

(1) Number of pages 1-14

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>1934</u> <u>446-447</u>	Press ~~Mis.~~
Dated <u>20-6-</u>	18 <u>66</u> .

Not to be folded or roughly handled

26

No. 446.

Read the following :—

No. 241.

Application from the Agent and Manager of the Madras Railway Company, requesting the sanction of Government to the following Estimate :—

NORTH-WEST LINE.

	RS.	A.	P.
District 11, Section 1, eleven miles masonry in bridges and culverts	1,52,174	15	7
Metalling of roads... ..	2,500	0	0
Earth-work in road approaches at stations, and in cuttings and embankments... ..	1,18,005	13	2
Pitching slopes	33,687	0	0
Fencing	10,890	0	0
Ballasting and Permanent Way	99,922	10	0
Miscellaneous—Bungalows, Gates, &c.	7,233	8	0
Maintenance of Way and Works for two years	33,000	0	0
Contingencies	45,741	1	3
	5,03,155	0	0

Five lacs three thousand one hundred and fifty-five.

1. In my report dated the 6th ultimo, No. 152, paragraphs 23, 24, and 25, I remarked upon District No. XI., North-West Line, and upon the Ghootty Station. In paragraph 25, I wrote as follows :—

“ District No. 11 extends from Gooty, westwards, to a short distance beyond Goondacul, following a small valley as far as that village, where it crosses the water shed between the Hugry and Pennaur rivers. The line has been marked out, but no work has yet been begun. The gradients are favorable; the steepest being 1 in 150, for a short distance, near Goondacul, where the line mounts the water-shed. Comparatively few masonry works will be required in this District, and the earth-work will not be heavy.”

2. On the section to which the estimate now submitted refers, it is proposed to have eighteen bridges and seven culverts. The two largest bridges consist, each, of four openings of sixty-four feet each opening. A section of the line, showing the water-way proposed, has been sent to the Superintending Engineer, 3rd Division, but no report has yet been received from him upon the subject. I do not, however, apprehend that more water-way than has been allowed will be required.

3. The average rise per mile of this section is about four feet.

4. The average quantity of earth-work is 57,214 cubic yards per mile, and of masonry 1,039 cubic yards per mile.

5. The Gooty Station is fixed at one mile ten chains of the section, as stated in paragraph 24 of my report, dated the 6th April last, No. 152, the site is about two miles to the north of the town, and although well adapted for a station, it would be necessary, if the station be made defensible, that another site should be chosen at a greater distance from the town. In a subsequent Report dated the 19th ultimo, No. 222, paragraph 12, I gave my opinion as to the advisability of chang-

*Proceedings of the Madras Government, Public Works Department,
20th June 1866.*

ing the site of the station, and of adopting some inexpensive means of defence. Upon this report I have not yet been favored with the orders of Government.

6. The average outlay per mile, exclusive of station buildings, permanent way materials, telegraph and superintendence, is Rupees 45,741. It is Rs. 3,325 less per mile than the adjoining section of District No. 10, the estimate for which was sanctioned in G. O. No. 1,626, dated the 22nd instant. The reduction is to be ascribed to the rates for earth-work and masonry being Annas 3 and Rupees 8 per cubic yard respectively, against Annas 3 and 4 and Rupees 8-8, entered in the estimate for District 10, Section 2.

7. I recommend for sanction the proposed estimated outlay of Rs. 5,03,155.

(Signed) J. H. M. SHAW STEWART, Major, R. E.,

Acting Consig. Engr. for Railways.

MADRAS,
31st May 1866.

No. 447. ORDER THEREON, 20th June 1866, No. 1,934.

RAILWAY, No. 36.

1. On the recommendation of the Acting Consulting Engineer, the Right Honorable the Governor in Council sanc-

tions the estimates, amounting to Rupees 5,03,155, for District XI., Section I. of the North-West Line of the Madras Railway.

2. With respect to the Gooty Station, which is referred to in paragraph 5, the attention of the Acting Consulting Engineer will be drawn to the orders contained in the Proceedings of Government of the 20th instant, No. 1,932.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,

Secretary to Government.

To the Acting Consulting Engineer for Railways, with three Plans and one Estimate.

Exd. S. T. Augustin.

is 57,214 Cubic yards per mile, and of masonry 10,89 Cubic yards per mile.

5. The Gooty station is fixed at 1 mile 10 chains of the section, as stated in paragraph 24 of my report dated the 6th April last, No. 152, the site is about two miles to the north of the town, and although well adapted for a station, it would be necessary, if the station be made defensible, that another site should be chosen at a greater distance from the town. In a subsequent Report dated the 19th ultimo, No. 222, paragraph 12, I gave my opinion as to the advisability of changing the site of the station, and of adopting some inexpensive means of defence. Upon this report I have not yet been favored with the orders of Government.

