

(1) பக்கங்களின் எண்ணிக்கை - 20 -

(2) புதுக்கித் திருப்பிய நாள் 1990

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

1990 துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	2115	அச்சகம் பலவகை
நாள் :	17.8.1993.	1993

1993

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From W. HUGHES, Esq., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 1st June 1893, No. 199 M.D.

I have the honour to submit, for the sanction of Government, a complete revised estimate, amounting to Rs. 53,200, received from the President of the District Board, Madura, with his letter No. 1226, dated 25th April 1893, for constructing a road from Aruppukottai to Virudupatti in the Madura district.

The first estimate, amounting to Rs. 14,950, was sanctioned in G.O., No. 2331 W., dated 29th August 1890, for forming a road of 18 feet in width at formation level with side slopes of the embankment 2 to 1 and sanding 6 inches of the surface of the road for a width of 9 feet in the centre, the soil over which the road runs being mostly black cotton. The second and third estimates, amounting to Rs. 2,540 and 2,855, for constructing seven masonry works and revetments were sanctioned by the District Board in their resolutions, Nos. 88 and 50, dated 8th August 1891 and 18th July 1892, respectively, being within their power of sanction, after the Superintending Engineer's approval.

2. The excess of Rs. 32,855 over the sanctioned estimates is in the items noted below :—

	rs.
(1) Earthwork including sectioning	4
(2) Sanding	1,363
Is due to the extra quantity of sand required for spreading the full width of the road instead of 9 feet provided in the first estimate.	
(3) Kunker including the spreading	4,496
Due to the substitution of kunker in places wherever found necessary for sanding provided in the first estimate.	
(4) Picking and sectioning the surface of the road	543
(5) Metalling	14,519
(6) Graveling	10,024
Due to no provision for items 4 to 6 in the first estimate but now found necessary.	
(7) Constructing culvert No. 5 of 2 vents of 4½ feet × 5 feet each at 4 miles 3 furlongs and 300 feet	680
(8) Constructing culvert No. 6 of 2 vents of 4 feet × 4½ feet each at 4 miles 4 furlongs and 300 feet	620
(9) Constructing culvert No. 7 of 2 vents of 4 feet × 4½ feet each at 5 miles 0 furlong and 300 feet	550
(10) Constructing culvert No. 8 of one vent of 4½ feet × 3½ feet at 5 miles and 5 furlongs	310
(11) Constructing culvert No. 9 of 3 vents of 5 feet × 6 feet each at 6 miles 1 furlong and 540 feet	1,037
(12) Constructing culvert No. 13 of 2 vents of 4½ feet × 4½ feet each at 8 miles 3 furlongs and 60 feet	530
(13) Constructing culvert No. 14 of 1 vent of 4½ feet × 5½ feet at 8 miles 7 furlongs and 250 feet	507
Due to no provisions for items 7 to 13 in the second and third estimates.	
(14) Contingencies	983
(15) Petty supervision	484
Due to inadequate provisions for items 14 and 15 in the sanctioned estimates.	
Total excess ...	32,855

17TH AUGUST 1893, No. 2115 W., PUBLIC WORKS.

Deduct saving —		RS.
Compensation provided in the first estimate for a portion of land adjoining the line of the road but now found unnecessary	...	3,693
Saving in the second estimate for masonry works	...	102
Total saving	...	3,795
Net excess	...	32,855

3. The length of the road is 11 miles and 5,148 feet. The top surface of the road is to be 18 feet wide, of which 12 feet are to be metalled with broken stone 6 inches thick and gravel 3 inches. On each side of the metalling there will be a band of gravel $1\frac{1}{2}$ feet wide and 3 inches thick. The side slope of the embankment is to be 2 to 1.

4. The streams crossing the road will be provided with culverts with the exception of two streams, marked A and C near Puliampatti and Palavanatham villages, and the streams marked B D in the survey. Masonry works are not required for these four streams for the reasons given by the District Board Engineer in his report.

5. The plans and estimate are said to have been approved by the District Board in their resolution No. 9, dated 17th April 1893, but they have not been countersigned by the President.

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

From W. HUGHES, Esq., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 28th July 1893, No. 385 M.D.

