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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No.	2643-43A	Press
77-80-80A		~~Mis.~~
Dated	4. 11.	18.10.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
4th November 1870.*

No. 79. Read the following letter from the Acting Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 7th October 1870, No. 394:—

THE Agent and Manager of the Madras Railway has found that he requires a good many alterations in the specific Budget allotments for districts and other separate works, inasmuch as exception is taken by this department to expenditure in excess of allotments on each Budget item. A revised Budget for the year has accordingly been prepared, for which the Agent requests sanction. I have added two columns showing the increase and decrease proposed as compared with the printed Budget. This statement shows in detail the whole of the desired changes of allotments; but I have also prepared another list exhibiting under two heads merely the amounts that are surrendered from different works against those that are demanded for other works, and I request the sanction of Government for this interchange of allotments, amounting, in the aggregate, to Rupees 5,60,022.

2. I have considered that an Imperial Railway Budget, as sanctioned by the Government of India, cannot be revised as a whole, without being submitted to the Government of India. As, however, there is no proposed alteration of the amount granted for construction in the Budget, Form B, taking the South-West and North-West Lines together, but only changes of amounts in certain items, I recommend that the sanction of Government be accorded to the alteration of allotments as given in my list.

3. From the statement (Budget Form) it is seen that there are five items in the printed Budget amounting to Rupees 59,531 that are not required in the current official year. Provision for these works is made in the Budget now under examination for next official year. One work, "renewal of roof of timber-shed," Rupees 6,167, is struck out of the Budget, as the charge has been made debitable to Revenue; and on four other items, there are balances of Rupees 4,827 that are savings on estimates. There is thus a sum of Rupees 70,525 surrendered as not required.

Under "Establishment" on the North-West Line, there is an anticipated saving of Rupees 37,600.

There were two omissions in the Budget list, as originally drawn up, inasmuch as it was not specified that expenditure was required to complete the Royalcherroo Station, as well as the watering arrangements at that station, nor was mention made of the Ghooty Station, which comes under District XI., Section I. of the North-West Line.

A sum of Rupees 54,910 is asked for on account of the Kuddlehoondy bridge; this work is actually completed. There is a demand of Rupees 60,510 as reserve to meet unforeseen requirements, and of Rupees 1,00,911 for District 19, North-West Line, which includes the large bridge over the Toongabuddra. The other items of additional requirements are of smaller amounts, and comprise all the stations on the unopen portion of the North-West Line, as these buildings are being carried on with a view to their being in readiness for the further opening of the line both to Raichore and to Bellary.

Proceedings of the Madras Government, Public Works Department,
4th November 1870.

Nature of Works.	Number and date of sanction.	Amount of estimate, Indian expenditure, as per printed Budget.	Estimated expenditure in 1870-71, revised.	Increase.	Decrease.	Remarks.
DETAIL OF WORKS ON THE OPEN LINE ESTIMATED TO COST MORE THAN RUPEES 10,000.		RS.	RS.	RS.	RS.	
<i>Madras Terminal Station.</i>						
Engine-shed, tank-house, etc. ...	.....	27,204	.....	.....	27,204	Not required in this year.
<i>Salt Cotaur Branch.</i>						
Traffic requirements ...	Sch. 2, 27th Nov. 1868 and 1st Sept. 1869.	3,243	1,504	.....	1,739	
<i>Perambore Works.</i>						
Locomotive requirements ...	2, 23rd Sept. 1868.	1,752	7,727	5,975	.....	
Store-shed ...	2, 7th May 1869.	5,656	5,654	.....	2	
Renewing roof of timber-shed ...	2, 31st March "	6,167	.....	.....	6,167	This item is chargeable to Revenue.
Extension of engine erecting and boiler shop.	2, 18th May "	41,537	52,434	10,897	.....	
Additional permanent way ...	.....	3,343	1,337	.....	2,006	
New smithy ...	.....	10,895	.....	.....	10,895	Not required in this year.
<i>2nd Division, South-West Line, Bangalore Branch.</i>						
Dwelling-houses required for the Native staff of the Traffic Department at Jollapett.	2, 5th Jan. 1869.	2,219	.....	.....	2,219	Not required.
Protective works to culverts and bridges, Bangalore Branch.	2, 27th Oct. 1868.	3,050	7,269	4,219	.....	
Two sidings, each 500 feet long, at Jollapett.	.....	3,392	3,392	.....	.....	
Salt godown and lay-bye at Colar Road ...	Sanctioned, 2nd Sept. 1870.	6,708	3,958	.....	2,750	
Goods shed and siding at Cadjoody ...	do.	11,135	2,271	.....	8,864	
<i>3rd Division, South-West Line.</i>						
Circular engine-shed at Coimbatore	Sch. 2, 3rd Dec. 1866.	1,820	.....	.....	1,820	Do. do.
Additional siding required by the Traffic Department at Coimbatore.	2, 16th Feb. 1869.	416	.....	.....	416	Do. do.

