Public Works (1899.) Department.

RAILWAY BRANCH.

G.O., No. 612–13. Ry

DATED 30th May 1899

Proof rcd 80/3/20/35

[Despatch Abstract.]

Open Capital Sanctions

Ordered that the lists of ——— of the Engineering, Locomotive & Telegraph Traffic Departments, of ~~the~~ Madras Railway, for the quarter ending the 30th June 1899, be forwarded to the Government of India.

Forwarding copy of Proceedings embodying the lists of ——— of the Engineering, Locomotive and Telegraph Depts., M. Ry, for the quarter ending 30th June 1899.

[P. W. 26. 100—30-3-99.]

Indexed

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

96
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Time

RAILWAY.

Government (1899) of Madras.

PUBLIC WORKS.

Recd. } 1899.
Regd.

Enclosures
Spare copies

G.O., Nos. 612, 613 Ry., 30th May 1899.

MAY.

Open Capital Sanctions

Forwarding copy of Proceedings embodying the lists of — of the Engineering, Locomotive and Telegraph Departments, Madras Railway, for the quarter ending 30th June 1899.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following papers :—

From—The Agent and Manager, Madras Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—18th April 1899, No. 11581/436.

From—The Agent and Manager, Madras Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—29th April 1899, No. 11581/484.

ENCLOSURES.

MADRAS RAILWAY.

CURRENT.

PART I.—List of Open Capital Sanctions for the quarter ending 30th June 1899.

A.—No works to be carried out after date on which sanction closes without renewal of sanction which should be applied for at least one month before lapse of sanction.
B.—Bills for works to be passed within three months from date of sanction closing, any subsequently submitted to be accompanied by explanations of delay and dealt with at official meeting at which the Consulting Engineer is present, before audit.
C.—Expenditure on Capital works not in the list will not be passed unless formal sanction has been received during the quarter.

NOTE.—Revenue expenditure is shown in block type.

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to January 1899.			Allotment for current year (1899-1900).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks or progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
1	..	719 Ry.	13th May 1898.	Government Order.	Extra accommodation to Chief Auditor's office over Ticket Printing office at	Rayapuram ..	6,790 **546**	4,528 ..	11,318 **546**	2,414 **272**	5,032 **2**	7,446 **274**	2,000	872	2,872	..	..	..	30th June 1899.	Sanction for a re-allocation of the estimate will be obtained at an official meeting.
2	..	1164 Ry.	22nd Sept. ,,	Do.	Additional rooms for Audit office on third storey to replace rooms on ground floor to be acquired for records at	Do. ..	5,063 **10**	9,229 **163**	14,292 **173**	55 ..	2,763 ..	2,818 ..	3,508	3,463	6,971	..	..	..	30th Sept. 1899.	
3	2 M.R. of 1899.	041 R.C. 264 Ry.	16th Feb. 1899. 6th Mar. ,,	Government of India. Government Order.	Extension of Madras Railway from Rayapuram to joint station opposite General Post office on the Beach.	Madras ..	35,079 **2,896**	37,694 ..	72,773 **2,896**	.. ..	3,882 ..	3,882 ..	34,000	30,000	64,000	..	..	..	31st Mar. 1900.	
4	..	1020 Ry.	10th Aug. 1898.	Government Order.	Medical Officer's bungalow at ..	Perambur ..	5,381	4,219	9,600	14	4,287	4,301	3,000	1,000	4,000	..	..	..	30th Sept. 1899.	Sanction for a re-allocation of the estimate will be obtained at an official meeting.
5	..	1072 Ry.	20th ,, ,,	Do.	Second Assistant Locomotive Superintendent's bungalow at	Do. ..	4,329	2,871	7,200	2,607	2,751	5,358	722	20	742	..	..	..	Do.	
6	..	552	17th Feb. 1899.	Consulting Engineer.	Stationmaster's house at	Central Station.	2,518 **479**	1,722 ..	4,240 **479**	.. ..	.. ..	.. ..	2,000	1,500	3,500	..	..	..	31st Mar. 1900.	
7	..	819	9th Mar. ,,	Do.	Reading-room at	Do.	3,027	1,589	4,616	..	..	..	2,900	1,400	4,300	..	..	..	Do.	
8	..	937	1st April 1898. 18th ,, 1899.	Do. M.O.M.	Transfer of Telegraph Workshops to new site at	Arkonam ..	1,378 **3,658**	2,953 ..	4,331 **3,658**	1,046 **3,024**	3,522 **132**	4,568 **3,156**	..	..	..	..	..	..	30th June 1899.	No expenditure is likely to be brought to account in the official year 1899–1900 under Capital portion of the estimate. Sanction for the excess over the estimate under Capital will be obtained.
9	..	513 Ry.	1st April 1898. 18th ,, 1899.	Government Order. M.O.M.	Converting existing Telegraph workshop and store-yards into quarters for weigh-bridge, fitter and power house for electric lighting at	Do. ..	3,970 **362**	1,333 ..	5,303 **362**	1,809 **303**	2,341 **Cr. 33**	4,150 **270**	..	100	100	..	..	..	Do.	Sanction for a re-allocation of the estimate will be obtained.
10	..	2803	11th Oct. 1898..	Consulting Engineer.	New siding for ballast wagons at ..	Do. ..	382	3,504	3,886	304	2,496	2,800	40	500	540	..	..	..	Do.	
11	..	3786	11th Dec. 1897. 1st July 1898. 6th Dec. ,, 7th Mar. 1899.	Do M.O.M. Do. Do.	Interlocking points and signals at	Munnal ..	223 **12**	2,246 **288**	2,469 **300**	19 ..	41 ..	60 ..	150	1,500	1,650	..	..	..	Do.	
12	..	2728	27th Aug. 1895. 28th Feb. 1896. 30th Sept. ,, 2nd Dec. ,, 3rd ,, 1897. 6th ,, 1898.	Consulting Engineer. M.O.M. Do. Do. Do. Do.	Six houses for subordinate staff at ..	Arcot ..	805	429	1,234	393	532	925	..	..	..	..	..	..	31st Mar. 1899.	Sanction for a re-allocation of the estimate will be obtained. Work completed, but accounts not closed.
13	..	1976	8th July ,, 7th Mar. 1899.	Consulting Engineer. M.O.M.	Stationmaster's house at ..	Vinnamangalam.	753	525	1,278	..	..	..	600	400	1,000	..	..	..	30th June 1899.	
14	..	4 R.	4th Jan. 1897. 25th Mar. 1898. 1st July ,, 13th Sept ,, 6th Dec. ,,	Government Order. M.O.M. Do. Do. Do.	Additional water-supply at ..	Jalarpet ..	6,572	4,322	10,894	3,423	3,575	6,998	..	..	..	..	..	..	31st Mar. 1899.	Do. do.

