

*Proceedings of the Madras Government, Public Works Department,
10th July 1875.*

No. 299. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Lieutenant-Colonel J. MULLINS, R.E., Officiating Secretary to Government, Public Works Department, dated Madras, 24th June 1875, No. 362 :—

I HAVE the honor to submit, for the sanction of Government, a schedule of the works proposed to be undertaken on the Madras Railway from Capital and Revenue Funds during the half-year ending the 31st December 1875.

2. The sanction of the Government of India will be required only for Items 1 and 10. Sir John Hawkshaw's report will be shortly submitted to Government with the necessary detailed drawings.

3. Although Item 2 is estimated to cost Rupees 40,000, this amount is made up of sums well within the limit requiring the sanction of the Government of India.

Schedule of Works proposed to be undertaken from Capital and Revenue Funds during the half-year ending 31st December 1875.

Particulars.	Estimated Cost.	Explanation as to the necessity for the work.	Date when sanction will lapse.
1. Bridge of 3-30 feet openings at 1 ³ / ₈ miles, North-West Line.	Capital and Revenue. 13,000	It is found necessary to increase the water-way of this bridge so as to provide for the discharge of the new calingula of the Munnoorketchma tank. A girder bridge of 3-30 feet openings will therefore be substituted for the 12 feet arch bridge.	Two years after the date of receipt of sanction.
2. Reconstruction of bridges between Perambore and Avady and between Avady and Arcotum.	Do. ... 40,000	Several of the smaller bridges between Perambore and Avady, and between Avady and Arcotum, require extensive repairs or partial renewal.	Do. do.
3. Bridge of 2-30 feet openings near Cadgoody Bridge, Bangalore Branch.	Capital ... 9,000	On an inspection made by the Consulting Engineer and Acting Chief Engineer on 16th April 1875, it was agreed to provide additional water-way by the construction of a new girder bridge of 2-30 feet openings at 203rd mile, Bangalore Branch—See Consulting Engineer's letter, No. 551, dated 18th May 1875.	Do. do.
4. Alterations to station-house at Vellore.	Revenue ... 500	It is proposed to make certain alterations in the arrangement of the station accommodation with a view to providing a waiting-room for 3rd-class passengers which is much needed.	Twelve months after the date of receipt of sanction.
5. New front Verandah at Tristany Station.	Do. ... 1,361	A new verandah is required to replace the one which was blown down during a storm in May last—See Chief Engineer's letter to Agent and Manager, No. 388, dated 31st May 1875.	Do. do.
6. Permanent way Inspector's Bungalow at Cuddapah.	Capital ... 3,900	It is proposed to make Cuddapah the head-quarters of the Inspector in charge of the 4th Section, 1st Division, North-West Line, as it is desirable, when practicable, to have the Permanent-way Inspector's head-quarters at an engine station. The bungalow at Wontimetta is only a cutcha building.	Do. do.

*Proceedings of the Madras Government, Public Works Department,
10th July 1875.*

*Schedule of Works proposed to be undertaken from Capital and Revenue Funds, &c.—
(Concl'd).*

Particulars.	Estimat- ed Cost	Explanation as to the necessity for the work.	Date when sanction will lapse.
7. Enclosure wall for a joint cemetery at Raichore.	Capital ... Rs. 6,500	His Highness the Nizam has handed over a peice of ground for a cemetery at Raichore for the joint use of the employes of the Madras Railway and Great Indian Peninsula Railway Companies, and it is proposed to enclose it with a masonry wall—vide Agent and Manager's letter, No. 1,589, dated 11th May 1875.	Two years after the date of receipt of sanction.
8. Revised Estimate for Native latrines at Mettapolliem.	Do. ... 1,724	An estimate for Native latrines at Mettapolliem was sanctioned in Consulting Engineer's letter, No. 516, dated 7th May 1875. As, however, it was subsequently decided that a new design should be adopted for Native latrines, a new estimate will be submitted for sanction.	Twelve months after the date of receipt of sanction.
9. Catch siding at Mullapoorum.	Do. ... 6,593	The Traffic Manager reports that for shunting purposes Mullapoorum is an unsafe station. The whole of the main line and through siding being situated on a gradient of 1 in 176 falling westward. A catch siding is proposed to prevent the possibility of a collision between wagons running out of Mullapoorum and a train coming in the opposite direction.	Two years after the date of receipt of sanction.
10. Improved Permanent-way for bridges on the entire line.	Capital and Revenue. 1,20,000	Vide Sir John Hawkshaw's Report, dated 20th April 1875.	Do. do.
11. Proposed iron tank over Wootakullu tank-house.	Do. ... 1,620	The head of water in the present tank is not sufficient for locomotive requirements; it is therefore proposed to increase the capacity of the tank by putting up an iron tank on top of the present masonry structure.	Twelve months after the date of receipt of sanction.
12. Proposed iron tank over Mullapoorum tank-house.	Do. ... 1,700	Do. do. do. ...	Do. do.

