GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

From the Consulting Engineer for Railways, dated Madras, 1st August 1890, No. 530.

NOTE on the Establishment Lists, South Indian Railway, for the half-year ending 31st December 1890.

Agent's Department.—No remarks.

2. *Audit Department.*—Full provision for First Assistant to Chief Auditor has been made for the half-year at Rs. 500 a month, but the appointment has not yet been filled up. The sanction should have been entered in the previous half-year.

An excess of Rs. 42 has been provided under "Police Guard" on account of an increase in that department.

3. *General Stores Department.*—Provision has been made for ten storekeepers who were previously employed on daily wages, and for one additional watchman required for the sub-depôt at Máyavaram.

4. *Medical Department.*—The Company now having their own Superintending Physician sanctioned in G.O., No. 272 R., dated 20th February 1890, a provision of Rs. 300 (instead of Rs. 150) a month has been made.

Extra provision of Rs. 300 has been made for the entertainment of an Apothecary on a salary of Rs. 50 a month to assist the Medical Storekeeper in the despatch of indents.

5. *General and Miscellaneous Charges.*—The following increases are made in order to bring sanctions more nearly to actuals:—

	RS.
Home expenditure	3,000
Compensation	500

6. *Engineering Department.*—One additional clerk in the permanent-way stores and workshops has been provided in consequence of increased work but with no increase in the total amount under that head, and the maximum rate of salary increased from Rs. 50 to Rs. 60 to admit of an increase being given to a deserving clerk.

Two assistant inspectors have been transferred from the "General" to the "District" establishment.

Extra provision of Rs. 132 has been made under sub-inspectors on account of increases to three deserving men.

Three additional sub-inspectors and 3 storekeepers on Rs. 25 per mensem under "General" have been provided in connection with the laying 50-lb. permanent-way.

No provision has been made for the construction account as there are no charges to Capital.

7. *Maintenance.*—The maintenance estimates for the last and current half-years are compared in the following table:—

	First half of 1890.		Second half of 1890.	
	Ordinary.	Extraordinary.	Ordinary.	Extraordinary.
	Rs.	Rs.	Rs.	Rs.
Division I	1,06,906	62,715	98,774	84,098
Do. II	76,305	62,563	1,13,924	1,10,873
Do. III	74,627	64,806	61,634	14,241
Do. IV	79,357	59,063	95,844	1,42,068
Do. V	72,513	66,709	..	..
Total ..	4,09,708	3,15,856	3,70,176	3,51,280
	7,25,564		7,21,456	
General superintendence	99,808		96,845	
Total ..	8,25,372		8,18,301	
Per mile of single line (662 miles)	1,247		1,236	
Per mile of track including sidings (741 miles) ..	1,118		1,104	

The extraordinary expenditure is made up as follows:—

	Rs.
Renewing 20 miles line with 50-lb. rail on cast-iron pot sleeper ...	2,72,832
Twenty-five automatic ground disc signals at different stations ...	3,275
Five pairs of pot sleepers to a rail length in place of 5 miles of decayed sleeper road on Negapatam Branch	25,102
Additions to, demolishing and rebuilding bridges	26,940
Repairing deteriorated wire fencings, II Division and Erode Branch	10,000
Additions, alterations, &c., to stations	13,131
Total ...	3,51,280

The abstract estimate of maintenance for a total of 662 miles single line works out to Rs. 1,236 for the half-year, of which Rs. 531 is due to extraordinary expenditure.

The number of divisions has been reduced from five to four.

8. The Engineering establishment for the portion of the Villupuram-Guntakal State Railway from Villupuram to Tiruvannámalai, expected to be opened on 1st October 1890, will be found at the end of the Engineering Department list, South Indian Railway, which is estimated only for the last three months of the year.

Summary of the Engineers' Department of the Villupuram-Guntakal State Railway:—

	Rs.
Engineers' salaries	1,800
Allowance of ditto including travelling	300
Subordinate Superintendents	1,185
Allowance of ditto including travelling	150
Office establishment	555
	3,990
Maintenance (ordinary)	12,180
Total ...	16,170

9. *Locomotive Department.*—Extra provision of Rs. 100 under Assistant Locomotive Superintendent has been made owing to increase of pay under agreement.