Part I.—List of Open Capital Sanctions for the quarter ending 30th June 1899—*cont.*

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to January 1899.			Allotment for current year (1899–1900).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks or progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
15	..	3292	2nd Dec. 1898.	Consulting Engineer.	Double bungalow for family guards at	Jalarpet ..	3,355	1,603	4,958	..	..	..	3,000		4,500	..	..	..	31st Dec. 1899.	
16	..	283	28th Jan. ,, 13th Sept. ,, 7th Mar. 1899.	Do. M.O.M. Do.	Additional sidings at ..	Mallanur ..	477	2,912	3,389	278	2,656	2,934	150	100	250	..	..	..	30th June 1899.	
17	..	412 Ry.	15th Mar. 1898. 7th Mar. 1899.	Government Order. M.O.M.	Station-house, &c., at	Bisanatham.	2,533 4	3,529 124	6,062 128	621 ..	2,642 203	3,263 203	1,412	500	1,912	..	..	..	Do.	
18	..	2955	11th Sept. 1897. 25th Mar. 1898. 1st July ,, 13th Sept. ,, 6th Dec. ,, 7th Mar. 1899.	Consulting Engineer. M.O.M. Do. Do. Do. Do.	Signal arrangements at	Bowringpet.	316 15	2,725 247	3,041 262	154 24	1,577 370	1,731 394	100	1,000	1,100	..	..	..	Do.	
19	..	3867	18th Dec. 1897. 1st July 1898. 13th Sept. ,, 6th Dec. ,, 24th Jan. 1899. 7th Mar. ,,	Consulting Engineer. M.O.M. Do. Do. Do. Do.	Raising and increasing capacity of locomotive tank at	Do. ..	2,029 595	880 47	2,909 642	1,353 552	959 68	2,312 620	200	100	300	..	..	..	Do.	Sanction for a re-allocation of the estimate will be obtained at an official meeting.
20	..	964 R.	14th Nov. 1896. 28th May 1897. 29th Sept. ,, 3rd Dec. ,, 1st July 1898. 13th Sept. ,,	Government Order. M.O.M. Do. Do. Do. Do.	Watering arrangements at ..	Whitefield ..	3,105	14,873	17,978	1,424	19,064	20,488	..	..	..	..	..	..	31st Dec. 1898.	Work completed, but accounts not closed. Sanction for the excess over the estimate will be obtained.
21	6 M.R. of 1896.	1340 R.C. 1831 R.C. 1041 R.	8th Sept. 1896. 4th Dec. ,, 14th ,, ,, 13th Sept. 1898.	Government of India. Do. Government Order. M.O.M.	Alterations and additions to City Station	Bangalore ..	2,19,939 32,727	1,74,413 3,351	3,94,352 36,078	2,06,839 24,615	1,16,154 6,553	3,22,993 31,168	11,100	50,000	61,100	..	..	..	30th June 1899.	
22	..	2699	1st Oct. ,, 18th April 1899.	Consulting Engineer. M.O.M.	Native latrine at City Station ..	Do. ..	1,878	1,253	3,131	241	..	241	1,378	1,000	2,378	..	..	..	Do.	
23	..	1008	8th April 1898.	Consulting Engineer.	Additional wrought iron tank at ..	Buddireddipatti.	30	1,082	1,112	30	1,084	1,114	..	..	..	..	..	..	31st Dec. 1898.	Work completed, but accounts not closed. Sanction for the excess over the estimate will be obtained.
24	..	3293	2nd Dec. ,,	Do.	Double bungalow for family guards at	Podanur ..	3,046	1,604	4,650	..	..	..	2,800	1,400	4,200	..	..	..	31st Dec. 1899.	
25	..	3222	15th Oct. 1897. 3rd June 1898. 6th Dec. ,,	Do. M.O.M. Do.	Strengthening two 64-feet girders by inserting central masonry piers at 307/17 mile	Nilgiri Branch	817 817	213 212	1,030 1,029	443 443	212 212	655 655	370	..	370	..	..	..	30th June 1899.	
26	..	,,	15th Oct. 1897. 3rd June 1898. 6th Dec. ,,	Consulting Engineer. M.O.M. Do.	Strengthening two 64-feet girders by inserting central masonry piers at 312/13 mile	Do. ..	955 955	213 212	1,168 1,167	574 574	211 211	785 785	300	..	300	..	..	..	Do.	
27	..	,,	15th Oct. 1897. 3rd June 1898. 6th Dec. ,,	Consulting Engineer. M.O.M. Do.	Strengthening two 64-feet girders by inserting central masonry piers at 314/10 mile	Do. ..	996 996	213 212	1,209 1,208	575 575	28 28	603 603	300	100	400	..	..	..	Do.	
28	..	3515	17th Nov. 1897. 3rd June 1898. 6th Dec. ,,	Consulting Engineer. M.O.M. Do.	Strengthening four 64-feet girders by inserting central masonry piers at 313/12 mile	Do. ..	2,733 2,732	425 425	3,158 3,157	1,795 1,831	57 58	1,852 1,889	800	200	1,000	..	..	..	Do.	Adjustment of expenditure in equal proportion between Capital and Revenue will be made subsequently.
29	..	,,	17th Nov. 1897. 3rd June 1898. 6th Dec. ,,	Consulting Engineer. M.O.M. Do.	Strengthening four 64-feet girders by inserting central masonry piers at 321/13 mile	Do. ..	2,343 2,342	425 426	2,768 2,768	712 748	56 56	768 804	1,400	200	1,600	..	..	..	Do.	Do. do.