Proceedings of the Madras Government, Public Works Department,
4th November 1870.

		57,980	1,12,890	54,910	.....	372	Do.
		372	.....	.....	.....	.....	
		24,600	10,000	.....	.....	14,600	
		2,11,489	2,08,436	76,001	.....	79,054	
		78,223	50,000	.....	.....	28,223	
		33,054	93,564	60,510	.....	.....	
		3,22,766	3,52,000	1,36,511	.....	1,07,277	
		1,50,936	1,65,991	15,055	.....	.....	
		11,028	.....	.....	.....	11,028	
		15,270	22,009	6,739	.....	.....	
		5,00,000	5,40,000	1,58,305	.....	1,18,305	
							
		7,00,000	6,00,000	.....	.....	1,00,000	
		12,00,000	11,40,000	1,58,305	.....	2,18,305	
		1,50,000	6,50,000	.....	.....	.....	
		5,00,000	.....	.....	.....	.....	
		18,50,000	17,90,000	1,58,305	.....	2,18,305	
		.....	.....	.....	.....	1,58,305	
						60,000	Saving to be added to North-West Line.

4th Division, South-West Line.

Kudlechoondy bridge. ...
Introducing two additional strands into the wire fencing.

Electric Telegraph.

Renewing 410 miles of wooden poles with galvanized iron poles from Madras to Bangalore.

Minor Works...
Reserve to meet unforeseen requirements ...
Total on lines open for more than two years...
Madras Central Station ...
Watering arrangements at do. ...
Altered and additional works do. ...

Unopen lines and lines open less than two years.

Neilgherry Branch Line ...
do. Stations...
Total...

Establishments ...
Stores...
Grand Total...

Nature of Works.	Number and date of sanction.	Amount of estimate, Indian expenditure, as per printed Budget.	Estimated expenditure in 1870-71, revised.	Increase.	Decrease.	Remarks.
		RS.	RS.	RS.	RS.	
DETAIL OF WORKS ON THE OPEN LINE ESTIMATED TO COST MORE THAN RUPEES 10,000.						
1st Division, North-West Line.	Sanctioned, 11th Oct. 1869.	6,532	7,115	583	.....	} Not required in this year.
Watering arrangements at Tripetty...	.....	5,202	.....	.....	5,202	
Do. at Reddipully ..	.....	5,202	.....	.....	5,202	
Do. at Wontimetta ..	.....	.....	6,500	6,500	.....	
Fencing, District 7 ...	.....	.....	.....	.....	.....	
Total...		16,936	13,615	7,083	10,404	
Minor Works ...		59,098	50,000	.....	9,098	
Reserve to meet unforeseen requirements ...		4,724	26,385	21,661	.....	
Total on lines open for more than two years...		80,758	90,000	28,744	19,502	
Unopen lines and lines open less than two years.						
Moodanoor to Tadpatry, maintenance of Way and Works.	22nd July 1865, 8th May 1867, 2nd March 1866, 12th Dec. 1866, 25th May 1866, and 31st July 1867.	20,250	20,250	.....	.....	
Tadpatry to Ghooty, do.	11th Oct. 1869 and 23rd May 1868.	44,580	44,580	.....	.....	
Watering arrangements at Royalcherroo Station.	5th Jan. 1869, 15th July 1869, 10th Aug. 1869, 31st July 1867, 20th Oct. 1868, and 24th June 1870.	12,300	19,582	7,282	.....	
District No. 11, Section I., and Ghooty Station.		50,351	91,827	41,476	.....	

District No. 11 Section II.	4th Sept. 1867, 10th Sept. 1867, 20th Oct. 1868, 8th May 1868, and 24th June 1870.	62,982	89,672	26,690	.....	
Goondacol Station	14th Jan. 1870	11,924	46,788	34,864	.....	
District No. 12	20th Nov. 1867, 20th Oct. 1868, 5th Nov. 1868, 22nd Dec. 1868, 21st Feb. 1868, 4th March 1867, 14th Jan. 1870, and 26th April 1870.	64,084	1,01,830	37,746	.....	
Joldcrashi Station	24th June 1870	18,517	20,743	2,226	.....	
District 13	31st Dec. 1868, 28th April 1869, 25th Nov. 1869, 21st Dec. 1869, and 26th April 1870.	2,38,311	1,45,514	.....	92,797	
Bellary Station	17th May 1869, 25th Nov. 1869, 3rd Feb. 1870, 26th April 1870, and 27th May 1870.	1,40,329	1,62,170	21,841	.....	
District 14	19th March 1869	1,33,509	96,798	.....	36,711	
Nuncherla Station	24th June 1870	11,848	26,089	14,241	.....	
District 15	10th Nov. 1868 and 21st Dec. 1869.	1,24,552	1,05,431	.....	19,121	
Auspre Station	24th June 1870.	13,525	26,591	13,066	.....	
District 16	9th Feb. 1869, 29th April 1869, 4th Sept. 1869, 21st Dec. 1869, and 24th June 1870.	1,37,734	1,30,202	.....	7,532	
District 17	27th May 1869 and 21st Dec. 1869.	1,29,039	81,717	.....	47,322	
Adoni Station...	27th May 1870 and 24th June 1870.	15,068	50,967	35,899	.....	
District 18	24th Sept. 1868 and 9th March 1869.	1,49,592	87,413	.....	62,179	
Kosgree Station	21st Nov. 1869 and 24th June 1870.	14,606	43,816	29,210	.....	
District 19	23rd Aug. 1869 and 24th June 1870.	2,11,261	3,12,172	1,00,911	.....	