Provision has been made for a Head Draughtsman on a salary of Rs. 100 a month on account of the reorganisation of the drawing office involving the creation of this post.

An extra provision of Rs. 60 has been made under "Timber Measurer" on account of increase of salary, and of Rs. 400 under "Foremen" for increase under agreements.

The other increases in this department are due to the entertainment of establishment for three months only on account of the anticipated opening of a section of the Villupuram-Guntakal State Railway and also to bring sanction nearer to actuals.

10. *Traffic Department.*—The slight increases in this department are necessary for four extra pointsmen, two porters, three water-carriers and a night staff of twenty-one gatemen to meet train requirements, and to accord with actuals.

An extra staff of forty men to be trained for the Villupuram-Guntakal State Railway has also been provided for.

11. *Telegraph Department.*—Three additional signallers have been provided between Madura and Virudupati necessitated by the revised train service from 1st April 1890.

An additional training staff of twenty men have been provided for on account of the Villupuram-Guntakal State Railway.

12. *General Results.*—The total charges for the second half of 1890 are estimated at Rs. 21,29,933, being 76·07 per cent. of the anticipated gross earnings.

(Signed) SIDNEY SMITH, Major, R.E.,
for Offg. Consulting Engineer for Railways.

Submitted to Government for transmission to the Director-General of Railways.

ORDER—dated 5th August 1890, No. 1127 R., Public Works.

Approved.

2. Nine copies of the Establishment lists will, as usual, be forwarded to the Director-General of Railways.

(Here enter No. 1128 R., dated 5th August 1890.)

(True Extract.)

Major, R.E.,
Under-Secy. to Govt., P.W.D.,
Railway Branch.

To the Consulting Engineer for Railways.
" Examiner, Guaranteed Railway Accounts.

Exd. J. Moses.
Spare Copies

RAILWAY.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated August, 5th.

Recd. *Encl.*

G.O., 5th Aug. 1890, No. 1127 R.

AUGUST.

Establishment List

The —, South Indian Railway, for the half-year ending 31st December 1890, with a note thereon by the Consulting Engineer for Railways, approved and ordered to be forwarded to the Director-General of Railways.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

From the Consulting Engineer for Railways, dated Madras, 1st August 1890, No. 530.

NOTE on the Establishment Lists, South Indian Railway, for the half-year ending 31st December 1890.

Agent's Department.—No remarks.

2. *Audit Department.*—Full provision for First Assistant to Chief Auditor has been made for the half-year at Rs. 500 a month, but the appointment has not yet been filled up. The sanction should have been entered in the previous half-year.

An excess of Rs. 42 has been provided under "Police Guard" on account of an increase in that department.

3. *General Stores Department.*—Provision has been made for ten storekeepers who were previously employed on daily wages, and for one additional watchman required for the sub-depôt at Máyavaram.

4. *Medical Department.*—The Company now having their own Superintending Physician sanctioned in G.O., No. 272 R., dated 20th February 1890, a provision of Rs. 300 (instead of Rs. 150) a month has been made.

Extra provision of Rs. 300 has been made for the entertainment of an Apothecary on a salary of Rs. 50 a month to assist the Medical Storekeeper in the despatch of indents.

5. *General and Miscellaneous Charges.*—The following increases are made in order to bring sanctions more nearly to actuals :—

	RS.
Home expenditure	3,000
Compensation	500

6. *Engineering Department.*—One additional clerk in the permanent-way stores and workshops has been provided in consequence of increased work but with no increase in the total amount under that head, and the maximum rate of salary increased from Rs. 50 to Rs. 60 to admit of an increase being given to a deserving clerk.

Two assistant inspectors have been transferred from the "General" to the "District" establishment.

Extra provision of Rs. 132 has been made under sub-inspectors on account of increases to three deserving men.

