No. 61. 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, 28th November 1873, No. 638 :—

ADVERTING to the Proceedings of Government, dated the 3rd instant, No. 2,686, I have the honour to submit, for the consideration of Government, a letter* from the Agent of the Madras Railway Company, with enclosure from the Chief Engineer, in which the Railway authorities beg that the Government of India may be moved to re-consider the ruling contained in their letter, dated the 10th October 1873, No. 1,742 G. R., to the effect that wooden telegraph posts are to be used for future renewals upon the South-West Line, until the general question as to the construction and maintenance of Railway telegraphs shall be decided.

* No. 975, 26th November 1873.

2. The figures given by the Chief Engineer seem to prove conclusively that to renew with wooden posts is far more expensive than with iron standards; and the Agent asks that the question between the two kinds of material may be decided upon its merits, irrespective of the separate question as to the agency by which the telegraph lines are in future to be maintained.

3. I recommend the matter for favourable consideration. When they addressed this Government upon the 10th October 1873, the Government of India were probably not aware that all the materials required for renewals upon the South-West Line are now in store at Madras. Setting aside the consideration of the smaller comparative cost involved in the use of iron standards, there can be little doubt that it would be more economical to renew, when necessary, with material now in store, than to buy timber for the purpose.

From W. BARTON WRIGHT, Esq., Acting Agent and Manager of the Madras Railway Company, to Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, dated Madras, 26th November 1873, No. 975.

WITH reference to your letter, No. 1,071, of the 8th instant, I have the honour to request that you will be so good as to submit to Government the enclosed copy of the Acting Chief Engineer's letter, No. 781 of the 22nd idem.

2. In connection with this subject, I beg to direct your attention to paragraph 8 of the Secretary's letter, No. 512, dated the 20th of June, a copy of which was forwarded to you on the 22nd of July with my letter No. 523. It would appear therefrom that the Board are not prepared to transfer their lines of telegraph to the Government; but irrespective of this it appears to me that any question of the agency by which the future maintenance of the telegraphs is to be carried out, should not be assigned as a reason for the continuance of the use of wooden posts, which Mr. Going shows to be so much more expensive than the iron standards.

3. I trust that upon reconsideration of the subject the Government will be pleased to rescind the order communicated in paragraph 2 of your letter mentioned above.

From T. H. GOING, Esq., Acting Chief Engineer, to W. BARTON WRIGHT, Esq., Acting Agent and Manager, Madras Railway Company, dated Madras, 22nd November 1873, No. 781.

WITH reference to your endorsement on Consulting Engineeer's letter No. 1,071, of 8th instant, I have to remark that the decision of Government conveyed in paragraph 2 of that letter is much to be regretted, since it amounts in practice to an order to continue a system under

which the maintenance of the telegraph line will cost more than double what it would under the system which this Company proposes to substitute for it.

2. I shall explain that this is so, as follows, viz. :—

Mr. Winter estimates the life of the Siemon's and Hamilton's standards at sixty years. He has ascertained that the life of teak poles is not above fifteen years. Taking the maintenance of 100 miles of each over sixty years we have the following comparison :—

Wooden Poles.

		Rs.
8,600 Teak posts, at Rs. 9		77,400
400 Do. Gates, at ,, 27		10,800
Labour, 400 miles, at ,, 20		8,000
	Total cost ..	96,200
Per year.		
Interest for 1st 15 years, 1,202		
Do. ,, 2nd 15 ,, 2,404		18,030
Do. ,, 3rd 15 ,, 3,606		36,060
Do. ,, 4th 15 ,, 4,808		54,090
Total cost with interest over sixty years		72,120
Average total cost per year		2,76,500
		4,608

Siemon's Standards.

1,700 Siemon's Iron Poles, at Rs. 17		
100 Do. Gates, at ,, 28		28,900
Labour, 100 miles, at ,, 20		2,500
		2,000
	Total cost...	33,400
Per year.		
Interest for 60 years, 1,670		1,00,200
Total cost with interest over sixty years		1,33,600
Average total cost per year		2,226

That is to say the cost of maintenance of a mile of wooden posts per annum is Rs. 4,608 against Rupees 2,226, the cost of maintenance of a mile of iron posts.

No. 62. ORDER THEREON, 8th January 1874, No. 27.

RAILWAY, No. 10.

ORDERED that this letter be submitted for the consideration of the Government of India, with reference to their letter of the 10th October, No. 1,742, G. R., and with a request that for the reasons set forth, which His Excellency the Governor in Council considers satisfactory, that Government will be pleased to re-consider their decision regarding the use of wooden posts for future renewals on the South-West Line until the general question of the maintenance and construction of Railway Telegraphs is decided.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

No. 63. DOCKET No. 28, dated 8th January 1874.

COPY of the above forwarded to the Government of India.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

Exd. T. O'Connor.
Spare Copies

Madras Railway Company
Chief Engineer's Office
Madras 22nd November 1873

№ 781

The Ag. Agent & Manager,

Dear Sir,

With reference to your endorsement on Consulting Engineer's letter No. 1071 of 8th instant, I have to remark that the decision of Government conveyed in para. 2 of that letter is much to be regretted; since it amounts in practice to an order to continue a system under which the maintenance of the Telegraph Line could cost more than double what it would under the system which this Company proposes to substitute for it.

2. I shall explain that this is so, as follows, viz.:

Mr Winter estimates the life of the Siemon's and Hamilton's standards at 60 years. He has ascertained that the life of Teak Poles is not above 15 years. Taking the maintenance of 100 miles of each over 60 years we have the following comparison.

Wooden Poles.