Revised Budget Estimate for the year 1870 as prepared by the Agent and Manager, Madras Railway, etc.—(Concluded.)
NORTH-WEST LINE.

*Proceedings of the Madras Government, Public Works Department,
4th November 1870.*

Nature of Works.	Number and date of sanction.	Amount of estimate, Indian expenditure, as per printed Budget.	Estimated expenditure in 1870-71, revised.	Increase.	Decrease.	Remarks.
District 20	{ 22nd Sept. 1869, 1st April 1870, 13th June 1870, and 24th June 1870.	RS. 3,62,449	RS. 3,53,496	.....	RS. 8,953	
Matmerri Station		25,517	26,980	1,463	.....	
Electric Telegraph. Ghooty to Raichore		6,901	10,389	3,488	.....	
From Junction to Bellary	20th May 1867	2,413	4,983	2,570	.....	
Do.	Do.	.....	.....	.....	.....	
Establishments ... ..	.....	20,82,400	21,90,000	4,01,717	2,94,117	
Stores ... ..	.....	2,57,600	2,20,000	.....	37,600	
.....						
Additional sum sanctioned by the Government of India— <i>Vide</i> G. O., No. 659, dated 28th February 1870, to make up the allotment in round figures to Rupees 23,50,000. Add saving from the South-West Line		23,40,000	24,10,000	4,01,717	3,31,717	
.....		10,000	.....	.....	10,000	
.....		60,000	.....	.....	.....	
Grand Total...	.....	24,10,000	24,10,000	4,01,717	3,41,717	

(Signed) H. L. PRENDERGAST, Captain, R. E.,
Acting Consulting Engineer for Railways

MADRAS,
7th October 1870.

MADRAS RAILWAY.

List of proposed alterations of Budget allotments for the year 1870-71.

*Proceedings of the Madras Government, Public Works Department,
4th November 1870.*

From	Amount.	To.	Amount.	From.	Amount.	To.	Amount.
SOUTH-WEST LINE.	RS.		RS.	NORTH-WEST LINE.	RS.		RS.
Engine-shed, tank-house, etc.	27,204	Locomotive requirements ...	5,975	Watering arrangements, Reddipully ...	5,202	Watering arrangements, Tripetty ...	583
Traffic requirements ...	1,739	Extension of engine erecting and boiler shop ...	10,897	Do., Wontimetta ...	5,202	Fencing, District 7 ...	6,500
Store-shed ...	2	Protective works to culverts and bridges, Bangalore Branch ...	4,219	Minor Works ...	9,098	Reserve to meet unforeseen requirements ...	21,061
Renewing roof of timber-shed.	2,006	Kuddehoondy bridge ...	54,910	Do. 13 ...	92,797	Watering arrangements at Royalcherroo Station ...	7,282
Additional permanent way ...	10,895	Reserve to meet unforeseen requirements ...	60,510	Do. 14 ...	36,711	District II., Section I., and Ghooty Station ...	41,476
New smithy ...	2,219	Madras Central Station ...	15,055	Do. 15 ...	19,121	Do. 11., Section II. ...	26,690
Dwelling-houses at Jollapett Salt godown and lay-by at Colar Road...	2,750	Altered and additional works.	6,759	Do. 16 ...	7,532	Goondacal Station ...	34,864
Goods shed and siding at Cadjoody ...	8,864			Do. 17 ...	47,322	District 12 ...	37,746
Circular engine-shed, Coimbatore ...	1,820			Do. 18 ...	62,179	Polderash Station ...	2,226
Additional siding required by Traffic Department at do. ...	416			Do. 20 ...	8,953	Bellary do. ...	21,841
Two additional strands into the wire fencing ...	372			Establishment ...	37,600	Nuncherla do. ...	13,066
Renewing 410 miles of wooden poles with galvanized iron poles ...	14,600			Amount added to Budget by the Government of India ...	10,000	Auspre do. ...	35,899
Minor Works ...	28,223					Adoni do. ...	29,210
Watering arrangements, Madras Central Station ...	11,028					Kosgee do. ...	1,00,911
Nelgherry Branch ...	1,00,000					District 19 ...	1,463
Total...	2,18,305	Total...	1,58,305	Total...	3,41,717	Matmerri Station ...	3,488
				Grand Total...	5,60,022	(Telegraph) Ghooty to Raichore (Do.) Junction to Bellary ...	2,570
						Total...	401,717
						Grand Total...	5,60,022