With reference to your No. 2633 C. of the 17th July 1893, I have the honour to re-submit the revised estimate of Rs. 53,200 for the road from Aruppukóttai to Virudupatti in Madura after getting it countersigned by the President, District Board. Copy of the Board's Proceedings sanctioning the estimate is also forwarded herewith.

ORDER—dated 17th August 1893, No. 2115 W., Public Works.

The revised estimate, amounting to Rs. 53,200, for constructing a road from Aruppukóttai to Virudupatti in the Madura district, is sanctioned in supersession of the estimate of Rs. 14,950 sanctioned in G.O., No. 2331 W., dated 29th August 1890.

2. This sanction has been registered as Local No. 23 W. of 1893-94.

(True Extract.)

To the Superintending Engineer, VI Circle.
Local and Municipal Department, with 12 enclosures.
Editors' Table.

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

Exd. A. D. Xavier,
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of {1893} Madras.
PUBLIC WORKS.

Dated August, 17th.

Recd.

Encl.

G.O., 17th Aug. 1893, No. 2115 W.

AUGUST.

Road

Revised estimate of Rs. 53,200 for constructing a — from Aruppukottai to Virudupatti in Madura district, sanctioned.

Proceedings of the District Board Madura,
passed at the monthly meeting held on
Monday the 17th April 1893

215

Present: —

M. R. R. S. Prinnas Chari A.B. Rao Bahadur
Secretary Dy. Colr. Vice President.

Members

Rev. C. Fletcher M.D.

Rev. A. D. Lumbick

G. S. Hickey Esquire

M. R. R. S. P. M. D. S. Ghidambaram Chettiar

— V. R. R. S. Ramanathan Chettiar A.B.

— S. Saktaram Naidoo Garoo

— M. S. Agirisami Naidoo Garoo

— N. Ramasami Nijangar A.B.

— L. Narasimachari A.B.

— P. Narayana Nijangar A.B.

Read letter from the District Board
Engineer, Madura. No. 1 submitted
for sanction plans and a complete
revised estimate for Rs. 53,200 for
constructing a road from
Aruppukottai to Virudupatti

Sanctioned

(See Extract)

A. R. Cunningham
For President

Q



Office of the Superintending Engineer,
1st Circle.

No. 199md

Trichinopoly. 1st June 1893.

From,

Mr. Hughes Begum
Superintending Engineer,
1st Circle.

To,

The Chief Engineer,
Public Works Department,
Madras.

Enclosure 512

- 1 Report
- 1 Estimate abstract
- 1 Detail Estimate for earth work.
- 1 do - for masonry.
- 1 do - for metalting.
- 1 Table of Calculation sheet
- 1 Plan
- 1 Quarry map
- 1 Section map
- 1 Plan of Road Survey
- 1 Sheet of masonry plan
- 1 Construction Statement

Sir,

I have the honor to submit for the sanction of Government a complete revised estimate amounting to Rs 53,200 received from the President of the District Board, Madras with his letter No. 1226 dated 25th April 1893 for constructing a road from Kruppakottai to Virudupathy in the Madras District.

1. The 1st estimate amounting to Rs 149,500 was sanctioned in Government Order No. 203 W- dated 29th August 1890 for forming a road of 18 feet in width at formation level with side slopes of the embankment 2 to 1 and seating 6 inches of the surface of the road for a width of 9 feet in the center.

PO S. 9
6723/93

En No. 134855 No. 305md
20-7-93.

to soil over which the road runs being mostly black cotton. The 2^d and 3^d estimates amounting to Rs 2540 and 2855 for constructing 7 masonry works & restraints were sanctioned by the District Board in their resolutions Nos 88 and 80 dated 8th August 1891 and 18th July 1892 respectively being within their powers of sanction, after the Superintending Engineer's approval.

2. The excess of Rs 32,855 over the sanctioned estimates is in the items noted below:-

(1) Earthwork including sectioning Excess Rs 1363.

(2) Sanding 1363.

Is due to the extra quantity of sand required for spreading the full width of the road instead of 9 feet provided in the 1st estimate.

(3) Munkers including the spreading ... 4496

Due to the substitution of Munkers in places wherever found necessary for sanding provided in the 1st estimate.

(4) Picking and sectioning the surface of the road 543

(5) Metalling 14,519

(6) Graveling 10,024

Due to no provision for items 4 to 6 in the 1st estimate but now found necessary.