Part I.—List of Open Capital Sanctions for the quarter ending 30th June 1899—*cont.*

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to January 1899.			Allotment for current year (1899–1900).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks or progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
30	..	3515	17th Nov. 1897. 3rd June 1898. 6th Dec. ,,	Consulting Engineer. M.O.M. Do.	Strengthening four 64-feet girders by inserting central masonry piers at 308/7 mile	Nilgiri Branch.	3,087 **3,087**	425 **425**	3,512 **3,512**	1,381 **1,381**	328 **328**	1,709 **1,709**	1,500	..	1,500	..	..	..	**30th June 1899.**	
31	..	1977	8th July ,,	Consulting Engineer.	Additional rooms to guard's bungalow at	Calicut ..	1,096 **330**	220 ..	1,316 **330**	977 **273**	399 ..	1,376 **273**	..	..	..	..	..	..	**31st Mar. 1899.**	Work completed, but accounts not closed. Sanction for the excess over the Capital portion of the estimate will be obtained.
32	..	808	8th Mar. 1899.	Do.	Renewing platform fence at ..	Ferok ..	100 **154**	1,650 **113**	1,750 **267**	.. ..	.. ..	.. ..	80	1,500	1,580	..	..	..	**30th Sept. 1899.**	
33	..	2689	30th Sept. 1898.	Do.	Additional rooms for stationmaster's bungalow at	Calicut ..	695 **81**	410 ..	1,105 **81**	229 75	403 ..	632 75	..	..	..	..	..	..	**31st Mar. 1899.**	Work completed, but accounts not closed.
34	..	2834	14th Oct. ,,	Do.	Four houses for Native stationmasters.	South-West Line.	2,715	1,738	4,453	677	1,734	2,411	1,715	..	1,715	..	..	..	**30th June 1899.**	
35	..	416 R.	25th June 1897. 1st July 1898. 13th Sept. ,, 6th Dec. ,, 7th Mar. 1899.	Government Order. M.O.M. Do. Do. Do.	Station-house, &c., at	Ponpadi ..	5,362	4,095	9,457	1,519	1,523	3,042	3,000	2,000	5,000	..	..	..	**30th Sept. 1899.**	
36	..	522 R.	15th Aug. 1895. 24th Jan. 1896. 29th May ,, 2nd Dec. ,, 25th June 1897. 29th Sept. ,, 29th Oct. ,, 28th Jan. 1898. 25th Mar. ,, 1st July ,, 13th Sept. ,, 6th Dec. ,, 7th Mar. 1899.	Government Order. M.O.M. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do.	Interlocking points and signals at.	Nagari ..	830 ..	8,462 **132**	9,292 **132**	1,325 ..	8,454 **132**	9,779 **132**	..	..	..	..	..	..	**30th June 1899.**	No expenditure is likely to be brought to account in 1899–1900. Sanction for the excess over the estimate will be obtained.
37	..	2330	16th Aug. 1898. 7th Mar. 1899.	Consulting Engineer. M.O.M.	Water-supply for staff quarters and platform at	Nandalur ..	310	997	1,307	66	1,622	1,688	200	..	200	..	..	..	**Do.**	Sanction for the excess over the estimate will be obtained.
38	..	2341	17th Aug. 1898.	Consulting Engineer.	Grouping points at ..	Do. ..	118	1,109	1,227	112	932	1,044	..	..	..	..	..	..	**31st Mar. 1899.**	Work completed, but accounts not closed.
39	1 M.R. of 1898.	899 R.C. 907 Ry.	28th June ,, 11th July ,,	Government of India. Government Order.	Additional sidings, engine-shed and staff quarters at	Do. ..	29,371 **25,151**	21,828 **10,069**	51,199 **35,220**	29,371 **24,949**	23,778 **8,273**	53,149 **33,222**	..	..	..	..	..	..	**31st Dec. 1898.**	Work completed, but accounts not closed. Certain adjustment will be made for the excess over the Capital portion of the estimate and sanction for the balance will be obtained.
40	..	866	13th Mar. 1899.	Consulting Engineer.	Apothecary's bungalow and dispensary at	Do. ..	1,926	671	2,597	..	..	..	1,800	500	2,300	..	..	..	**30th Sept. 1899.**	
41	..	898	16th „ „	Do.	Cross-over road, &c., at	Do. ..	259 **295**	1,758 ..	2,017 **295**	.. ..	.. ..	.. ..	200	1,600	1,800	..	..	..	**Do.**	
42	..	913	16th „ „	Do.	Ballast wagon siding at	Renigunta ..	1,103	1,362	2,465	..	..	..	1,000	1,200	2,200	..	..	..	**Do.**	
43	..	495	13th Feb. 1899.	Do.	Alteration of sidings at	Razampeta ..	557 **382**	1,407 ..	1,964 **382**	.. ..	.. ..	.. ..	400	1,200	1,600	..	..	..	**Do.**	
44	..	130 Ry.	24th Jan. 1898. 18th April 1899.	Government Order. M.O.M.	Station-house, &c., at	Yerragudipad.	7,834	4,176	12,010	5,921	1,867	7,788	1,000	1,000	2,000	..	..	..	**30th June 1899.**	
45	..	410 R.	19th June 1897. 1st July 1898. 13th Sept. ,, 24th Jan. 1899.	Government Order. M.O.M. Do. Do.	Station-house, &c., at	Kalamala ..	7,121	5,387	12,508	7,389	5,237	12,626	..	..	..	..	..	..	**31st Mar. 1899.**	Work completed, but accounts not closed. Sanction for the excess over the estimate will be obtained.