(Signed) H. L. PRENDERGAST, Captain, R. E.,
Acting Consulting Engineer for Railways.

MADRAS,
7th October 1870.

*Proceedings of the Madras Government, Public Works Department,
4th November 1870.*

No. 80.

ORDER THEREON, 4th November 1870, No. 2,643.

RAILWAY, No. 15.

Watering arrangements at Madras Central Station. ...	Rs. 11,028
Engine-shed, tank-house, etc., Madras Terminal Station ...	27,204
New smithy at Perambore ...	10,895
Dwelling-houses for the Native staff of the Traffic Department at Jollarpet ...	2,219
Circular engine-shed at Coimbatore ...	1,820
Additional siding required by the Traffic Department at do. ...	416
Introducing two additional strands into the wire fencing in the 4th Division.	372

* Traffic requirements, Salt Cotaour Station ...	1,739
Store-shed at Perambore ...	2
Extension of engine erecting and boiler shop at do. ...	2,006
Salt godown and lay-bye at Colar Road	2,750
Goods shed and siding at Cadjoody	8,864
Renewing 410 miles of wooden poles with galvanized iron poles from Madras to Bepore ...	14,600

Locomotive requirements, Perambore.	5,975
Extension of engine erecting and boiler shop at do. ...	10,897
Protective works to culverts and bridges, Bangalore Branch ...	4,219
Kuddelchoondy bridge ...	54,910
Madras Central Station ...	15,055
Altered and additional works at do. ...	6,739

† 60,510 Rupees.

‡ Watering arrangements at Reddipully ...	5,202
Do. do. at Wontimetta ...	5,202
District 13 ...	92,797
Do. 14 ...	36,711
Do. 15 ...	19,121
Do. 16 ...	7,532
Do. 17 ...	47,322
Do. 18 ...	62,179
Do. 20 ...	8,953
Establishments ...	37,600

Additional sum sanctioned by Government of India—Vide G.O., No. 659, dated 28th February 1870 ...	10,000
Minor Works ...	9,093

§ Watering arrangements at Tripetty...	583
Fencing, District 7 ...	6,500
Watering arrangements at Royalchereroo Station ...	7,282
District No. 11, Section I., and Ghooty Station ...	41,476
Do., Section II. ...	26,690
General Station ...	34,864
District No. 12 ...	37,746
Jollabashi Station ...	2,226
Bellary do. ...	21,811
Nanchikudi do. ...	14,241

THE Budget Estimate of Indian expenditure on Railways in this Presidency for 1870-71, as passed by the Government of India, amounted to Rupees 18,50,000. It appears that since its preparation the Agent and Manager has found the details to require modification and the Acting Consulting Engineer accordingly submits a revised Budget for sanction.

2. On the South-West Line the cost of renewing the roof of a portion of a timber-shed at Perambore will, in accordance with the ruling of the Government of India, be charged to Revenue, and the Railway authorities propose to defer the execution of the works marginally noted until the ensuing official year. It is anticipated that there will be a short expenditure of Rupees 29,961 on certain works,* and that the outlay on the Neilgherry Branch will fall short of the Budget grant by a lac of Rupees. The allotment for Minor Works is reduced from Rupees 78,223 to Rupees 50,000, and the aggregate saving effected by these modifications of the Budget programme amounts to Rupees 2,18,305. Of this sum it is proposed to appropriate Rupees 1,58,305 towards meeting additional grants required for the works marginally noted, and for increasing the Budget provision under "Reserve† to meet unforeseen requirements." The balance of Rupees 60,000 it is proposed to transfer to the North-West Line.

3. By the postponement of certain works‡ on the North West Line and by a short expenditure on others, as well as by the reduction of the grant for Minor Works a saving of Rupees 3,41,717 is exhibited in the revised Budget. This amount, with the Rupees 60,000 to be transferred from the South-West Line, it is proposed to appropriate towards meeting additional grants to the works§ entered in the margin.