Carried over 30,949

Brought forward. 30,949

(7) Constructing Culvert No 5 of 2 vents of $4\frac{1}{2}' \times 5'$ each at 4 miles, 2 furlongs and 180 feet 180.

(8) — do — do — No 6 of 2 vents of $4\frac{1}{2}' \times 4\frac{1}{2}'$ each at 4 miles, 4 furlongs and 300 feet 62

(9) — do — do — No 7 of 2 vents of $4\frac{1}{2}' \times 4\frac{1}{2}'$ each at 5 miles, 0 furlongs and 300 feet 550

(10) — do — do — No 8 of 1 vent of $4\frac{1}{2}' \times 3\frac{1}{2}'$ at 5 miles and 5 furlongs 310.

(11) — do — do — No 9 of 3 vents of $5' \times 6'$ each at 6 miles, 1 furlong and 540 feet 1,037.

(12) — do — do — No 13 of 2 vents of $4\frac{1}{2}' \times 4\frac{1}{2}'$ each at 8 miles, 3 furlongs and 60 feet 530.

(13) — do — do — No 14 of 1 vent of $4\frac{1}{2}' \times 5\frac{1}{2}'$ at 8 miles, 7 furlongs and 250 feet 507

Due to no provisions for items 7 to 13 in the 2^d and 3^d estimates.

(14) Contingencies 983

(15) Petty supervision 484

Due to inadequate provisions for items 14 & 15 in the sanctioned estimates.

Total Excess. 36,650.

Reduct saving:-

Compensation provided in the 1st estimate for a portion of land adjoining the line of the road but now found unnecessary.

unnecessary

3693

Caving in the 2^d estimate for me -

- Sundry works

102

Total Caving 3795

at 4 acres of Rupees - 32855.

3. The length of the road is 11 miles and 5128 feet. The top surface of the road is to be 18 feet wide, of which 12 feet are to be metalled with broken stone 6 inches thick and gravel 3 inches. On each side of the metalling there will be a band of gravel 1 1/2 feet wide and 3 inches thick. The side slope of the embankment is to be 2 to 1.

4. The streams crossing the road will be provided with culverts with the exception of two streams marked A and C near Puliamputti and Palawanatham villages and the streams marked B.D. in the survey. Masonry works are not required for these four streams for the reasons given by the District Road Engineer in his report.

5. The plans and Estimates are said to have been approved by the District Board in their resolution No 9 dated

17th April 1893, but they have not been countersigned by the President.

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

I have the honor to be
Sir,

Your most obedt. servt.

W. H. Hughes
Supt Engineer,
1st Circle.

P. W. DEPARTMENT No. 5162

No 19954 2/10.8.86
2331 2/27.8.70

From
The Supt Engineer
Madras.

The Chief Engineer
P.W.D.

No 199md

Dated 1st 2 June 1893.

Desp. 2 3 June 1893.

Recd. 5.6.93

En 12 (1 Section & plan,
2 books of plans)

Submits for sanction a
revised estimate Rs 53,200
for constructing a Road
from Aruppukottah to
Vendupatty in the Madras
District -

His
6.6.93

2/17/7

No. 305md

OFFICE OF THE SUPERINTENDING ENGINEER,

6TH CIRCLE.

Trichinopoly,

20 July 1893.

5-20/

From
Mr. Hughes, Esq.,
The Superintending Engineer,

6th CIRCLE.

To
The Chief Engineer,

PUBLIC WORKS DEPARTMENT.

SIR,

ENCLOSURES. 18

- 1 Report
- 1 Gnd. abstract of bills
- 1 Detailed bills for estimate
- 1 - do - for masonry
- 1 - do - for masonry
- 1 File of Calculation Sheet
- 1 Data
- 1 Quarry map
- 1 Road map
- 1 File of Road Survey
- 1 File containing 13 sheets
of masonry plans.
- 1 Comparative statement
- 1 Copy of Board's Proceedings.
- 12 sent separately.

With reference to your No 2633 C of
the 17th July 1893, I have the honor
to resubmit the revised estimate of
Rs 53,200 for the road from Aruppukottah
to Vendupatty in Madras, after getting
it countersigned by the President
District Board. Copy of the Board's
Proceedings sanctioning the estimate
is also forwarded herewith.