Part I.—List of Open Capital Sanctions for the quarter ending 30th June 1899—*cont.*

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to January 1899.			Allotment for current year (1899–1900).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks or progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
46	..	3222	15th Oct. 1897. 1st July 1898. 13th Sept. ,,	Consulting Engineer. M.O.M. Do.	Strengthening four 64-feet girders by inserting central masonry piers at 232/3 mile.	North-West Line.	2,010 2,010	425 425	2,435 2,435	1,673 1,673	749 748	2,422 2,421	..	..	..	..	..	..	31st Dec. 1898.	Work completed, but accounts not closed. Sanction for a re-allocation of the estimate will be obtained.
47	..	,,	15th Oct. 1897. 1st July 1898. 13th Sept. ,, 6th Dec. ,, 7th Mar. 1899.	Consulting Engineer. M.O.M. Do. Do. Do.	Strengthening two 64-feet girders by inserting central masonry piers at 232/10 mile.	North-West Line.	833 832	212 213	1,045 1,045	87 87	398 398	485 485	300	100	400	..	..	..	30th June 1899.	Sanction for a re-allocation of the estimate will be obtained at an official meeting.
48	..	,,	15th Oct. 1897. 1st July 1898. 13th Sept. ,, 6th Dec. ,,	Consulting Engineer. M.O.M. Do. Do.	Strengthening two 64-feet girders by inserting central masonry piers at 142/10 mile.	North-West Line.	651 650	212 213	863 863	636 636	366 366	1,002 1,002	..	..	..	..	..	..	31st Mar. 1899.	Work completed, but accounts not closed. Sanction for the excess over the estimate will be obtained.
49	..	1568	1st June ,, 6th Dec. ,, 7th Mar. 1899.	Consulting Engineer. M.O.M. Do.	Strengthening two 64-feet girders by inserting central masonry piers at 248/15 mile.	North-West Line.	955 954	212 213	1,167 1,167	53 53	350 350	403 403	64	..	64	..	..	..	30th June 1899.	Sanction for a re-allocation of the estimate will be obtained.
50	..	,,	1st June 1898. 6th Dec. ,, 7th Mar. 1899.	Consulting Engineer. M.O.M. Do.	Strengthening four 64-feet girders by inserting central masonry piers at 248/9 mile.	North-West Line.	1,910 1,910	425 425	2,335 2,335	314 314	221 221	535 535	500	100	600	..	..	..	Do.	
51	..	,,	1st June 1898. 6th Dec. ,, 7th Mar. 1899.	Consulting Engineer. M.O.M. Do.	Strengthening four 64-feet girders by inserting central masonry piers at 263/3 mile.	North-West Line.	1,767 1,766	425 425	2,192 2,191	6 6	578 578	584 584	1,300	100	1,400	..	..	..	30th Sept. 1899.	Sanction for a re-allocation of the estimate will be obtained.
52	..	823	9th Mar. 1899.	Consulting Engineer.	Alteration of sidings at	Reddipalli ..	1,092 230	3,014 ..	4,106 230	.. ..	.. ..	.. ..	1,000	2,500	3,500	..	..	..	Do.	
53	..	898 Ry.	7th July 1898.	Government Order.	Locomotive Workshop, alteration of Locomotive sidings, and new 50-feet engine turn-table in lieu of the existing 40-feet one at	Gooty ..	1,877 2,875	11,195 4,603	13,072 7,478	1,232 1,310	2,888 5,183	4,120 6,493	500	7,000	7,500	..	..	..	Do.	
54	..	2939	26th Oct. ,,	Consulting Engineer.	Extension of lay-bye, &c., at ..	Molagavalli.	145 108	1,302 ..	1,447 108	1 ..	44 ..	45 ..	100	1,200	1,300	..	..	..	30th June 1899.	
55	..	208 R.	26th Mar. 1897. 26th Aug. ,, 13th Sept. 1898. 6th Dec. ,,	Government Order. M.O.M. Do. Do.	Alterations to Home signals so that their arms will fly to danger on any connection breaking.	South-West and North-West Lines.	4,185	4,340	8,525	3,930	5,049	8,979	..	..	..	..	..	..	Do.	Sanction for the excess over the estimate will be obtained. No expenditure will be brought to account in 1899–1900.
56	..	1295	8th April 1897. 28th Jan. 1898. 6th Dec. ,, 7th Mar. 1899.	Consulting Engineer. M.O.M. Do. Do.	Fitting Annett's locks to facing points.	Do.	989	731	1,720	..	..	..	900	600	1,500	..	..	..	Do.	
57	..	1159 R.	17th Dec. 1897. 3rd June 1898. 1st July ,, 29th ,, ,, 7th Mar. 1899.	Government Order. M.O.M. Do. Do. Do.	Twenty-two houses for traffic subordinates.	Do.	4,630	2,760	7,390	1,047	2,281	3,328	3,000	260	3,260	..	..	..	Do.	
58	..	1169 Ry.	23rd Sept. 1898. 7th Mar. 1899.	Government Order. M.O.M.	Making and fitting Whitney's point bolt locks to points of blind sidings running off the main line and trapping points as recommended by Siding Committee.	South-West and North-West Lines.	1,177 43	5,683 301	6,860 344	.. ..	.. 5	.. 5	800	3,000	3,800	..	..	..	Do.	