*Proceedings of the Madras Government, Public Works Department,
4th November 1870.*

Auspre Station ...	13,063
Adoni do. ...	35,899
Kosgee do. ...	29,210
District No. 19 ...	1,00,911
Matmerri Station ...	1,463
Ghooty to Raichore, Telegraph ...	3,488
From junction to Bellary, do. ...	2,570
Reserve to meet unforeseen requirements ...	21,661

4. As these proposals do not involve any increase of the Railway Budget assignment, His Excellency the Governor in Council resolves to sanction them on the distinct understanding that the outlay on each work does not exceed the sanctioned estimate.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,

Secretary to Government.

No. 80A.

DOCKET No. 2,643A, dated 4th November 1870.

Copy of the above forwarded to the Government of India.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,

Secretary to Government.

Ed. E. C. Shunker.

Ms. A. 9. 2. 6. 1. 20
- 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

South-West Line.

Madras Railway

List of proposed alterations of Budget allotments,
for the year 1870/71.

North-West Line

| From | Amount | To | Amount | From | Amount | To | Amount |
|--|-----------|---|----------|--|----------|---|----------|
| Engine shed, Tank house, 78 th — | Rs 27,204 | Locomotive requirements— | Rs 5,775 | Watering arrangements, Reddypally | Rs 5,202 | Watering arrangements Tripetty— | Rs 533 |
| Traffic requirements— | 1,737 | Extension of engine erecting and boiler shop— | 10,897 | Do. — Wankimittah | 5,202 | Fencing, District 7— | 6,500 |
| Store shed— | 2 | Protection works to culverts and bridges, Bangalore branch— | 4,219 | Minor works— | 9,098 | Reserve to meet unforeseen requirements— | 21,161 |
| Renewing roof of timber shed— | 6,167 | Healdalehoondy Bridge— | 54,910 | District 13— | 92,797 | Watering arrangements at, District 11 and Ghosky station— | 7,282 |
| Additional permanent way— | 2,006 | Reserve to meet unforeseen requirements— | 60,510 | Do. — 14— | 19,121 | District 11 No. I and Ghosky station— | 41,476 |
| New smithy— | 10,895 | Madras Central Station— | 15,055 | Do. — 15— | 47,322 | Do. — II No. II— | 26,690 |
| Dwelling houses at Bellary— | 22,19 | Altered and additional works— | 6,779 | Do. — 16— | 62,179 | Gondalacab station— | 34,864 |
| Salt Godawan and lay bye at Chik Road— | 2,750 | | | Do. — 17— | 8,953 | District 12— | 37,746 |
| Goods shed and siding at Coofaoddy— | 8,864 | | | Do. — 18— | 37,600 | Palderach station— | 2,226 |
| Circular engine shed Chimbato— | 1820 | | | Do. — 20— | 10,000 | Bellary — do — | 21,841 |
| Additional siding required by Traffic Department at — do — | 416 | | | Establishment— | | Kunacherla — do — | 14,241 |
| Two additional strands into the wire fencing— | 372 | | | Amount added to Budget by the Govt of India— | | Auxiliary — do — | 13,066 |
| Renewing 410 miles of wooden poles with galvanized iron poles— | 14,600 | | | | | Adoni — do — | 35,899 |
| Minor works— | 28,223 | | | | | Hooger — do — | 29,210 |
| Watering arrangements, Madras Central station— | 11,028 | | | | | District 19— | 1,00,911 |
| Neelgherry Branch— | 1,00,000 | | | | | Mudmuri station— | 1,460 |
| | | | | | | (Telegraph) Ghosky to Paichore— | 3,488 |
| | | | | | | (Do.) Junction to Bellary— | 2,570 |
| Total | 218,305 | Total | 158,305 | Total | 341,717 | Total | 401,717 |
| | | | | Grand Total | 560,022 | Grand Total | 560,022 |

Madras
7th October 1870

W. L. S. J. R. Capt. R. E.
Acting Consulting Engineer
for Railways.

Revised Budget estimate for the year 1870
Madras Railway; but, with columns 5

as prepared by the Agent and Manager, 15
and 6 added.
South West Line.

Nature of works.

No. and date
of sanction.

Amount of esti-
mate Indian
expenditure as
per printed
Budget.

Estimated
expenditure
in 1870-71
revised,

Increase Decrease Remarks.

Detail of works on the open line
estimated to cost more than Rs 10,000.

Madras Terminal Station.
Engine shed, tank house, &c.

27,204

"

27,204 Not required in this year.

Salt Cotour Branch.
Traffic requirements. ———— Sch: 2-27 Nov. 68 + 1st Sep. 1869

3,243

1,504

1,739

Perrambore Works.

Locomotive requirements ———— Sch: 2-23 Sept. 1868

1,752

7,727

5,975

Water Shed ———— " 2-7 May 1869

5656

5,654

2

Renewing roof of timber shed ———— " 2-31 March 1869

6167

"

6167 This item is chargeable to Revenue.

Extension of engine erecting & boiler shop. ———— " 2-18 May 1869

41,537

52,434

10,897

Additional Permanent way ————

3,343

1,537

2,006

New smithy ————

10,895

"

10,895 Not required in this year.