Three additional sub-inspectors and 3 storekeepers on Rs. 25 per mensem under "General" have been provided in connection with the laying 50-lb. permanent-way.

No provision has been made for the construction account as there are no charges to Capital.

7. *Maintenance.*—The maintenance estimates for the last and current half-years are compared in the following table:—

	First half of 1890.		Second half of 1890.	
	Ordinary.	Extraordinary.	Ordinary.	Extraordinary.
	Rs.	Rs.	Rs.	Rs.
Division I	1,06,906	62,715	98,774	84,098
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Do. III	74,627	64,806	61,634	14,241
Do. IV	79,357	59,063	95,844	1,42,068
Do. V	72,513	66,709	..	..
Total ..	4,09,708	3,15,856	3,70,176	3,51,280
	7,25,564		7,21,456	
General superintendence	99,808		96,845	
Total ..	8,25,372		8,18,301	
Per mile of single line (662 miles)	1,247		1,236	
Per mile of track including sidings (741 miles) ..	1,118		1,104	

The extraordinary expenditure is made up as follows:—

	Rs.
Renewing 20 miles line with 50-lb. rail on cast-iron pot sleeper ...	2,72,832
Twenty-five automatic ground disc signals at different stations ...	3,275
Five pairs of pot sleepers to a rail length in place of 5 miles of decayed sleeper road on Negapatam Branch	25,102
Additions to, demolishing and rebuilding bridges	26,940
Repairing deteriorated wire fencings, II Division and Erode Branch	10,000
Additions, alterations, &c., to stations	13,131
Total ...	3,51,280

The abstract estimate of maintenance for a total of 662 miles single line works out to Rs. 1,236 for the half-year, of which Rs. 531 is due to extraordinary expenditure.

The number of divisions has been reduced from five to four.

8. The Engineering establishment for the portion of the Villupuram-Guntakal State Railway from Villupuram to Tiruvannámalai, expected to be opened on 1st October 1890, will be found at the end of the Engineering Department list, South Indian Railway, which is estimated only for the last three months of the year.

Summary of the Engineers' Department of the Villupuram-Guntakal State Railway:—

	Rs.
Engineers' salaries	1,800
Allowance of ditto including travelling	300
Subordinate Superintendents	1,185
Allowance of ditto including travelling	150
Office establishment	555
	3,990
Maintenance (ordinary)	12,180
Total ...	16,170

9. *Locomotive Department.*—Extra provision of Rs. 100 under Assistant Locomotive Superintendent has been made owing to increase of pay under agreement.

Provision has been made for a Head Draughtsman on a salary of Rs. 100 a month on account of the reorganisation of the drawing office involving the creation of this post.

An extra provision of Rs. 60 has been made under "Timber Measurer" on account of increase of salary, and of Rs. 400 under "Foremen" for increase under agreements.

The other increases in this department are due to the entertainment of establishment for three months only on account of the anticipated opening of a section of the Villupuram-Guntakal State Railway and also to bring sanction nearer to actuals.

10. *Traffic Department.*—The slight increases in this department are necessary for four extra pointsmen, two porters, three water-carriers and a night staff of twenty-one gatemen to meet train requirements, and to accord with actuals.

An extra staff of forty men to be trained for the Villupuram-Guntakal State Railway has also been provided for.

11. *Telegraph Department.*—Three additional signallers have been provided between Madura and Virudupati necessitated by the revised train service from 1st April 1890.

An additional training staff of twenty men have been provided for on account of the Villupuram-Guntakal State Railway.

12. *General Results.*—The total charges for the second half of 1890 are estimated at Rs. 21,29,933, being 76·07 per cent. of the anticipated gross earnings.

(Signed) SIDNEY SMITH, Major, R.E.,
for Offg. Consulting Engineer for Railways.

Submitted to Government for transmission to the Director-General of Railways.

ORDER—dated 5th August 1890, No. 1127 R., Public Works.

Approved.