I have the honor to be

Sir,

Yours most obedt. servt.

W. Hughes

Super Engineer, 6th Circle.

ad

P. W. CURRENT No. 6723

P. W. D. 6TH CIRCLE.

no 2321W of 29.8.90
2633 C of 17.7.90

From
The Superintending Engineer,
6th Circle.

To
THE CHIEF ENGINEER,
PUBLIC WORKS DEPARTMENT.

No. 305m3

Dated 20th July 1893.
Received 1. VIII. 93

Enclosures. 13 (3 plans
+ 10 minute plans)

Road from Aruppukottah
to Vrindavathi:—

Resubmits for sanc-
tion the revised estimate
Rs 53200 for the — after
getting countersigned by
the President D. Board
Madras.

X

1. VIII. 93

21/8/93

Current 6723

note

21/5/93

The accompanying plans & estimate
amounting to Rs 53200 for
constructing a road from
Aruppukottah to Vrindavathi in the
Madras Dist. are resubmitted
by the Super Engineer VI Circle to
whom they were sent with
this office memo No. 2633C dated
17th July 1893 for obtaining the
counter-signature of the President
Dist. Board & for a copy of
the Dist. Board's resolution
passed on the estimate.

The estimate needs no fur-
ther scrutiny as they have
already been examined in
this office.

21/5W

5. VIII. 93.

PS

C

B. H. S. S. S.

PUBLIC WORKS DEPARTMENT.

17. August 1893

THE MADRAS GOVERNMENT.

21/5/93

Read the following

I Circle, No. 199 M. D. dated 1st June 1893
Do. — No. 385 M. D. dated 28th July 1893.

50

The revised estimate amounting to
Rs 53200 for constructing a road from
Aruppukottah to Vrindavathi in the
Madras District is sanctioned
in supersession of the estimate of
Rs 11,950 sanctioned in G. O. No. 2331 W
dated 29th August 1890.

2. This sanction has been registered
as local No. 23 W of 1893-94.

50/5
11.8.93

11/8/93

P. W. D. 6TH CIRCLE.

From
The Superintending Engineer,
6th Circle.

To
THE CHIEF ENGINEER,
PUBLIC WORKS DEPARTMENT.

No. 305 m 5

Dated 20 } July 1893.
Received — 1. VIII. 93

Enclosures. 13 (3 blank
+ 1 blank + 9 blank)

Road from Aruppukottah
to Vondupatti: —

Re-submits for sanc-
tion the revised estimate
Rs 53200 for the — after
getting countersigned by
the President D. Board
Madura.

1-VIII-93

No 2115 Waj 17. August 1893

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read, the following

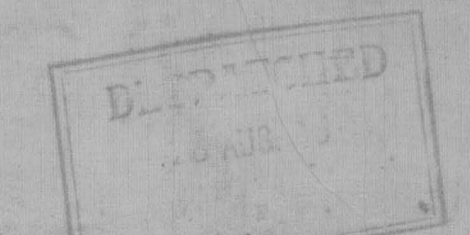
From the Superintending Engineer VI Circle, No: 199 m. D. dated 1st June 1893
— do — do — do — No: 385 m. D. dated 28th July 1893.

The revised estimate amounting to
Rs 53,200 for constructing a road from
Aruppukottah to Vondupatti in the
Madura District is sanctioned

in supersession of the estimate of
Rs 14,950 sanctioned in G. O. No: 2331 W
dated 29th August 1890.

2. This sanction has been registered
as local No: 23 W of 1893-94.

Note: It is proposed to place this in the
the Budgetary Table



To
The Suptg Engineer VI Circle
" Local & Municipal Dept
" with 12 enclos
" Editor's Table

H.M.

W

Copy a road from
Aruppukottai to Vindhy
in the Madurai District

Issue
all
15/8

X
to
the

2115
10

ord 207
H.M.

CD 6723

Gt. of 1189, Madras.
PUBLIC WORKS.

6/8/79

Date

Recd.

Recd.

G.O. 17 Aug 83, No 31511

road

≡

Revised estimate
of Rs 53,200 for constg
a — from Aruppu
Kottah to Vennadu
patti in Madurai
District sanctioned.

80 3
5

J.C. 16/4/11

518/8