8600 Teak posts at Rs. 9 — 77400
400 — Gates — " — 27 — 10,800
Labor 400 miles at Rs. 20 — 8000
Rs — 96200

	per year	
Interest for 1st 15 years	1202	18030
" " 2d " "	2404	36060
" " 3d " "	3606	54090
" " 4th " "	4808	72120

Total cost with interest over 60 years = 2,76,500

Average total cost per year Rs. 4608

Chenam's Standard

1700 Chenam's Iron Poles at Rs 17 - 28900

100 " Poles " " 28 - 2,500

Labor 100 miles at Rs — 20 — 2,000

Total cost Rs. 33,400

	per year	
Interest for 60 years	1670	100200

Total cost with interest over 60 years — 133600

average total cost per year Rs 2226

Thus we see the cost of maintenance of a mile of wooden posts per annum is Rs. 4608 as against Rs. 2226, the cost of maintenance of a mile of Iron Posts.

Yours faithfully
(Sd) T. H. Young
Dy. Chief Engineer

True Copy

Ag. Agent & Chief Engineer

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE

Madras, 26th November 1873.

From

W. B. Wright Esqre,
Acting Agent and Manager, of the M Ry

To

Lieut-Col J Hall Shaw Stewart, R

Consulting Engineer for Railways.

Sir,

With reference to your letter No 1071 of the 8th instant, I have the honour to request that you will be so good as to submit to Government the enclosed copy of the Acting Chief Engineer's letter No 781 of the 22d idem.

2. In connection with this subject I beg to direct your attention to paragraph 8 of the Secretary's letter No 512 dated the 20th of June, a copy of which was forwarded to you on the 22d of July with my letter No 523. It would appear therefrom that the Board are not prepared to transfer these lines of Telegraph to the Government; but irrespective of this it appears to me that any

the future maintenance of the Telegraphs is to be carried out should not be assigned as a reason for the Continuance of the use of Wooden posts which Mr. Going shews to be so much more expensive than the iron standards -

8. I trust that upon reconsideration of the subject the Government will be pleased to rescind the order communicated in paragraph 2 of your letter mentioned above -

I have the honour to be
Sir,
Your most obedient Servant

Ag. Agent & Manager.

Railway Department

No. 975

From

LIEUT.-COLONEL J. H. M. 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 honor to submit, for the consideration of Government, the accompanying letter from Messrs. Robinson, Gillanders & Co., dated the 3rd instant, forwarding the Agreement executed by the Madras Railway Company, and I request that the Agreement may be returned to me for transmission to the Secretary of State for India in Council.

I have the honor to be,
SIR,
Your most obedient servant,
Chief Engineer.

Advertising the Agreement.

No 975
26 Nov 1873.

Regarding the transfer of the Madras Railway Telegraph lines to Government.

G.O. 87-8-1-74

P.W. 6479/73

R. No 61.

91590

MADRAS RAILWAY.

From

The Agent and Manager.

To

The Consulting Engineer

for Railways.

Dated 28 Nov 1873
Recd. 27

No. 975

Regarding the transfer of the Madras Railway Telegraph lines to Government.

G.O. 87-8-1-74

P.W. 6479/73

R. No 61.

October 1873, No 1742 G. R., to the effect that wooden telegraph posts are to be used for future renewals upon the South-West line, until the general question as to the construction and maintenance of railway telegraphs shall be decided.

2. These figures given by the Chief Engineer seem to prove conclusively that to renew with wooden posts is far more expensive than with iron standards, and the Agent asks that the question between the two kinds of material may be decided upon its merits, irrespective of the separate question as to the Agency by

future to be maintained.

3. I recommend the matter for favourable consideration. When they addressed this Government upon the 10 October 1873, the Government of India were probably not aware, that all the materials required for renewals upon the South-West line are now in store at Madras. Setting aside the consideration of the smaller comparative cost involved in the use of iron standards, there can be little doubt that it would be more economical to renew, when necessary, with materials now in store than to buy timber for

RAILWAY DEPARTMENT.

Public Works 1873. Dept.

From

The Consulting Engineer
for Railways,

To

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

Dated 28 November 1873.

Recd. 29 November 1873.

Enclos: 2.

No. 638.

Submitting letter from the Agent G.I.P. Ry. requesting to move the Govt of India to recommend the ruling contained in their proceedings regarding the use of iron standards instead of wooden telegraph posts on S.M. Line

Herewith

No. 6479

Govt. of {1873} Madras.

PUBLIC WORKS.

To The Honourable Chas for Railways

To The Secretary to the Govt of India

Dated

Recd. Encl. 2

G. O. 8th Jany 1874 No. 27

28/

Nos. 61-62 & 63

Requesting a re-consideration of the decision regarding the use of wooden posts for future renewals on the S.W. line of the Madras Ry until the general question of the maintenance & construction of Railway Telegraphs is decided.

Telegraph Posts. Ordered that the Govt of India be requested to reconsider their decision regarding the use of wooden posts for future renewals on the S.W. line until the general question of the maintenance & construction of Railway Telegraphs is decided.

Govt

Dated Recd.

No. 28 Jany

Nos. 3921

Funds. Certain Assistants

funds for accounts

Work in the Fields

Sanctioned; Rupees

Police to defray the

of the Mysore and

Ashburg Gully

P. W. 1873 Dept. No. 6854.

From The Inspector General of Police,

To The Secretary to Govt. Public Works Dept.

Dated 17th December 1873

No. 1411

Request sanction to the transfer of Rs. 213 from Mysore to meet certain requirements in the Police establishment.

Dated

Recd.

No. 199

The transfer of funds proposed in this letter to meet outlay charging the current Police year in connection with certain Police duties in the Kistna District is sanctioned. The Inspector General of Police should state the causes which have prevented the proposed allotments not being utilized

Dr. Kistna
Surgn Kennedy
Insp Genl of Police
Genl

Despatched 5-e 30/1/74.