulam and Udangudi will be connected with the taluk head quarters at Srivaikuntham as also with Kulasegarapatnam, the second port in the district.

3. The length of the proposed road is 9 miles, 3 furlongs and 30 feet, of which a distance of 1780 feet has already been formed and requires widening and metalling. The estimate includes masonry works costing Rs 6092, and compensation for lands amounting to Rs 550 nearly.

4. It is feared that there is no immediate prospect of the road being undertaken but it is desirable that the estimate should be passed in order that the work being to hand if and when funds are available. It will be especially useful for the famine list.

5 A copy of the district Board's resolution on the subject as also the plans connected are enclosed.

I have the honor to be
Sir,
Your most obedient Servant

Vice President

1445/5

Local Fund Department.

SUPG: ENGINEERS OFFICE
No. 22 TW
6-APR. 92
P.W.D.
SIXTH CIRCLE.

1892

TINNEVELLY DISTRICT BOARD'S
OFFICE.

From
The President District Board
Tinnevelly.

To,
The Chief Secretary to
Government,
Fort St. George.
through the Superintending
Engineer, VIth circle

Dated 2nd April 1892
Received

No. 37

ENCLOSURE. 5 Sent separately

Subject.

Road from Nazareth to Satankulam. Submitting for sanction an estimate for the construction of — Tenkarai taluk.

P.W 4258/92

1445 W

No. 50 TW.

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE.

hinopoly, 17 April 1892.

D 20/-

From
Lt. A. C. Smith R.E.
The Superintending Engineer.
6TH CIRCLE.

1445/6

To
The Chief Engineer,
PUBLIC WORKS DEPARTMENT.

SIR,

ENCLOSURES. 5
1 Estimate with report & specification
1 Index map
2 Sheets of survey & longitudinal sections
1 Plan of masonry work

Sent for the Govt. separately

I have the honor to forward herewith letter No: 37 d/ 2 April 92 from the President of the District Board, Tinnevelly, addressed to the Chief Secretary to Government together with its accompaniments.

2. The estimate amounting to Rs 24,500 received with the above letter for Construction of Road from Nazareth to Sathankulam in the Tenkarai Taluq, Tinnevelly Dist: comprises the following items:—

Earthwork —	Rs 3117
Metalling, including spreading, watering and ramming	Rs 10,452
Gravelling do. do.	3,466
Compensation for land	549

Carried over

Forwards

1. Platform Bridge of 6 V[illegible]	16' × 6' each	Rs	
1 do of 6 [illegible]	6' × 4' each	Rs	
1 do. of 3 [illegible]	6 × 4 "		
1 Culvert of 1 Vault of [illegible]	3' ——		
1 do of 1 Vault [illegible]	3' ——		1
4 do of 1 Vault of 3 [illegible]	@ 145 Rs		5
4 do of 1 Vault of [illegible]	@ 135 Rs		5
7 Road drains of 90' @ [illegible]	each ——		9
5 do of 90' @ [illegible]	3 ——		3
1 do of 75'	— —		
4 do of 60 [illegible]	Rs each		3
5 do of 60' @ 20 Rs			2
Charges for fixing mile & [illegible] stones	——		7
General contingencies [illegible] petty	——		
Supervision	——		74
Total Rupees			2

3. The length of the [illegible] is 9 miles 3 furlongs and 30 feet [illegible] feet of the road has been [illegible] to a width of 9 feet w[illegible] to be widened by adding [illegible] layer of metal 1 1/2 feet broad [illegible] each side. The remaining port[illegible] the road will be formed, met[illegible] and bridged as per provision ma[illegible] the estimate. On the 9th mile the river [illegible] crosses the road wh[illegible] left unbridged for the p[illegible]

4. The top surface of the r[illegible] is to be 15 feet in width of which 12 feet are to be metalled, the side slopes 2 to 1. The metal [illegible] consist of 6 inches broken stone [illegible] 3 inches of gravel."

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 estimate has been approved of by the District Board in their Resolution No. 1 d/28 March /92

7. The rates entered are fair & the estimate is recommended for sanction. Perhaps the thickness of [illegible] might be reduced with advantage.

I have the honor to be
Sir,
Your most obedient Servant

A. Smith Lt. Col. R.E.
Supdg. Engineer
[illegible]

P. W. D. 6th CIRCLE.

From

The Superintending Engineer,
6th Circle.