Part I.—List of Open Capital Sanctions for the quarter ending 30th June 1899—*cont.*

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to January 1899.			Allotment for current year (1899-1900).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks or progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
59	..	1562 Ry.	19th Dec. 1898.	Government Order.	Proposed 25 houses for subordinate staff of Traffic Department.	South-West and North-West Lines.	4,491	2,935	7,426	..	..	..	4,000	2,000	6,000	..	..	..	30th June 1899.	
60	..	1180	13th April 1899.	Consulting Engineer.	Pitching bank in tank to bring it level with 7 feet cess at 10/3-13 miles.	South-West Line.	1,089	..	1,089	..	..	..	1,089	..	1,089	..	..	..	31st Dec. 1899.	
61	..	1243	18th " "	Do.	Level crossing gates in lieu of the existing ones at 1/5, 1/9 and 2/7 miles.	South-West Line.	1,412 155	2,361 168	3,773 323	..	..	..	1,412	2,361	3,773	..	..	..	Do.	
62	..	1320	24th " "	Do.	Signalling arrangements at ..	Guntakal ..	588	1,817	2,405	..	..	..	588	1,817	2,405	..	..	..	Do.	
					Chief Auditor's Department.															
63	..	1812	20th June 1898.	Consulting Engineer.	One oil-gas engine and accessories for the Ticket Printing office at	Rayapuram.	2,200	..	2,200	..	..	..	..	..	..	..	..	..	31st Mar. 1899.	Accounts not closed.
					Total ..		..	..	..	..	..	..	98,678	1,26,893	2,25,571	..	..	..		

Comparison of quarterly list of Open Capital Sanctions ending 30th June 1899 with Capital Budget grant for 1899-1900.

—	Expenditure as per Auditor's books in current year against allotment.		
	Cash.	Stores.	Total.
	RS.	RS.	RS.
Outlay during 1899-1900 on completed works as per this list ..	..	..	..
Allotment for works in progress	98,678	1,26,893	2,25,571
Total ..	98,678	1,26,893	2,25,571
Provision in the preliminary budget for 1889-1900 ..	2,93,645	3,25,912	6,19,557
Balance available for further allotment ..	1,94,967	1,99,019	3,93,986

J. M. EWING,
for Chief Engineer.

Chief Engineer's Office,
13th April 1899.

F. DUNSTERVILLE,
Chief Auditor.

F. G. HEAVEN,
Govt. Exr. of Ry. Accounts.

L. S. MOSS,
Agent and Manager.

Francis J. E. Spring,
Consulting Engineer for Railways.

Part II.—The following works have been completed since the submission of Open Capital Sanction List for the quarter ending 31st March 1899, and have accordingly been struck out of the list for the quarter ending 30th June 1899:—

Note.—Revenue expenditure is shown in block type.

