

(1) Number of pages _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	1167	Press
B.P. No.		Mis.
Dated	27-4-	195

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*Proceedings of the Madras Government, Public Works Department,
27th April 1875.*

No. 640. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 17th April 1875, No. 224 :—

ADVERTING to the Proceedings of Government, No. 310, dated 4th February last,

* Indian..	..	..	..	Rupees 5,278
English.	..	..	..	1,085
				6,363

I have the honor to submit, for the sanction of Government, plan No. 155 together with an estimate, amounting to Rupees 6,363,* of the cost of a single 20 feet opening with wrought iron girders which it is proposed

to construct at 173/1 miles, North-West Line of the Madras Railway, in the place of the single 6 feet arched irrigation culvert which was washed away by the floods of October last.

2. As it is of great importance that the works should be proceeded with at once, I have authorized its commencement in anticipation of sanction.

3. Funds to the extent of Rupees 3,813, chargeable to Capital, are available from Schedule B., Budget Estimate 1875-76, and Rupees 2,550 from Schedule G. The sanction will lapse at the end of the eighth quarter after its receipt.

No. 641. ORDER THEREON, 27th April 1875, No. 1,167.

RAILWAY, No. 81.

THE authorization given by the Consulting Engineer is confirmed, and the estimate amounting to Rupees 6,363 sanctioned.

Of this sum Rupees 2,550 are chargeable to Revenue, and Rupees 3,813 to Capital.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Consulting Engineer for Railways.
" Examiner of Railway Accounts.

Exd. S. T. Austin.
Spare Copies

Railway Department.

CONSULTING ENGINEER'S OFFICE.

No. 224

From

LIEUT. COLONEL J. H. M. SHAW STEWART, R.E.,

Consulting Engineer for Railways,

To

COLONEL G. W. WALKER, R.E.,

Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

Indian No. 5278
English. 1085
6363

Adverting to the Proceedings of Government, No. 310, dated 4th February last, I have the honour to submit for the sanction of Government Plan No. 155 together with an estimate, amounting to Rs 6363, of the cost of a single 20 feet opening with wrought iron girders which it is proposed to construct at 17 3/4 miles North-west line of the Madras Railway, in the place of the single 6 feet arched irrigation culvert which was washed away by the floods of October.

October last.

2. As it is of great importance that the work should be proceeded with at once, I have authorised its commencement in anticipation of sanction.

3. Funds to the extent of Rs 3,813 chargeable to Capital are available from Schedule B Budget Estimate 1875-76 and Rs 2,550 from Schedule G. The sanction will lapse at the end of the eighth quarter after its receipt.

I have the honour to be,
Sir,

Your Most Obedt Servant,

Madras
17 April 1875
W. A. C. S. for Cons Engrs for Railway
R. B. S.

Mr. 1845 Sept.
No 2545

RAILWAY DEPARTMENT.

From
The Consulting Engineer,
for Railways,

To
The Secretary to Government,
P. W. Department,
Fort Saint George.

Dated 17th April 1875

Recd. 19th April 1875

No. 224

60 12 Mar / 75 No 312-313
" 11 Feb / " " 97
" 11 Dec / " " 95-96

Submitting for the
sanction of the plan
and estimate of the cost
of a single 20 feet span
at 12th mile from the
of the Madras Railway
S.O. No. 1167.27-4-75

126140

1020-4-75

MADRAS RAILWAY.

North West Line.

Estimate of the cost of Diversion of Line at Site near Bridge
at 1 1/3 Miles S. of Post.
as per Plan No. 155.

DESCRIPTION.	Quantity.	Rate.	To be expended Departmentally.	To be drawn from Stores.	Total.
Earthwork in forming Diversion. <i>fyds.</i>	940	7 3/4	176 4		
Ballasting	882	7 8/10	441		
Laying of rails. <i>Lin. Yds.</i>	330	7 8/10	165		
Laying Points and crossings. <i>N.</i>	2	10 1/2	20		
Contingencies			80 12		
		<i>Rupies</i>	883		

Rupies Eight hundred, and eighty three.

Chief Engineer's Office
13th March 1875

W. G. L. ...
Agent - & Manager

Actg. Chief Engineer

MADRAS RAILWAY.

ENGINEERING DEPARTMENT.

Capital Proportion in Schedule B.

Revenue do do G. Works not specially provided for 1875/76

Estimate.

Required for the Madras Railway in the

North West Line

This sanction will represent the end of the eighth quarter of the proceeds of land in this office.

DESCRIPTION.	To be expended Departmentally.	To be drawn from Stores.	Total.
Capital			
III Construction of Line			
2. Bridge work.			
1 Minor Bridges	2728	1085	3813
Revenue			
3 rd Repairs of Bridges			
(2) Miscellaneous including Earth work, roads, fencing	2550		2550
Single 20 feet Opening with W.I. Girders proposed to be constructed at 173 Miles. 1 st Sect. N.W. Line as per annexed Estimate			
Schedule B.			
Unforeseen Requirements 1875/76.			
Budgetary allotment Rs. 20000			
Total amount charged at this Head 3760:2:3.			
Balance available Rs. 839:12:9.			
TOTAL...	5278	1085	6363

Submitted for approval, and Sanction to the Government of

Agent and Manager, Railway.

Schedule G.

