

(1) Number of pages 14(2) Date of repair 22-12-1868

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3989

Press
Mis.

514-15

Dated 22-12-

1868.

Not to be folded or roughly handled

No. 504.

Read the following :—

No. 425.

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

NORTH-WEST LINE.

Revised Estimate of the cost of four 64-feet openings with wrought-iron girders at 14 miles 13 chains, District X, Section II, as per Plan No. 109	rs. 77,434
Do. of alteration of water-way in District X, Section II, at 14 miles 53 chains and 20 miles 31 chains, as per Plan No. 240... .. .	43,834
Do. do. in District XII, Section I, at 7 miles 65 chains, and 7 miles 73 chains	29,598
Total	1,50,866

1. The Chief Engineer in his communication to the Agent and Manager remarks as follows with reference to the necessity for the above works :—

“*Strengthening four 64-feet Girders.*—The drawings and estimate will show clearly the nature of the additional protective works; the late floods have shown the necessity for their execution.

* “Of the thirty-five girders, four are required for bridge at 14 miles 53 chains on District X, Section II, which it has been found necessary to alter from two 30-feet arch to a double 30-feet girder opening, four others are required for bridge at 20 miles 31 chains on the same district, which is being altered from a double 30-feet arch. These bridges have been altered from the original designs, owing to the late rains having shown the insufficiency of the water-way proposed in them.”

“*Alteration of Bridges, District X, Section II.*—I have considered it advisable that the bridges at 14 miles 53 chains and 20 miles 31 chains should be altered from double 30-feet arches to double 30-feet girder openings, this matter has been referred to in my letter to you No. 390,* dated 8th October, paragraph 6.

“*Alteration of Bridges, District XII, Section II.*—A heavy flood that lately visited the 8th mile of District XII indicated the necessity for the proposed increased water-way to the bridges referred to at 7 miles 65 chains, the water arose to the spring level of the arches originally intended, and at 7 miles 73 chains it rose to a height of 2 feet 9 inches above the spring level.

“See my No. 390,† dated 8th October, paragraph 7.”

*Proceedings of the Madras Government, Public Works Department,
22nd December 1868.*

<i>District X, Section II.</i>			
Sanctioned in Consulting Engineer's letter, No. 275, dated 20th November 1867...	Rs.	A.	P.
Do. G. O., No. 1,626, dated 22nd May 1866	35,517	8	0
Do. do.	13,166	4	0
Do. do.	8,321	12	0
<i>District XII, Section I.</i>			
Do. G. O., No. 3,529, dated 6th November 1866	8,993	0	0
Do. do.	3,532	0	0

3. I have, during the past month, inspected the works in this line, and as I concur in the reasons assigned for modifying the original designs, I request that the sanction of Government be accorded to the proposed outlay. This will cancel original estimates marginally noted.

(Signed) J. G. LINDSAY, Captain, R. E.,
Acting Deputy Consulting Engineer for Railways.

MADRAS,
23rd November 1868.

No. 505. ORDER THEREON, 22nd December 1868, No. 3,489.

RAILWAY, No. 48.

<i>District No. X, Section II.</i>			
Iron girder Bridge at 14 miles 13 chains	Rs.	A.	P.
Alteration of water-way at 14 miles 53 chains and 20 miles 50 chains	77,434		
<i>District XII, Section I.</i>			
Alteration of water-way at 7 miles 65 chains and 7 miles 73 chains	43,834		
	29,538		

No. 1,626, 22nd May 1866.
" 3,529, 6th November 1866

1. Under the circumstances explained by the Consulting Engineer for Railways, the Government sanction the revised estimates which are submitted with the foregoing application for works in Districts Nos. X and XII of the North West Line of the Madras Railway.

2. The provision made for the works in question in the estimates sanctioned by Government in the Proceedings marginally noted, will be considered as cancelled.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Railways.

Proceed

D
Sanctioned in
neer's letter
20th Novem
Do. G. O., 1
22nd May 1
Do. d
Do. Di
Do. G. O.
6th Novemb
Do.

MADE
23rd Novemb

No. 505.

RAIL

Dist
Iron girder B
chains
Alteration of
chains and
Di
Alteration of
chains and

No.
"

To the Consul

ltd. S. T. Al

Govt. of Madras.

PUBLIC WORKS

To

THE CONSULTING ENGINEER FOR

RAILWAYS

Dated December, 1881

Recd

Recd

G. O. No. 504-505

DECEMBER

No. 504-505

Works (Railway).—Revised estimates, amounting to Rupees 1,50,800, for works in Districts Nos. X and XII of the North-West Line of the Madras Railway, sanctioned with remarks.

No. 425- Madras, 28th November 1881.