2^d Division, South West Line, Bangalore branch

Dwelling houses required for the native staff
of the Traffic Department at Jolarpett ———— Sch: 2-5 January 1869

2,219

"

2,219 Not required

Protective works to culverts & bridges, Bangalore branch ———— " 2-27 Oct. 1868

3,050

7,269

4,219

Two sidings each 500 feet long, at Jolarpett ————

3,392

3,392

"

Salt godown & lay up at Colar Road. ———— Sanctioned 2^d Sep. 1870

6,708

3,958

2,750

Goods shed and siding at Badjoody ———— do

11,135

2,271

8,864

26,301

85,546

21,091

61,846

Carried over: Rs

| Nature of works | No and date of sanction | Amount of estimate Indian expenditure as per printed Budget | Estimated expenditure in 1870-71 revised. | Increase | Decrease | Remarks. |
|--|---------------------------------|---|---|----------|----------|----------------------------|
| Brought forward | | 126,301 | 85,546 | 21,091 | 6,184 | |
| <u>3^d Division South-West Line.</u> | | | | | | |
| Circular engine shed at Coimbatore | Sch. 2-3 ^d Decr 1866 | 1,820 | " | " | 1,820 | Not required |
| Additional siding required by the Traffic Department at Coimbatore | " 2-16 February 1869 | 416 | " | " | 416 | Do |
| <u>4th Division. South West Line.</u> | | | | | | |
| Huddlehoondy Bridge | " 2-7 May 1869 | 57,980 | 1,12,890 | 54,910 | " | |
| Introducing two additional strands into the wire fencing | " 2-4 Aug 1868 | 372 | " | " | 372 | Do |
| <u>Electric Telegraph.</u> | | | | | | |
| Recurring 410 miles of wooden poles with galvanized iron poles from Madras to Bysore | | 24,600 | 10,000 | | 14,600 | ✓ |
| Total | | 211,489 | 2,08,436 | 7,600 | 79,054 | |
| Minor works | | 78,223 | 50,000 | | 28,223 | |
| Reserve to meet unforeseen requirements | | 33,054 | 93,564 | 60,510 | " | |
| Total on lines open for more than two years | | 322,766 | 352,000 | 136,511 | 1,07,277 | |
| Madras Central Station | 29 July 1867 & 17 April 1868 | 150,936 | 1,65,991 | 15,055 | " | |
| Watering arrangements at Do | | 11,028 | " | " | 11,028 | Not required in this year. |
| Altered and additional works Do | Sanctioned 2 Oct 1869 | 15,270 | 22,009 | 6,739 | " | |
| Total | | 500,000 | 5,40,000 | 1,58,305 | 1,18,305 | |
| Carried forward | | 500,000 | 5,40,000 | 1,58,305 | 1,18,305 | |

| Nature of works. | No. and date
of sanction | Amount of est.
mate Indians
expenditure as
per printed Budget. | Estimated ex-
penditure in
1870-71
revised. | Increase | Decrease | Remarks |
|---|-----------------------------|---|--|----------|----------|---|
| Brought forward.
Unopen lines and lines open less
than two years. | | 5,00,000 | 5,40,000 | 158,305 | 118,305 | |
| Neilgherry Branch line
Do Stations. | | 7,00,000 | 6,00,000 | | 1,00,000 | |
| Total | | 12,00,000 | 11,40,000 | 158,305 | 2,18,305 | |
| Establishments.
Stores. | | 1,50,000
5,00,000 | 6,50,000 | | | |
| Grand Total Rs | | 18,50,000 | 17,90,000 | 158,305 | 2,18,305 | |
| | | | | | 60,000 | Saving to be added
to North West Line. |

North-

Line.

21⁴

Nature of works

No. and date
of sanctionAmount of
estimated Indian
expenditure as
per printed
BudgetEstimated
expenditure
in 1870-71
revised

Increase

Decrease

Remarks.

Detail of works on the open line
estimated to cost more than Rs 10,000.1st Division - North West Line.

Watering arrangements at Tripetty — Sanctioned - 11 Oct. 1869.