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to January 1899.			Allotment for current year (1899–1900).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks or progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
1	..	728 R.	24th Sept. 1897. 13th ,, 1898. 24th Jan. 1899. 7th Mar. ,,	Government Order. M.O.M. Do. Do.	Alteration of sidings, &c., at ..	Rayapuram ..	1,456 **3,595**	4,331 **428**	5,787 **4,023**	1,456 **3,595**	3,938 **428**	5,394 **4,023**	..	..	..	..	..	..	31st Dec. 1898.	
2	..	871	25th Mar. 1898.	Consulting Engineer.	Extension of through siding at Washermanpet to connect lay-bye at	Do. ..	200	1,955	2,155	93	1,841	1,934	..	..	..	..	..	..	30th Sept. 1898.	
3	2 M.R. of 1896.	104 R.C. 117 R.	27th Jan. 1896. 13th Feb. ,, 25th Mar. 1898.	Government of India. Government Order. M.O.M.	Extension of erecting shed, Foreman's office and tool stores at	Perambur ..	20,211 **4,877**	17,335 ..	37,546 **4,877**	13,426 **4,876**	15,940 ..	29,366 **4,876**	..	..	..	..	..	..	Do.	
4	..	1650	6th June ,,	Consulting Engineer.	Extension of ballast-siding at ..	Tiruvallur ..	1,364 **5**	1,372 ..	2,736 **5**	1,258 **5**	1,267 ..	2,525 **5**	..	..	..	..	..	..	31st Dec. 1898.	
5	..	870	25th Mar. ,, 13th Sept. ,, 18th April 1899.	Consulting Engineer. M.O.M. Do.	Converting Travelling Auditor's bungalow into school-room and mistress' quarters at	Arkonam ..	461 **150**	873 ..	1,334 **150**	461 **124**	873 ..	1,334 **124**	..	..	..	..	..	..	Do.	
6	..	1469	23rd May 1898.	Consulting Engineer.	Wall for timber yard at	Do. ..	3,200 **35**	.. ..	3,200 **35**	2,531 **35**	.. ..	2,531 **35**	..	..	..	..	..	..	Do.	
7	..	936	1st April 1898. 18th Oct. ,, 7th Mar. 1899.	Consulting Engineer. M.O.M. Do.	Wooden paling on platform in lieu of wire-fence at	Virinchipuram	36 **1**	1,348 **88**	1,384 **89**	36 **1**	1,348 **88**	1,384 **89**	..	..	..	..	..	..	Do.	
8	..	725	4th Mar. 1896. 28th Oct. ,, 28th Jan. 1898. 1st July ,,	Consulting Engineer. M.O.M. Do. Do.	Strengthening girders of bridge at 175/16 miles at	Bangalore Branch.	375 **1,686**	2,429 **2,900**	2,804 **4,586**	39 **1,256**	20 **3,220**	59 **4,476**	..	..	..	..	..	..	30th Sept. 1898.	
9	..	3868	18th Dec. 1897.	Consulting Engineer.	Double bungalow for family guards at	Podanur ..	* 2,793	* 1,824	4,617	2,571	1,823	4,394	..	..	..	..	..	..	31st Dec. 1898.	
10	..	408	10th Feb. 1898. 7th Mar. 1899.	Consulting Engineer. M.O.M.	Refreshment-room, &c., at ..	Gooty ..	672 **141**	974 ..	1,646 **141**	672 **141**	974 ..	1,646 **141**	..	..	..	..	..	..	30th Sept. 1898.	
11	..	428	12th Feb. 1898.	Consulting Engineer.	Engineering subordinate's quarters at	Guntakal ..	1,076	428	1,504	1,075	387	1,462	..	..	..	..	..	..	Do.	
12	..	1813	20th June 1898.	Consulting Engineer.	Quarters for intercommunication staff of Telegraph Department a	Raichur ..	* 946	* 309	1,255	946	273	1,219	..	..	..	..	..	..	31st Dec. 1898.	

* The alteration is due to re-allocation which has been approved of but not recorded being under Rs. 500.

Madras Railway,
Chief Engineer's Office,
13th April 1899.

J. M. EWING,
for Chief Engineer.

LOCOMOTIVE DEPARTMENT.

List of Open Capital Sanctions for the quarter ending 30th June 1899.

Note.—Revenue expenditure is shown in block type.

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to January 1899.			Allotment for current year (1899-1900).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks and progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
1	3 M.R. of 1897.	55 R.S. 102 R.	2nd Feb. 1897. 13th Feb. ,, 28th Jan. 1898. 24th ,, 1899.	Government of India. Government Order. M.O.M. Do.	Gas-making plant, lamps and fittings.	..	20,814 ..	1,90,442 14,025	2,11,256 14,025	20,320 ..	1,62,729 14,025	1,83,049 14,025	400	25,000	25,400	..	..	..	31st Dec. 1899.	
2	5 M.R. of 1896.	302 R.S. 642 R.	13th July 1896. 28th ,, ,, 27th Jan. 1897. 28th ,, 1898. 24th ,, 1899. 18th April ,,	Government of India. Government Order. M.O.M Do. Do. Do.	Fitting automatic vacuum brake-gear to 10 engines and 50 carriages.	..	6,200	31,060	37,260	5,262	31,259	36,521	500	750	1,250	..	..	..	31st Dec. 1899.	Revised estimate has been submitted.
3	4 M.R. of 1897. ..	191 R.S. 344 R.	5th May 1897. 28th Mar. 1899.	Government of India. Government Order.	Two bogie composites, 17 third-class carriages, two third-class carriages with brakes and two ordinary brakevans.	..	26,200	1,11,500	1,37,700	25,172	1,11,059	1,36,231	..	..	..	..	..	..	31st Mar. 1899.	Works completed, but accounts not closed.
4	..	14 R.	8th Jan. 1897. 28th Jan. 1898. 24th ,, 1899. 18th April ,,	Government Order. M.O.M. Do. Do.	Fitting automatic vacuum brake-gear to four engines.	..	1,200	3,889	5,089	137	2,743	2,880	960	44	1,004	..	..	..	31st Mar. 1900.	
5	5 M.R. of 1897.	213 R.S. 391 R.	22nd May 1897. 5th June ,, 28th Jan. 1898. 24th ,, 1899.	Government of India. Government Order. M.O.M. Do.	Fitting automatic vacuum brake-gear to 6 engines and 200 carriages.	..	28,184	92,267	1,20,451	6,468	52,043	58,511	6,940	5,000	11,940	..	..	..	31st Dec. 1899.	
6	..	445 R.	8th July 1897. 25th Feb. 1898. 1st July ,, 24th Jan. 1899.	Government Order. M.O.M. Do. Do.	One planing machine	..	180	6,090	6,270	30	55	85	..	..	..	..	..	..	31st Mar. 1899.	Works completed, but accounts not closed.
7	7 M.R. of 1897.	395 R.S. 814 R.	4th Oct. 1897. 13th ,, ,, 24th Jan. 1899.	Government of India. Government Order. M.O.M.	Five bogie composites (I, II and III) and five bogie composites third-class carriages.	..	35,850	1,14,150	1,50,000	3,067	11,425	14,492	31,900	1,01,800	1,33,700	..	..	..	31st Dec. 1899.	Cost to be divided between Great Indian Peninsula and Madras Railways.
8	6 M.R. of 1897.	1398 R.C. 751 R.	26th Aug. 1897. 30th Sept. ,, 24th Jan. 1899.	Government of India. Government Order. M.O.M.	Forty-six third-class carriages ..	..	31,510	1,64,473	1,95,983	891	247	1,138	8,054	89,673	97,727	..	..	..	31st Mar. 1900.	
9	..	939 Ry.	18th July 1898. 18th April 1899.	Government Order. M.O.M.	Converting seven second-class carriages into composites.	..	7,665	9,905	17,570	2,844	4,576	7,420	3,900	5,000	8,900	..	..	..	31st Dec. 1899.	
10	..	1133 Ry.	13th Sept. 1898.	Government Order.	Six oil-tank wagons	..	4,620	19,080	23,700	125	472	597	4,300	17,960	22,260	..	..	..	Do.	
11	4 M.R. of 1898.	1729 R.S. 50 Ry.	30th Dec. ,, 10th Jan. 1899.	Government of India. Government Order.	Fitting automatic vacuum brake-gear for 200 carriages.	..	20,000	95,100	1,15,100	59	1,697	1,756	19,000	70,100	89,100	..	..	..	31st Mar. 1900.	
12	..	69 Ry.	12th Jan. 1899.	Do.	Two double horse boxes	..	1,970	6,010	7,980	..	..	..	1,870	6,010	7,880	..	..	..	31st Dec. 1899.	
13	..	291	26th ,, ,,	Consulting Engineer.	Converting 76 single Bolster timber trucks into 38 Twin timber trucks.	..	684	836	1,520	..	..	..	284	400	684	..	..	..	Do.	
14	..	347	31st ,, ,,	Do.	Twelve Erhardt's weighing machine.	..	289	2,741	3,030	..	..	..	..	..	..	..	..	..	31st Mar. 1899.	Works completed, but accounts not closed.