2. Nine copies of the Establishment lists will, as usual, be forwarded to the Director-General of Railways.

(Here enter No. 1128 R., dated 5th August 1890.)

(True Extract.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Consulting Engineer for Railways.
" Examiner, Guaranteed Railway Accounts.

ENDORSEMENT—dated 5th August 1890, No. 1128 R., Public Works.

Forwarded.

(By Order.)

Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

Exd. J. Moses.
Spare Copies

RAILWAY.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated August, 5th.

Recd. *Encl.*

G.O., 5th Aug. 1890, Nos. 1127 R., 1128 R.

AUGUST.

Establishment List

Forwarding the —, South Indian Railway, for the half-year ending 31st December 1890.

Print

Note on the Establishment List, South Indian Railway, for the half year ending 31st December 1890.

Agent's Department.

No remarks.

2. Audit Department:-

Full provision for 1 Assistant to Chief Auditor has been made for the half year at Rs. 500 a month, but the appointment has not yet been filled up. The sanction should have been entered in the

previous

previous half year.

An excess of Rs 42 has been provided under "Police Guard" on account of an increase in that department.

3. General Stores Department:- Provision has been made for 10 storekeepers who were previously employed on daily wages and for 1 additional watchman required for the sub depot at Mayaveram.

4. Medical Department. The Company now having their own Superintending physicians sanctioned in G. O. No: 272 R, dated 20th February 1890, a provision of Rs 300 (instead of Rs 150) a month has been made.

Extra provision of Rs 300/- has been made for the entertainment of an Apothecary on a salary of Rs 50/- a month to assist the Medical Storekeeper in the despatch of indents.

5. General and Miscellaneous Charges:- The following increases are made in order to bring sanctions more nearly to actuals.

	Rs.
Home Expenditure —	3,000
Compensation ——	500

Engineer

6. Engineering Department.

One additional clerk in the Permanent way Stores and workshops has been provided in consequence of increased work but with no increase in the total amount under that head and the maximum rate of salary increased from Rs 50 to 60 to admit of an increase being given to a deserving Clerk.

Two Assistant Inspectors have been transferred from the "General" to the "District" establishment.

Extra provision of Rs 132 has been made under Sub-Inspectors on account of increases to 3 deserving men.

Three additional Sub Inspectors and 3 storekeepers on Rs 25 per measure under "General" have been provided in connection with the laying 50 lb Permanent Way.

No provision has been made for the construction account as there are no charges to Capital.

7. Maintenance - The maintenance estimates for the last and current half-years are compared in the following tables :-

	First half of 1890		Second half of 1890	
	Ordinary	Extraordinary	Ordinary	Extraordinary
	Rs	Rs	Rs	Rs
Division I	1,06,906	62,715	98,774	84,098
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" III	74,627	64,806	61,634	14,241
" IV	79,357	59,063	95,844	1,42,068
" V	72,513	66,709	"	"
Total	409,708	315,856	370,176	351,280
	7,25,564		7,21,456	
General Superintendence	99,808		96,845	
Total	8,25,372		8,18,301	
Per mile of single line (662 miles)	1,247		1,236	
Per mile of track including sidings (741 miles)	1,118		1,104	

The extraordinary expenditure is made up as follows :-

Renewing 20 miles lines with 50 lb rail on cast-iron pot sleeper ——— 2,72,832

25 Automatic ground disc signals at different stations —— 8275

5 pairs of pot sleepers to a rail length in place of 5 miles of decayed sleeper road on Negapatam Branch ——— 25,102

Additions to, renewing and rebuilding bridges - 26,940

Repairing deteriorated wire fencings II Division and Erode Branch — 10,000

Additions, alterations & to stations ——— 13,131

Total 3,51,2

The abstract estimate of maintenance for a total of 66.2 miles single line works out to Rs 1,236 for the half year of which Rs 531 is due to extraordinary expenditure.

The number of divisions has been reduced from 5 to 4.

