

(1) Number of pages \_\_\_\_\_

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# MADRAS RECORD OFFICE

## Government of Madras

*Public works*

DEPARTMENT

|          |             |       |
|----------|-------------|-------|
| G.O. No. | 421 (Pg)    | Press |
| B.P. No. |             | Mis.  |
| 442-443  |             |       |
| Dated    | 16. 3. 1874 | 195   |

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,  
16th March 1874.*

No. 442. 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, 26th February 1874, No. 118:—

I HAVE the honour to forward the estimate called for in the Order of Government, dated 11th February 1874, No. 331.

2. The saving shown in the cost of construction is Rupees 4,460-10-0, but this is not so much the advantage which would result by the abandonment of the Spur tank, as the practicability of doing away with the gradient of 1 in 200 in the goods yard, which if allowed to remain will seriously interfere with the working of the traffic. On the original section of the line the gradient from the bund of the tank which is a fixed point (level 157.86) to a little beyond the Commissioner's Road was 1 in 150, but as the ruling gradient of the line has since been reduced to 1 in 200, the level of 148.00 will not now be arrived at until well within the goods yard.

3. It is also apparent from the section that by doing away with the tank, the level of Gengooreddy roadway be taken as a fixed point, and no alteration will be necessary to carry the road over the line, which can be constructed at the same level. A gradient falling 1 in 200 from this point will strike the level of 148.00 before reaching the Commissioner's Road.

4. I trust that an early settlement of this question may be arrived at, as it is very desirable that the works in the neighbourhood of the Spur tank should be commenced with the least possible delay.

No. 443. ORDER THEREON, 16th March 1874, No. 721.

RAILWAY, No. 48.

ORDERED to be recorded, pending receipt of the Revenue Board's report which they will be requested, through the Revenue Department, to expedite.

(True Extract.)

Colonel, R.E.,  
Secretary to Government.

To the Consulting Engineer for Railways.  
„ Revenue Department.

Exd. E. C. Shunker.  
Spare Copies

*Pernatic Railway Company Ltd* (3)  
*Estimate showing saving effected by abandonment*  
*of high embankment through Spur Tank.*

| Quantity     | Description of work             | Rate  | per   | Amount |    |   |
|--------------|---------------------------------|-------|-------|--------|----|---|
| 802 8        | Cyds of Earthwork in Embankment | 1/3/- | Cyd   | 15 05  | 4  | " |
| 900          | Cyds of do approaches           | 1/3/- | "     | 16 8   | 12 | " |
|              | to Gejoreddy Road               |       |       |        |    |   |
| 32           | Squares of Metalling to Road    | 5/8/- | Sq    | 176    | "  | " |
| 14           | linft of 2 ft Culvert at        | 8/3/- | linft | 114    | 10 | " |
|              | Gejoreddy Road                  |       |       |        |    |   |
| 14           | linft of 4 ft Culvert at        | 14/-  | "     | 196    | "  | " |
|              | Gejoreddy Road                  |       |       |        |    |   |
|              | 10 ft opening in Spur           |       |       |        |    |   |
|              | Tank as per original            |       |       | 2300   | "  | " |
|              | Estimate                        |       |       |        |    |   |
| Total Rupees |                                 |       |       | 4460   | 10 | " |

*Madras*  
*21<sup>st</sup> Feb. 1874*

*A. D. For.*  
*Assistant Engineer*

Railway Department.

CONSULTING ENGINEER'S OFFICE.

No. 118

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,

I have the honour to forward the estimate called for in the Order of Government dated 11 Feby. 1874, No 331.

2 The saving shown in the cost of construction is Rs 4460.10.0 but this is not so much the advantage which would result by the abandonment of the spur tank, as the practicability of doing away with the gradient of 1 in 200 in the goods yard, which if allowed to remain

11/16/74  
27/9/74  
27/10/74  
27/11/74  
27/12/74

remain will seriously interfere with the working of the traffic. On the original section of the line the gradient from the bund of the tank which is a fixed point (level 157.86) to a little beyond the Commissioner's road was 1 in 150 but as the ruling gradient of the line has since been reduced to 1 in 200, the level of 148.00 will not now be arrived at until well within the goods yard.

3 It is also apparent from the section that by doing away with the tank, the level of Lengooreddy road may be taken as a fixed point, and no alteration will be necessary to carry the road over the line, which can be constructed at the same level. A gradient falling 1 in 200 from this point will strike

9  
strike the level of 148.00 before reaching the Commissioner's road!

14 I trust that an early settlement of this question may be arrived at, as it is very desirable that the works in the neighbourhood of the Spur tank should be commenced with the least possible delay.

I have the honour to be,  
Sir,

Your most Obedient Servant

W. Conder R.E.

Madras  
26<sup>th</sup> Feby  
1874  
W. Conder

for Genl. Engrs. Railway

RAILWAY DEPARTMENT.

1874.

From  
The Consulting Engineer  
for Railways,

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

Dated 26<sup>th</sup> February 1874  
Recd. 28<sup>th</sup>

Encl. No. 118

transmitting  
with remarks and  
estimate showing  
the amount of the  
by the abandonment  
the high embankment.  
The high embankment  
should be the  
spur track.

With Order

12<sup>th</sup> 21  
12 C. E. for Encl.  
21 Rev. Mr. Encl.  
1874-1875  
Receipt of the Revenue  
which they will be  
through the Revenue  
Department, 1874-1875  
1874-1875

1196

Govt. of Madras.

PUBLIC WORKS.

To The Commr. Engineer  
for Railways

Dated

Recd.

Encl. 1

G. O. 11 March 1874, No. 721

Nos. 442 & 443.

Carnatic Railway

Letter from the Commr.  
forwarding an Estimate  
of the saving effected  
by the abandonment of  
a high embankment  
thru the spur tank, recorded.

and of the B<sup>d</sup> of Rev.  
requests thro' the  
Revenue Dept<sup>y</sup> to  
expedite the Report  
called for regarding  
the amount of compen-  
sation payable in the  
event of the abandon-  
ment of the spur tank.