List of Open Capital Sanctions for the quarter ending 30th June 1899—*cont.*

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to January 1899.			Allotment for current year (1899–1900).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks and progress.
		Number.	Date.	From.			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
15	1 M.R. of 1899.	235 R.S. 210 Ry.	11th Feb. 1899. 22nd ,, ,, 7th Mar. ,,	Government of India. Government Order. M.O.M.	Two-hundred open goods wagons ..	..	47,436	3,20,564	3,68,000	..	..	..	30,600	3,20,564	3,51,164	..	..	..	30th June 1900.	
16	..	807	8th ,, ,,	Consulting Engineer.	Converting existing luggage compartments of powder brakevans into powder compartments.	..	1,265 ..	3,715 2,500	4,980 2,500	.. ..	.. ..	.. ..	1,265	3,715	4,980	..	..	..	30th June 1899.	
					Total ..	..	..	..	..	..	..	..	1,09,973	6,46,016	7,55,989	..	..	..		

Perambur Works,
11th April 1899.

C. E. PHIPPS,
Locomotive Superintendent.

Locomotive Department.

The following works have been completed since the submission of Open Capital Sanction List for the June quarter ending 31st March 1899 and have accordingly been struck out of the list for the quarter ending 30th June 1899.

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to January 1899.			Allotment for current year.			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks and progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
					Nil.															

Comparison of Quarterly List of Open Capital Sanctions ending 30th June 1899 with the Capital Budget grant for 1899–1900.

—	Expenditure as per Auditor's books in current year against allotment. Cash.	Stores.	Total.
	RS.	RS.	RS.
Outlay during 1899-1900 on completed works as per this list ..	..	..	..
Allotment for works in progress	1,09,973	6,46,016	7,55,989
Total ..	1,09,973	6,46,016	7,55,989
Provision in the preliminary budget, 1899-1900 ..	1,30,728	7,75,961	9,06,689
Balance available for further allotment ..	20,755	1,29,945	1,50,700

F. DUNSTERVILLE,
Chief Auditor.

L. S. MOSS,
Agent and Manager.

F. G. HEAVEN,
Govt. Exr. of Ry. Accounts.

C. E. PHIPPS,
Locomotive Superintendent.

Francis J. E. Spring,
Consulting Engineer for Railways.

Perambur Works,
11th April 1899.

CURRENT.

List of Open Capital Sanctions for the quarter ending 30th June 1899.

(a) No works to be carried out after date on which sanction closes, without renewal of sanction which should be applied for at least one month before lapse of sanction.
(b) Bills for works to be passed within three months from date of sanction closing, any subsequently submitted to be accompanied by explanation of delay and dealt with at Official Meeting at which the Consulting Engineer is present, before audit.
(c) Expenditure on Capital works not in the list will not be passed unless formal sanction has been received during the quarter.

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to January 1899.			Allotment for current year (1899–1900).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks and progress.
		No.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
1	..	1115 Ry.	3rd Sept. 1898.	Government Order.	Lighting Arkonam station and yard by electricity.	Arkonam ..	2,470 ..	15,251 1,230	17,721 1,230	783 ..	12,170 1,230	12,953 1,230	1,000	3,081	4,081	..	..	..	30th June 1899.	

Arkonam,
10th April 1899.

J. B. DUNCAN,
Ag. Telegraph Engineer.

TELEGRAPH DEPARTMENT.

The following works have been completed since the submission of Open Capital Sanction List for the quarter ended 31st March 1899 and have accordingly been struck out of the list for the quarter ending 30th June 1899.

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to January 1899.			Allotment for current year (1899–1900).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks and progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
					Nil.															

Comparison of Quarterly List of Open Capital Sanctions ending 30th June 1899, with the Capital Budget grant for 1899–1900.