Do Redlipully —

Do Wantemettah —

Fencing, District 7. —

Total —

Minor works —

Reserve to meet unforeseen requirements —

Total on lines open for more than two
years —Unopen lines and lines open less than
two years.Woodanoor to Todpatry, maintenance of
Todpatry to Ghooly — way & works — } 22 July 1865, 8 May 1867,
2 March 1866, 12 Dec 1866,
25 May 1866, & 31 July 1867.Watering arrangements at Royalcherappu
Station — 11 Oct 1869 & 23 May 1868.District No 11 Sec. I. and Ghooly station — } 5 June 1869, 15 July 1869, 10 Aug 69,
31 July 1867, 20 Oct 1868, & 20 June 1870.Do 11 Sec. 2 — } 4 Sep 1867, 10 Sep 1867, 20 Oct 68,
8 May 68, & 24 June 1870 —

Goondacul station — 14 January 1870

District No 12. — } 20 Nov 67, 20 Oct 68, 5 Nov 68,
22 Dec 68, 21 Feb 69, & 4 March 1869,
14 June 1870 & 26 Apr 70

Jolderashi station — 24 June 1870.

Carried forward Rs —

6,532

7,115

583

5,202

"

5,202

5,202 ✓

"

5,202

"

6,500

6,500

16,936 ✓

13,615

7,083

10,404

5,909

50,000

9,098

4,724

26,385

21,661

80,758 ✓

90,000

28,744

19,502

20,250 ✓

20,250

44,580 ✓

44,580

12,300

19,582

7,282

50,351

91,827

41,476

62,982

89,672

26,690

11,924

46,788

34,864

64,084

101,830

37,746

18,517

20,743

2,226

365,746

525,272

179,028

19,502

Not required in
this year.

CONSULTING ENGINEER'S OFFICE.

Railway Department.

No. 344

From

Captain H. F. Prindergast, R.E.,
Consulting Engineer for Railways.

To

Colonel C. A. Orr, R.E.,
Secretary to Government,
Public Works Department,
Fort Saint George.

SIR,

The Agent and Manager
of the Madras Railway, has found,
that he requires a good many al-
lotments in the specific Budget
allotments for Districts, and other
separate works, inasmuch as excep-
tion is taken by this Department
to expenditure in excess of allotments
on each Budget item. A revised
Budget for the year has accordingly
been prepared, for which the

Madras
2/2/90
H. F. Prindergast

Agent requests sanction. I have added 2 columns shewing, the increase, and decrease proposed, as compared with the printed Budget. This statement shews in detail, the whole of the desired changes of allotments; but I have also prepared another list exhibiting under two heads, merely the amounts that are surrendered from different works, against those that are demanded for other works: and I request the sanction of Government for this interchange of allotments amounting in the aggregate to Rs 5,60,022.

2. I have considered that an Imperial Railway

27

Budget, as sanctioned by the Government of India, cannot be revised as a whole, without being submitted to the Government of India. As however there is no proposed alteration of the amount granted for Construction in the Budget Form B, taking the South-West and North-West Lines together, but only changes of amounts in certain items, I recommend that the sanction of Government be accorded to the alteration of allotments as given in my list.

3. From the Statement, (Budget Form), it is seen, that there are 5 items, in the printed Budget, amounting to Rs 59,531.

27
that are not required in the current official year. Provision for these works is made in the Budget now under examination for next official year. One work, "renewal of roof of timber shed," Rs 6167, is struck out of the Budget, as the charge has been made debitable to Revenue; and on four other items, there are balances of Rs 1,827 that are savings on estimates. There is thus a sum of Rs 70,525 surrendered, as not required.

Under "establishment" on the North-West Line, there is an anticipated saving of Rs 37,600.

There were two omissions in the Budget list, as originally

drawn up, inasmuch as it was not specified that expenditure was required to complete the Royal-chervoo station, as well as the watering arrangements at that station, nor was mention made of the Ghooty station, which comes under District XI section I of the North-West Line.

A sum of Rs 54,910 is asked for, on account of the Kuddelhoondy bridge: this work is actually completed. There is a demand of Rs 60,510 as reserve, to meet unforeseen requirements; and of Rs 100,911 for District 19 North-West Line, which includes the large bridge over the Soongabuddra. The other

items of additional requirements
are of smaller amounts; and
comprise all the Stations, on the
unopened portion of the North-
West Line: as these buildings
^{being} are carried on, with a view to
their being in readiness for the
further opening of the Line,
both to Raichore and to
Bellary.

I have the honour to be

Sir,

Madras

7th October

1870.

} your most obedient servant,

Wm. P. S. & Co. Captain, R.E.,

As Consulting Engineer for Railways.

Additional requirements

M 1870 Dept
Pro of port for 1870

RAILWAY DEPARTMENT.

No 2976

From

The Consulting Engineer
for Railways,

To

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

Dated 7th } October 1870.
Received 7th }

No. 944 -

Encls: 2

Submitting the
Revised Budget esti-
mate, made as at
for the year 1870-71.