Works not specially provided for 1875/76.

Budgetary allotment Rs. 20000

Proposed expenditure 2650:0:0

Balance available 17450:0:0

CHIEF ENGINEER'S OFFICE,

3rd March 1875.

Actg. Chief Engineer, Railway.

Consulting Engineer to Government.

Secretary to Government.

MADRAS RAILWAY.

North West Line.

Estimate of the cost of *Single 30 feet Opening with Wrought Iron Guides* proposed to be constructed at *14.3 Miles S.W. Post* as per Plan No. 155.

DESCRIPTION.	Quantity.	Rate.	To be expended Departmentally.	To be drawn from Stores.	Total.
Excavation of foundation <i>fyds.</i>	360	78/-	180 ..		
Well sinking 6 feet dia. <i>lyft.</i>	126	12 1/2/-	1512 ..		
— 1 1/2 feet dia. — <i>—</i>	72	8 1/2/-	576 ..		
Masonry <i>fyds.</i>	186	8 1/2/-	1488 ..		
Teak timber in sleepers <i>lyft.</i>	48	3 3/8/-	168 ..		
Planking 2" thick for gangway <i>lyft.</i>	36	7 10/-	228 ..		
Wrought Iron in guides <i>—</i>	15	70/-	1050 ..	7 1/2 ..	
Painting ironwork (two coats) <i>fyds.</i>	4	2 1/2/-	4 ..	1 ..	
Tanning timber work <i>—</i>	4	7 1/4/-	8 ..	8 ..	
Laying of rails over Bridge <i>L. yds.</i>	10	7 8/-	5 ..		
Loading and unloading charges			3 12 ..		
Contingencies			399 8 ..	98 12 ..	
			<i>R.</i> 4395 ..	1085 ..	5480 ..
Cost of diversion of Line as per annexed estimate			883 ..	..	883 ..
			<i>Rupies</i> 5278 ..	1085 ..	6363 ..

Rupies Six thousand, three hundred and sixty three

Chief Engineer's Office
3rd March 1875

Agent & Manager

This sanction will lapse at the end of the eighth year, after the date of sanction in the Office.

Pr. 2545
8/55

DESCRIPTION.	Quantity.	Rate.	To be expended Departmentally.	To be drawn from Stores.	Total
<i>Allocation</i>					
Probable cost of single 6 feet bridge at Mys. Dist. Dist. Post					
Excavation	11/2	7/10	524 8..		
Masonry	208	11/10	1456 ..		
Contingencies			151 8..		
			1662 ..		
Cost of proposed diversion of Line as per assumed estimate			883 ..		
Cost of laying rails over new Bridge as per foregoing estimate			5 ..		
Chargeable to Revenue	Rs.		2550 ..		2550 ..
Total amount of foregoing estimate			5278 ..	1085 ..	6363 ..
Chargeable to Capital	Rs.		2728 ..	1085 ..	3813 ..

Mr 2545/55
2/55

P.W. D 130
Proc. of the Madras Government.
Read the following.

From the Engineer P.W. (H.E. No 224 of 17 April 1875)
G.O. No: 1167 of 27 April 1875-

The authorization
given by the Consulting
Engineer is confirmed, and
the estimate amounting
to Rs. 6363 sanctioned.
Of this sum Rs. 2550 are
chargeable to Revenue, and
Rs. 3813 to Capital.

GMW

Engineer P.W. ✓
Secy. P.W. Auth. ✓
Dated - 4 - 5 - 75

MADRAS RAILWAY.

ENGINEERING DEPARTMENT.

Capital Proportion in Schedule B.
 Revenue do do G. Works not specially provided for 1875-76. Estimate.

This sanction will lapse at the end of the next quarter if no receipt of sanction is received in this office.

Required for the Madras Railway in the North West Line

DESCRIPTION.	To be expended Departmentally.	To be drawn from Stores.	Total.
Capital			
III Construction of Line			
2. Bridge work.			
1 Minor Bridges	2728	1085	3813
Revenue			
3 rd Repairs of Bridges			
(2) Miscellaneous including Earth work, roads, fencing &c.	2550		2550
Single 20 feet Opening with W.I. Girders proposed to be constructed at 173 Mils. 1 st Sect. Post. N.W. Line as per annexed Estimate.			
Schedule B.			
Unforeseen Requirements 1875-76.			
Budgetary amount set aside.			
Total amount charged at this Head.	5278	1085	6363
Budgetary available 1889-90.			

Submitted for approval, and sanction to the Government of

W. N. Lowe
 Agent and Manager, Railway.

H. P. S.
 Actg. Chief Engineer, Railway.

Schedule G.
 Works not specially provided for 1875-76.
 Budgetary amount Rs 20,000.
 Proposed expenditure - 2550:0:0
 Balance available - 17450:0:0

CHIEF ENGINEER'S OFFICE,
 3rd March 1875.

Consulting Engineer to Government.

Secretary to Government.

2545

Govt. of 1875 Madras.

PUBLIC WORKS.

20
C. S. S. S. S.
Railways.

Dated

Recd.

Rev.

G. O. 27th April 1875. No. 1167

No. 640 6401

North West Line. Madras
Railway. Sanctioning the
estimate for a single 20 ft.
girder opening and
confirming the Chief
Engineers authorization
of the immediate completion
of the work.