

(1) Number of pages.....

(2) Date of repair.....

(3) Initials of the Referencer.....

MADRAS RECORD OFFICE.

Government of Madras.

P W

DEPARTMENT.

G.O. No. 3499.

Press
Mis.

141-142.

Dated 10 - 11 - 18 68.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
10th November 1868.*

No. 141.

Read the following :—

No. 397.

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

NORTH-WEST LINE.

<i>District XV.</i>		RS.	A.	P.
Bridges and masonry	...	1,50,963	5	2
Metalling of roads	...	2,500	0	0
Earthwork in road approaches	...	2,500	0	0
Earthwork in cuttings and embankments	...	83,444	7	2
Extra earthwork at stations, &c.	...	6,000	0	0
Covering slopes of banks and cutting, &c.	...	12,177	0	0
Pitching slopes	...	28,864	0	0
Fencing	...	49,425	0	0
Ballasting	...	29,350	0	0
Permanent-way	...	3,81,648	13	0
Gates	...	3,750	0	0
Miscellaneous	...	8,769	0	0
Mile Stones	...	60	0	0
Gradient Posts	...	147	0	0
Maintenance of way and works	...	50,000	0	0
Contingencies	...	78,959	7	8
Total	...	8,68,558	0	0

Eight lacs sixty-eight thousand five hundred and fifty-eight.

1. The district is ten miles in length, it extends from 242 miles, 8 chains, 72½ links north of Arcanum, to 252 miles, 8 chains, 72½ links.
2. The ground is undulating, and the gradients range from 1 in 151 to 1 in 341. The difference of level between two ends of the district is 9·32 feet.
3. There will be seventeen wrought-iron girder bridges on this district, the largest of them consisting of three thirty feet openings at fifty-two chains over the Hindri river.
4. The average quantity per mile of earthwork is 36,778 cubic yards, and of masonry 929 cubic yards.
5. The execution of the work on this district has been entrusted to Mr. E. W. Barnett on contract, at the rates specified in the Schedule embodied in G. O., No. 3,674, dated the 17th November 1866.
6. According to the estimate, the average outlay per mile, including permanent-way materials, will be Rupees 86,856.
7. The Superintending Engineer of the 3rd Division certifies that sufficient waterway has been allowed.

of Arcanum to 252 miles 8 chains 72½ links.

*Proceedings of the Madras Government, Public Works Department,
10th November 1868.*

8. I recommend that sanction be granted for the proposed outlay of Rupees 8,68,558.

(Signed) H. N. D. PRENDERGAST, Lieut.-Col., V.C., R.E.
Ag. Consulting Engineer for Railways.
MADRAS,
31st October 1868.

No. 142. ORDER THEREON, 10th November 1868, No. 3,499.

RAILWAY, No. 12. The Government sanction the estimates amounting in the aggregate to Rupees 8,68,558 for District XV of the North-West Line of the Madras Railway.
(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Railways.

Exd. S. T. Augustin.

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No. 397. Madras, 21st October 1868.

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

*North West Line
(District XV)*

	Rs	As	P
Bridges and masonry	15,963	5	2
Metalling of roads	2,500	"	"
Earthwork in road approaches	2,500	"	"
Earthwork in cuttings and embankments	83,444	7	2
Extra earthwork at stations &c	6,000	"	"
Covering slopes of banks and cutting &c	12,177	"	"
Pitching slopes	28,864	"	"
Drainage	47,425	"	"
Ballasting	29,250	"	"
Permanent way	381,648	12	"
Gates	3,750	"	"
Miscellaneous	8,769	"	"
Stake stones	60	"	"
Gradient posts	147	"	"
Maintenance of way and works	20,000	"	"
Contingencies	78,957	7	8
	8,68,558	"	"

eight lacs sixty-eight thousand five hundred and fifty-eight.

1. The District is ten miles in length it extends from 242 miles 8 chains 72 1/2 links north of Arcacum to 252 miles 8 chains 72 1/2 links.

2. The ground is undulating and the gradients range from 1 in 161 to 1 in 341. The difference of levels between two ends of the district is 7.22 feet.

3. There will be seventeen wrought iron girder bridges on this district, the largest of them consisting of three 30 feet openings at 52 chains over the Windri river.

4. The average quantity per mile of earthwork is 36,778 cubic yards and of masonry 829 cubic yards.

5. The execution of the work on this district has been entrusted to Mr. E. W. Barnatt on contract at the rates specified in the schedule embodied in G.O. No 3674 dated the 17th November 1866.

6. According to the estimate the average outlay per mile including permanent way materials will be Rupees 86,856.

7. The Superintending Engineer of the 3rd Division certifies that sufficient waterway has been allowed.

8. I recommend that sanction be granted for the proposed outlay of Rupees 8,68,558.

W D Pringle - Lieut Col C.V.C.R.E.

Acting Comd: Engrs for Ry

To The Secretary to Government
Public Works Department
Port Saint George

Public Works Department

2. The ground is undulating and the gradients
range from 1 in 161 to 1 in 341. The difference

1868. Sept.
Pro. of Govt for No. 2.
RAILWAY DEPARTMENT.

From

No 4255

The Cons. Engineer for Railways,

To

The Secretary to Government,
P. W. Dept.

Dated 24th October 1868.
Received 2nd Nov.

No. 347.

Enclosures, No.
Estimate 1
Plan - 1/2

Application
from the Agent and
Manager of the M. P. Co. for
requesting the sanction
of Govt. to the estimate
of Rs. XV North West
line.

No 141

No 3499-10th Nov. 1868

To The Secretary
Public Works Department.
Post Paid George.

Public Works Department
No 3499
Proceedings of the Madras Government
Held on the 10th November 1868.
Read the following

From The Consulting Engineer for
Railways. J. H. C. Esq. 29th 31st October/68

The Government
sanction the estimates
amounting in the
aggregate to Rs. 8,68,558
for District XV of the
North West Line of
the Madras Railway.

To The Engineer for
Railways - with plan & estimate
Recd 11/11/68

Co 4255

Govt. of 1868 Madras.

PUBLIC WORKS.

To *Public Works Department*
for Railway

Dated

11.

Recd.

Encl.

G. O. 10th Jan 1868, No. 499

Nos. 111-112

Public Works (Railway) Estimates
amounting in the aggregate to Rs.
86,558 for works in district XL
of the N. W. & C. Line of the Madras
Railway, sanctioned.