MADRAS,
15th June 1875.

(Signed) B. ANDERSON,
Chief Engineer.

No. 300.

ORDER THEREON, 10th July 1875, No. 1,956.

RAILWAY, No. 25.

THE list of works estimated to cost less than Rupees 10,000 is approved, and those works of which the probable cost is above Rupees 10,000 will be submitted for the sanction of the Government of India.

(True Extract.)

(Signed) J. O. HASTED, Major, R.E.,
Officiating Joint Secretary to Government.

*Proceedings of the Madras Government, Public Works Department,
10th July 1875.*

No. 301. (DOCKET No. 1,957, dated 10th July 1875.)

COPY of the above forwarded to the Government of India with reference to their Resolution No. 368-9 A.—G.R., dated 10th July 1874.

(True Extract.)

Major, R.E.,
Offg. Joint Secretary to Government.

Gobt. of (1875) Madras.

PUBLIC WORKS.

To
THE SECRETARY TO THE GOVERNMENT
OF INDIA.

Dated July 10th.

Issued

Recd.

Encl.

G. O., 10th July 1875, No. 1,357.

JULY.

Nos. 290-301

FORWARDING copy of Proceedings on schedule of works proposed to be undertaken on the Madras Railway from Capital and Revenue during the half-year ending 31st December 1875, and requesting sanction to those works of which the probable cost is above Rupees 10,000.

Railway Department.

CONSULTING ENGINEER'S OFFICE.

No. 36 Madras, 24th June 1875.

From

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

Consulting Engineer for Railways,

To

Lieut. Col. J. Mullins, R.E.,

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

Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

I have the honour to sub-
mit for the sanction of Government
in G.O. No. 2200-
10th August 1874: a schedule of the works proposed to
be undertaken on the Madras Rail-
way from Capital and Revenue
funds during the half-year ending
the 31st December 1875.

2. The sanction of the Govern-
ment of India will be required
only for items 1 and 10. Sir John
Hauksbee's report will be shortly
submitted to Government with the
necessary detailed drawings.

3. The

3. Although item 2 is estimated to cost Rs. 40,000 this amount is made up of sums well within the limit requiring the sanction of the Government of India.

I have the honour to be
Sir
Your most obedient servant
W. C. D. D. D.,
for Consulting Engineer for P. W.

1810-11 Aug 7/24 Rs. 176-177
" 1st March 1871 Rs. 3-4 in right wing
Ch. 6/5/71

P. W. 1875-Sept. 6

RAILWAY DEPARTMENT.

No. 4166

From
The Consulting Engineer,
for Railways,

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

Dated 24th June 1875
Recd. 25

E. I. No. 362

Submitting for the
sanction of Govt a scheme
of the works proposed
to be undertaken on
the Madras Railway
from Capital & Revenue
funds during the half
year ending the 31 Dec 75.

14-299
Cii. 30-6-75 Rs. 5/7/75
Resp. to Govt 25-6-75 R. 2-2-75

Schedule of Works proposed to be undertaken from
31st December 1875.

Particulars	Estimated Cost Rs. & P.
1 Bridge of 3.30 feet openings at $\frac{130}{8}$ miles - Capital North West line. _____ and Revenue. 13,000 . .	
2 Reconstruction of Bridges between Per- rambore and Arody and between Arody and Arcanum. _____ } Capital and Revenue. 40,000 . .	
3 Bridge of 2.30 feet openings near Bad- goody Bridge Bangalore Branch. _____ } Capital 9,000 . .	
4 Alterations to station house at Vellore. _____ Revenue 500 . .	

Capital and Revenue Funds during the half-year ending
March 1876.

Explanation as to the necessity for the work.

Date when sanction
will lapse.

It is found necessary to increase the water-
-way of this Bridge so as to provide for the dis-
-charge of the new Calingula of the alluvial bed.
-ma Bank. a girder bridge of 3-30 feet open-
-ings will therefore be substituted for the 12
feet arch bridge.

Two years after the
date of receipt of
sanction.

Several of the smaller bridges between
Perambore and Arody and between Arody
and Arcanum, require extensive repairs or
partial renewal.

Two years after the
date of receipt of
sanction.

On an inspection made by the Consulting
Engineer and Acting Chief Engineer on 16th
April 1875 it was agreed to provide additional
waterway by the construction of a new girder
bridge of 2-30 feet openings at 203rd mile Banga-
-lore Branch, see Consulting Engineer's letter
N^o 531 dated 18th May 1875.

Two years after the
date of receipt of
sanction.

It is proposed to make certain alterations in
the arrangement of the station accommodation
with a view to providing a waiting room for

Twelve months after the
date of receipt of sanction.