No 2643-2643-442

No 79

Oct 7/70 No 21

No 2643 P. W. D.
Proceedings of the Madras Government

Read the following
from

The Consulting Engineer } (H. E. No 3947/7 Oct 7/70)
for Railways }

The Budget estimate
of Indian expenditure on
Railways in this Presidency
for 1870/71, as passed by the
Govt of India, amounted
to Rs 18,50,000. It appears
that since its preparation
the Agent and Manager
has found the details to
require modification and
the Acting Com Engineer
accordingly submits a
revised Budget for sanction.
On the South West
line the cost of renewing the
roof of a portion of a timber
shed

shed at Perambare will, in accordance with the ruling of the Govt of India, be charged to Revenue and the Railway authorities propose to defer the execution of the work marginally noted until the ensuing official year. It is anticipated that there will be a short expenditure of Rs 29,961 on certain works and that the outlay on the Salkherry branch will fall short of the Budget grant by a lac of Rupees. The allotment for minor works is reduced from Rs 78,223 to Rs 50,000 and the aggregate saving effected by these modifications of the Budget programme

| | |
|--|-----------|
| Watering arrangements at Madras Central Station | Rs 11,038 |
| Engine shed tank house & terminal station | 27,204 |
| Draw, Smithy at Perambare | 10,895 |
| Dwelling houses for the native Staff of the Traffic Department at Jollapet | 2,219 |
| Circular Engine shed at Coimbatore | 18,20 |
| Additional siding required by the Traffic Dept. at | 416 |
| Introducing two additional strands into the wire fencing in the 4th division. | 372 |
| * Traffic requirements Saltolar station | 1,139 |
| Store shed at Perambare | 2 |
| Extension of engine erecting and boiler shop | 2,006 |
| Salt godown and lay bye at Solar Road | 2,750 |
| Goods shed and siding at Caljindy | 8,864 |
| Renewing 410 miles of wooden poles with galvanised iron poles from Madras to Raypore | 14,600 |

| | | |
|--|-----------|---|
| Locomotive requirements | Rs 5,775 | amounts to Rs 2,48,305 of the sum it is proposed to appropriate Rs 1,58,305 towards meeting additional grants required for the works marginally noted, and for increasing the Budget provision under Revenue to meet unforeseen requirements. |
| Extension of engine erecting and boiler shop | 10,897 | |
| Protective works to culverts and bridges Bangalore Branch | 4,219 | |
| Kuddehondy Bridge | 54,910 | |
| Madras Central station | 15,055 | |
| Alter & additional works at | 6,739 | |
| | 60,510 Rs | |
| Watering arrangements at Paddipally | 5,202 | |
| do do at Franklinth | 5,202 | |
| District 13 | 22,797 | |
| do 14 | 86,711 | |
| do 15 | 19,121 | |
| do 16 | 7,532 | |
| do 17 | 47,322 | |
| do 18 | 62,177 | |
| do 20 | 8,953 | |
| Establishments | 37,600 | |
| Additional sum sanctioned by Govt of India. Title G.O. No. 659 of 28 February 1870 | 10,000 | |
| Minor works | 9,098 | |

By the postponement of certain works on the North West Line and by a short expenditure on others as well as by the reduction of the grant for minor works a saving of Rs 3,41,717 is exhibited in the revised Budget. This amount, with the Rs 60,000 to be transferred

transferred from the South
West Line it is proposed to
appropriate towards meeting
additional grants to the
work entered in the margin.
As these proposals
do not involve any
increase of the Railway
Budget assignment, His
Excellency the Governor
in Council resolved to
sanction them on the
distinct understanding
that the salary on each
work does not exceed

| | |
|---|--------|
| Watering arrangements | Rs |
| at Shipetty | 583 |
| Fencing, District 7 | 6500 |
| Watering arrangements at | |
| Rajalcheruvu station | 282 |
| District No II Sec I and Ghooly | |
| Station | 41476 |
| Do Sec II | 26690 |
| Goondacul station | 34864 |
| District No 12 | 37746 |
| Jolemshi station | 2226 |
| Bellary Do | 21841 |
| Nancherla Do | 14241 |
| Anupree Do | 13066 |
| Adoni Do | 35399 |
| Hosage Do | 27210 |
| District No 19 | 100911 |
| Munimori station | 1463 |
| Post to Raichore. Telegraph | 3488 |
| Post junction to Bellary. Do | 2570 |
| Post to meet unforeseen require-
ments | 21661 |

the sanctioned estimate

204347

Robert S.

Copies of the above forwarded
to the Govt of India.

[Signature]

To the Engin. for
Railways
Dated 9/11/70.

Authorized sign. to Govt. Secy. to Govt.

C/23976

Govt. of Madras.

PUBLIC WORKS.

To The Acting Consulting Engineer
for Railways
and
To the Secretary to the Govt.
in India

Date

Re

2

4 Nov 1870 2643-2643

Nos 79-80 & 80A

Budget Estimate (Railways) -

The revised Budget estimate
of the Madras Railway for
1870/71, sanctioned with
remarks.