To

THE CHIEF ENGINEER,
Public Works Department.

No. 50 T.N.

Dated 19/20 } April 1892
Received 21st

Enclosures. 5-13 (4 plans)

Submits for sanction
mate of Rs 24,500 for con-
structing a Road from
Nazareth to Sathankulam

P. W. Dep.

Note by the Chief Engineer P.W.D.

From the S.E. VI circle No: 50 T.N. d/19th April 1892

Submitted for the sanction of Govt. / CJ

2. It is a disadvantage to cover the road metal with a layer of gravel 3" thick. A depth of an inch or an inch and a half is quite sufficient to bind the broken stone.

23rd EW

Note by E. W.

It is a disadvantage to cover the road metal with a layer of gravel 3" thick — A depth of an inch or so will probably be quite sufficient to bind the broken stone. —

Sanction

[illegible]

28.4.92

Public Works Department.

Current No. 4258

Letter No. 50 T.N.

Dated 19' April 1892

From the Supdg Engineer VI Circle

1493

TECHNICAL NOTE.

Constructing a road from Nazareth to Sathankulam in Tinnevelly Dist. Amount of estimate Rs 24,500

The Supdg Engineer VI Circle submits for the sanction of Govt an estimate amounting to Rs 24,500 for Constructing a road from Nazareth to Sathankulam in the Tinnevelly District.

The amount of the estimate is made up as follows:-

Earthwork.	Rs	3,117
Metalling complete	"	10,452
Gravelling complete	"	3,466
Masonry works	"	6,092
Fixing mile & furlong stones.		77
Compensation for land	"	549
Contingencies & Supervision	"	747
Total	Rs	24,500

The top surface of the road is to be 15 feet wide with side slopes 2 to 1. The metal is to be laid to a width of 12 feet with 6" of stone metal and

The length of the proposed road is 9 miles, 3 furlongs & 30 feet. The first 1780 feet from Nazareth has already been formed & metalled to a width of 9 feet, this width of metalling is now proposed to be widened by adding 18 inches on each side & the remaining length will be formed, metalled and bridged over, except at the 8th mile 6th furlong where the river crosses the road which will be left unbridged for the present.

Provision is made for the following masonry works.

1	Platform bridge with 6 vents each 6'x6'	Rs 1,100
1	— do — do — 6'x4'	1,050
1	— do — 3 do — 6'x4'	510
2	Culverts of 1 Vent each 6'x3' —	410
8	— do — 1 — do — 3 x 1½ —	1,120
12	— Road dams 90 feet each	1,370
1	— do — 75 feet —	62
9	— do — 60 feet each	570
	Total Rs	6,092

No hydraulic details are furnished for the bridges.

The rates are fair. The cost per mile including masonry works will be Rs 2,612.

The S.E. considers that the thickness of gravel of 3" may be reduced with advantage. If the quantity be reduced to 1½" instead of 3" which ~~[illegible]~~ appears to be sufficient the saving will be Rs 1733.

The plans & estimates have been countersigned by the Vice President and approved by the District Board for execution when funds are available.

24.IV.92

3" is a great deal too much —

Vice President

No. 1443 W d/ 7 May 1892

PUBLIC WORKS DEPARTMENT.

Read Reg. Local W.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

1445/92

READ the following

From the S.E. VI circle No: 50 T.N d/ 19th April 1892

Note by the Chief Engineer P.W.D d/ 29th April 1892

The estimate, amounting to Rs. 24,500, for constructing a road from Nazareth to Satankulam in the Tinnevelly District, is sanctioned.

2. The attention of the District Board is drawn to the remarks of the Chief Engineer in his note recorded above.

3. This sanction has been registered as Local No: 8. W of 1892-93.

To
The S.E. VI circle

— Local and Mupl. Depth with 11 encls.

23/5

4 mail

C No. 4258

Govt. of (1882) Madras.
PUBLIC WORKS.

11/5/82

Dated

Recd.

Recd.

G.O. 9th May 1882 No. 1445.W

Road from Nazareth
to Satankulam

Estimate of Rs 24,500 for
constructing a ——— in
the Tinnevelly Dt., sanctioned
with remarks.

11

60/11

D/ 10/6

J.C. 10/5