8. The Engineering Establishment for the portion of the Villupuram-Gudalur State Railway from Villupuram to Sirvarumalai expected to be opened on 1st October 1890 will be found at the end of the engineering Departt

Department list, South Indian Railway which is estimated only for the last three months of the year.

Summary of the Engineers' Department of the Villupuram Gudalur State Railway.

	Rs.
Engineers salaries	1,800
Allowances of —do— including travelling	300
Subordinates Superintendents	1,185
Allowances of —do— including travelling	150
Office Establishment	565
	3990
Maintenance (Ordinary)	Rs 12,180
	Total Rs 16,170

9. Locomotive Department :-

Extra provision of Rs 100 under Assistant Locomotive Superintendent has been made owing to increase of pay

pay under Agreement.

Provision has been made for a Head Draughtsman on a salary of Rs 100 a month on account of the reorganization of the drawing office involving the creation of this post.

An extra provision of Rs 60 has been made under "Timber Measurers" on account of increase of salary and of Rs 400/- under "Foremen" for increase under Agreements.

The other increases in this Department are due to the entertainment of establishment for 3 months only on account of the anticipated opening of a section of the Villupuram Guntakal State Railway and also to bring same nearer to actuals.

10. Traffic Department:-

The slight increases in this department are necessary for 4 extra pointsmen 2 porters 3 water carriers and a night staff of 21 gatemen to meet train requirements and to accord with actuals.

An extra staff of 40 men to be trained for the Villupuram Guntakal State Railway has also been provided for.

11. Telegraph Department.

Three additional signallers have been provided between Madura and Virudupatti necessitated by the revised train service from 1st April 1890.

An additional training staff of 20 men have been provided for on account of the Villupuram-Gurutakal State Railway.

12. General results. The total charges for the 2nd half of 1890 are estimated at Rs 21,29,933 being 76.07 percent of the anticipated gross earnings.

Sidney Smith
Major R.E.
for Offg. Consg. Engr. for Rys.

Pw Secl 7244/90

Form No. 1.

Public Works Department.

Office of Consulting Engineer for Railways,
Madras. 1st August 1890.

Establishment Lists, South Indian Railway, for the half year ending 31st December 1890, with Notes by the Consulting Engineer for Railways, thereon.
No. 530

Submitted ——— to ——— Government. for transmission to the Director Generals of Railways.

Sidney Smith
Major R.E.
for Offg. Consg. Engr. for Rys.

Subject.—

Mr

Form No. 3.

From

THE CONSULTING ENGINEER
FOR RAILWAYS,
MADRAS,

No. 530

Dated 1st
Received / } August 1890.

No. of Enclosures. 2

Subject.

Submitting for transmission to the Director General of Rys. Establishment List S. Ry. for the half year ending 31st December 1890 with a note thereon by the Chief Engr. for Rys.

A

No. 1127-28 R dy 5th Augt 90.

Fr. No. 272 R dy 20.2.90
A
No. 1127 R dy 5th Augt 90.

4/8/90 Approved.

2. Nine copies of the Establishment lists will, as usual, be forwarded to the Director General of Railways.

Fr. No. 1128 R dy 5th August 90
Forwarded

15/8.

For
Dy. Chief Engr.
for Rys.
8/8/90

1/8.

To The Consulting Engr. for Rys
Fr. Chief Engr. Rys.
No. 4/8 R 5.8.90

Form No. 3.

7244.

Govt. of 18 Madras.

PUBLIC WORKS.

Dated 1/8

Recd. Encl.

G.O., 5th Augt 1890 No. 1127-8R.

Establishment Lieh

Re — S I Ry for the half year ending 31st Decr 1890 with a note thereon by the Chief Engr Approved & Ordered to be forwarded to the Director General of Rlys.

Do do

Send the S I Ry for the half year ending 31st Decr 1890.

7/3 50/2

Rec 7/8/91

4TH AUGUST 1890, No. 1125 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

From the Consulting Engineer for Railways, dated Madras, 26th July 1890, No. 519.

Schedule of Estimates sanctioned on the South Indian Railway up to 31st May 1890.

[Statement.