6. The average outlay per mile, exclusive of station Buildings, Permanent way materials, Telegraph and superintendence, is Rs. 45,741. It is Rs. 3,325 less per mile, than the adjoining section of District No. 10, the estimate for which was sanctioned in G. O.

No. 1626 dated the 22nd Instant.
 The reduction is to be ascribed to
 the rates for Earthwork and Masonry
 being Rs. 3 & Rs. 8 per Cubic yard
 respectively, against Rs. 3 & 4 and
 Rs. 8-8, entered in the Estimate for
 District 10 Section 2.

I recommend for sanction
 the proposed Estimated outlay of
 Rs. 503,155.

Major P. E.

Acting Consulting Engineer
 for Railways.

To
 The Secretary to Government
 Public Works Dept.
 Fort Saint George.

No.

Madras, 9th May/66.

Application from the Agent and Manager of the Madras Railway Company, re-
 questing the sanction of Government to the following Estimate.

North West Line.
 District 11. Section 1. Eleven miles.
 Masonry in Bridges and Culverts Rs. 152,174-15-7.
 Metalling of Roads _____ 2500. " "
 Earthwork in road approaches at
 stations, and in cuttings and
 Embankments _____ 1,18,005-13-2
 Pitching slopes _____ 38,687. " "
 Fencing _____ 10,890. " "
 Ballasting and Permanent way _____ 99,922-10. "
 Miscellaneous, Bungalows, Gates &c. 7,233. 8. "
 Maintenance of way & works for
 two years _____ 33,000. " "
 Contingencies _____ 45,741-1-3

Rupees - 5,03,155. " "

Five Lacs, three thousand, one hundred
 and fifty five.

1. In my Report dated the 6th
 ultimo, No. 152, paras 23, 24, & 25, I remarked:
 "id upon District No. 11 North West Line
 and upon the Ghooty station. In para-
 graph 25. I wrote as follows:

"District No. 11 extends from Ghooty
 westwards

westwards, to a short distance beyond
Goundacul, following a small valley
as far as that village, where it crosses
the water shed between the Kappu and
Pennaur rivers. The line has been marked
out, but no work has yet been begun.
The gradients are favorable; the steepest
being 1 in 150, for a short distance, near
Goundacul, where the line mounts the
watershed. Comparatively few masonry
works will be required in this District,
and the Earthwork will not be heavy."

2. On the section to which the
estimate now submitted refers, it is pro-
posed to have 18 bridges and 7 Culverts.
The two largest Bridges consist, each, of
four openings of sixty-four feet each
opening. A section of the line, showing
the water-way proposed, has been sent
to the Superintending Engineer F. A. D. G.,
but no report has yet been received
from him upon the subject. I do not,
however, apprehend that more waterway
than has been allowed will be required.

3. The average rise per mile of this
section is about 4 feet.

4. The average quantity of Earthwork
is

Public Works Department.

1934

PROCEEDINGS of the MADRAS GOVERNMENT

Under date the 20th June 1866
Read the following

From
The Acting Consulting Engineer
for Railways

(Here enter No. 241 dated 31st May 1866)

On the recommendation
of the Acting Consulting Engineer, the Right
Honorable the Governor
in Council sanctions the
estimates amounting to Rs.
50,515 for District XI
Section I of the North
West Line of the Madras
Railway.

With respect to
the Gooty Station, which
is referred to in para
5, the attention of the
acting Consulting Engineer
is directed.

J W 1000 Dept
(1) 2292
Press No. 3850, G. M.-27.2.66-100.
20 of June 1866.

RAILWAY DEPARTMENT.

From Acting
The Consgr. Engineer for Railways.

To
The Secretary to Government,
P. W. Dept.

Dated 31st May 1866.
Received 1st June 1866.

No. 241-

Enclosures, No.
Estimate 1
Plans - 2.

Application from
the Agent for the use of
the R. Comp^y, requesting
the sanction of Govt., to
the estimate of Rs. 11
Section I, amounting to
Rs. 50,515-11-11-
1934-20 June 1866

21st June 1866. P. W. Dept.

Engineer will be drawn
to the orders contained
in the Proceedings of
Government of the 20th June
No. 1932

P. W. 1866. Department.
Opp. of Govt for June
No. 1931.

PROCEEDINGS OF GOVERNMENT of Madras

Dated 20th June 1866

W.B.

To
The Secy. Engrs for Railways
with three plans
and one estimate

Estimates amounting
to Rs. 5,08,155 for works in
District Section I of the North
West Line of the Madras
Railway, sanctioned.

Recd 21st June

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