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

North West Line

Revised estimate of the cost of four 64 feet openings with wrought iron girders at 14 miles 18 chains District X Section II as per plan N^o 109

100.

77,434

of alteration of waterway in District X Section II at 14 miles 53 chains and 20 miles 31 chains as per plan N^o 240.

43,880

of in District XII Section I at 7 miles 15 chains and 7 miles 73 chains.

Total — 1,50,800

The Chief Engineer in his communication to the Agent and Manager remarks as follows with reference to the need for the above works.

"Strengthening 44-64 feet girders.

"drawings and estimate will show clearly the nature of the additional protective works. The late floods have shown the necessity for execution.

"Alteration of bridges District X Section

I have considered it advisable that the bridges at 14.30, and 20.31 should be altered from double thirty feet arches to double thirty feet girder openings. This matter has been referred to in my letter to you N° 890 dated 8th October 1890.

Alteration of bridges District XII Section II
 A heavy flood that lately visited the 8th of District XII in the necessity of the waterway proposed for the proposed

increased waterway to the bridges referred to at 7.55 the water rose to the spring level of the arches originally intended and at 7.73 it rose to a height of 2.9" above the spring level see my N° 890 dated 8th October 1890.

I have during the past month inspected the works on the

of the original design proposed for bridge at 14.30 and 20.31 on Dist. XII which it has been found necessary to alter from 20' each to a double arch opening, 4 others are required for bridge at 20.31 and 20.32 which in the same District 20' each is being altered from a double to a single 30' each. These bridges have been altered from the original design owing to the late rains having demonstrated the insufficiency of the waterway proposed in them.

10.30 Bridges are required for alteration of bridges at 7.55 to 30' chains and 7.55 to 30' chains on Dist. XII and 1.10 the piers from 30' thirty feet arches to a high 30' thirty feet girder openings and the latter from a single thirty feet arch to a double thirty feet girder openings. These alterations like the preceding

have been decided upon after the original design of the bridge was referred to the committee.

line and as I concur in the reasons assigned for modifying the original designs I request that the sanction of Government be accorded to the proposed outlay. This will cancel original estimate marginally noted.

Letter to Secy. of Public Works dated 12th 1891
 12578 of 1891
 12579 of 1891
 12580 of 1891
 12581 of 1891
 12582 of 1891
 12583 of 1891
 12584 of 1891
 12585 of 1891
 12586 of 1891
 12587 of 1891
 12588 of 1891
 12589 of 1891
 12590 of 1891
 12591 of 1891
 12592 of 1891
 12593 of 1891
 12594 of 1891
 12595 of 1891
 12596 of 1891
 12597 of 1891
 12598 of 1891
 12599 of 1891
 12600 of 1891

S

J. W. Lindsay Captain

Asst. Dy. Commr. Engrs. for Railways

The Secretary to Government
 Public Works Department
 Port Louis George

1868. 22nd Decr
Prof of Govt for Railways
 RAILWAY DEPARTMENT.

From *M. 4599*
 The Consgr, Engineer for Railways,
 To
 The Secretary to Government,
 P. W. Dept.

Dated 22nd November 1868.
 Received 28th " "

No. 425

Enclosures, No.

Plans - 2

Estimates - 2

Application from
 the Agent & Manager of
 the M. R. Consgr, request-
 ing the sanction of Govt
 to the Estimates on
 Pt. X Sec: 2 North
 West line.

No 3989-22nd Decr

Public Works Department

Proceedings of the Madras Government

Under date the 22nd Decr 68

No 3989 Read the following

From The Consulting Eng^r for Railways / M. E. No. 1125 dated 23rd Nov 68

Districts VI & VII -
 Iron bridge at 14 miles 13 chains - # 77,434
 Alteration of station - 14 " - 53 " - # 43,834
 and 20 miles - 30 chains - # 29,594
Districts XII & XIII -
 Alteration of station at 7 miles 15 chains - # 29,594
 and 7 miles - 73 chains - # 29,594

Under the cir-
 cumstances explained
 the Consulting En-
 g^r for Railways
 the Government re-
 the revised estimates
 are submitted with
 foregoing applica-
 tions in Districts
 VI and VII of the
 North Line of the Madras
 Railway.
 2. The provision
 made for the works
 in question in the Es-
 timates sanctioned by

by Government in
the Proceedings may:

qually noted will be
ied as cancelled.

181026. 22nd May/66.
3529. 6 Nov.

W.B.

To

16 The London & for
Railway
26 The London & for
26 The London & for
26 The London & for

for Railways

Dated

Recd.

G. O. 22^d Decr 1868, No 3989

Nos 515-518

Wals (Railway) ^{proved} _{estimated}
amounting to Rs 150,886 for
works in St. No. I & II of the
North-West Line of the Madras
Railway, sanctioned with
remarks.