Particulars	Estimated Cost	Rs. L. P.	Explanation as to the necessity for the work.	Date when sanction will be given.
5. New Front Verandah at Tritany station.	{ Revenue.	1961	3 rd class passengers which is much needed. A new verandah is required to replace the one which was blown down during a storm in May last. See Chief Engineer's letter to Agent and Manager No. 388 dated 31 st May 1875.	Six months after the date of receipt of sanction.
6 Permanent way Inspector's Bungalow at Buddapah.	{ Capital	3900	It is proposed to make Buddapah the headquarters of the Inspector in charge of the 4 th division, North-West line, as it is desirable when practicable to have the Permanent Way Inspector's head quarters at an engine station. The Bungalow at Wandimitta is only a Cutch building. His Highness the Nizam has handed over a piece of ground for a cemetery at Paichere for the joint use of the employees of the Madras Railway and G. O. S. Railway Companies. and it is proposed to enclose it with a masonry wall vide Agent and Manager's letter No. 1589 dated 11 th May 1875.	Six months after the date of receipt of sanction.
7 Enclosure wall for a Saint Cemetery at Paichere.	{ Capital	6500		
8 Revised Estimate for Native Sepines Capital			An Estimate for Native Sepines at	

Particulars

Estimated
cost

Rs. A. P.

Explanation as to the necessity for the work.

Date when sanction
will be given.

at Mettupalliem.

1724

Mettupalliem was sanctioned in June 1875. In
Engineer's letter No. 516 dated 7th May 1875, he
however it was subsequently decided that a new
design should be adopted for a Native Station,
a new estimate will be submitted for sanction.

Twelve months after the
date of receipt of sanction.

9 Catch siding at Mullapoorum.

Capital

6893

The Traffic Manager reports that for shunting
purposes Mullapoorum is an unsafe station. The
whole of the main line and through siding being vi-
truded in a gradient of 1 in 100 falling upwards.
A catch siding is proposed to prevent the possibility
of a collision between waggons running out of Mul-
lapoorum and a train coming in the opposite di-
rection.

Two years after the
date of receipt of
sanction.

10 Improved Permanent way for Paridges
on the entire line.

Capital
and
Revenue

120,000

Vide Sir John P. B. report dated
30th April 1875.

Two years after the date
of receipt of sanction.

11 Proposed Iron Tank over Wootakiller
Tank house.

Capital
and
Revenue

1620

The head of water in the present tank is
not sufficient for Locomotive requirements, it is
therefore proposed to increase the capacity of the tank
by putting up an iron tank on top of the present

Twelve months after the
date of receipt of sanction.

Particulars

Estimated
Cost

Rs. A. P.

12. Proposed Iron Tank over Muller-
-poorum Tank house. } Capital
and Revenue 1,700

Madras Railway

Chief Engineer's Office

Madras 15th June 1895

Explanation as to the necessity for the work.

masonry structure.

Date when sanction
will lapse.

Twelve months after
the date of receipt
of sanction.

do. do. do. do.

/sd/ Percival Anderson
Chief Engineer

/True Copy/

/sd/ Robert G. Elwin
Agent and Manager

/True Copy/

W. M. Lush ^{Lieut. Col.}
for Consulting Engineer for Railways.

Public Works Dept.

Proceedings of the Madras Government
Under date the 18/5
Read the following

From
The Chief Engr. for } H.E. No. 302 of 24th June 1875
Railways

G.O. No. 1956 of 10 July/75

The list of works
estimated to cost less
than Rs 10,000 is ap-
proved. and those works
of which the probable
cost is above Rs 10,000
will be submitted for
the sanction of the Govt

Chief Engr. for Rs 1238 of India

Exr. Ry. Accounts. 73
SC Dispt - 23-7-75

(H.E. Docket No. 1957 dated
10 July/75)

Copy of the above
forwarded

CC-10-9 July/75
m 13-21-29

forwarded to the
Govt of India with
reference to their Reso-
lution No. 368-9 A. G. L.
dated 10th July 1874.

b s a of No. 1956 +
b of 1957 = resp.
23-7-75

Co. W. 4/66
 PUBLIC WORKS.

To

Engineering
 &
 Port of India

Dated

Issued

Recd.

Encl.

G. O., *W. 4/66*, No. 1956
 1957

No. 299-300
 301

Forwarding copy of *Bridge*
 in Schedule of works proposed
 to be undertaken on the M. Ry.
 from Capital & Rev. during
 the half year ending 31 Dec/57.
 Requiring sanction within
 month of which the probable
 cost is about Rs 10000

Works proposed to be under-
taken on the M. Ry. from
Capital & Rev. funds during
the half year ending 31 Dec/57

The list of - Estimated to
 cost less than Rs 10000,
 approved and then costing
 Rs or above Rs 10000 and
 submitted for the sanction
 of the Govt of India.