—	Expenditure as per Auditor's books in current year against allotment.		
	Cash.	Stores.	Total.
	RS.	RS.	RS.
Outlay during 1899–1900 on completed works as per this list ..	..	..	..
Allotment for works in progress	1,000	3,081	4,081
Total ..	1,000	3,081	4,081
Provision in preliminary budget ..	1,000	3,081	4,081
Balance available for further allotment ..	..	..	..

F. DUNSTERVILLE,
Chief Auditor.

L. S. MOSS,
Agent and Manager.

F. G. HEAVEN,
Govt. Exr. of Ry. Accounts.

J. B. DUNCAN,
Ag. Telegraph Engineer.

Francis J. E. Spring,
Consulting Engineer for Railways.

Arkonam,
10th April 1899.

Item No.	Register No.	Sanction.			Works.	Locally.	Sanctioned Expenditure.			Total Expenditure as per Auditor's Books as far as known up to Jany 99			Allotment for Current year (~~1896-97~~), 1899-1900			Expenditure as per Auditor's Books in current year against allotment.			Date on which Sanction closes.	Remarks or Progress.
		No.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores,	Total.		
										Brought over			39,508	34,335	73,843					
4		1020 Ry	10-8-98	G. O.	(Proposed) Medical Officers Bungalow at	Perambur	5381	4219	9600	14	4287	4301	3000	1000	4000				30-9-99	Sanction for a reallocation of the Estimate will be obtained at an official meeting
5		1072 Ry	20-8-98	G. O.	(Proposed) 2nd Assistant Loco: Superintendents Bungalow at	Perambur	4329	2871	7200	2607	2751	5358	722	20	742				do	
6		552	17-2-99	C. E.	(Proposed) Station Masters House at	Central station	2518	1722	4240	.	.	.	2000	1500	3500				31-3-1900	
						Revenue	479	"	479	.	.	.			"					
7		819	9-3-99	C. E.	(Proposed) Reading room at	Central station	3027	1589	4616	.	.	.	2900	1400	4300				do	
8		937	1-4-98 18-4-99	C. E. M.C.M	Transfer of Telegraph workshops to (the proposed) new site at	Arkonam	1378	2953	4331	1046	3522	4568	..	..	..				30-6-99	~~Sanction for an extension of time to 30-6-99 will be applied for at an official meeting.~~ No expenditure is likely to be brought to acct: in the official year 1899-1900 under capital portion of the Estimate. Sanction for the excess over the Estimate under capital will be obtained
						Revenue	3658	"	3658	3024	132	3156								
9		513 Ry	1-4-98 18-4-99	G. O. M.C.M	Converting existing Telegraph workshop & Store yards into quarters for weigh Bridge fitter and power house for electric lighting at	Arkonam	3970	1333	5303	1809	2341	4150	..	100	100				do	~~Sanction for an extension of time to 30-6-99 will be applied for at an official meeting~~ Sanction for a reallocation of the Estimate will be obtained
						Revenue	362	"	362	303	Cr. 33	270								
10		2803	11-10-98	C. E.	(Proposed) new siding for ballast wagons at	Arkonam	382	3504	3886	304	2496	2800	40	500	540				30-6-99	
11		3786	11-12-97 1-7-98 6-12-98 7-3-99	C. E. M.C.M " "	Interlocking Points and signals at	Mamual	223	2246	2469	19	41	60	150	1500	1650				do	
						Revenue	12	288	300	"	"	"								

E. No. 16 B.

200—9-96

MADRAS RAILWAY
14 APR 1899
CHIEF AUDITOR'S OFFICE

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MADRAS RAILWAY.

CURRENT.

Part I List of open Capital sanctions for the Quarter ending 30th June 1899.

(a.) No works to be carried out after date on which sanction closes, without renewal of s anction which should be applied for at least one month before lapse of sanction.

(b.) Bills for works to be passed within three months from date of sanction closing, any s ubsequently submitted to be accompanied by explanations of delay and dealt with at Official Meeting at which the Consulting Engineer is present, before audit.

(c.) Expenditure on Capital works not in the list will not be passed unless formal sanctio has been received during the quarter.

Item No.	Register No.	Sanction.			Works.	Locality.	Sanctioned Expenditure.			Total Expenditure as per Auditor's Books as far as known up to Jany/99			Allotment for Current year (~~1896-97~~). 1899-1900			Expenditure as per Auditor's Books in current year against allotment.			Date on which Sanction closes.	Remarks or Progress.
		No.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
1		719 Ry.	13-5-98	G. O.	(Proposed) extra accommodation to Chief Auditor's Office over Ticket printing Office at	Rayapuram Revenue	6,790 546	4,528	11,318 546	2414 272	5032 2	7446 274	2000	872	2872				30-6-99	Sanction for a reallocation of the Estimate will be obtained at an Official meeting
2		1161 Ry.	22-9-98	G. O.	(Proposed) additional rooms for Audit Office on 3rd Storey to replace rooms on ground floor to be acquired for records at	Rayapuram Revenue	5 63 10	9229 163	14,292 173	55 "	2763	2818	3508	3463	6971				30-9-99	
# 3	2 M.R. of 1899	264 Ry 041 R.C.	6-3-99 16-2-99	G. O. G. I.	Extension of Madras Ry. from Rayapuram to proposed Joint station opposite to General Post office on the Beach	Madras Revenue	35 79 2896	37,694	72,773 2896	" "	3882	3882	31,000	30000	61,000				31-3-1900	
										Carried	over		39,508	34335	73843					

12	2728	27-8-95 28-2-96 30-9-96 2-12-96 3-12-97 6-12-98	C.E. M.O.M " " " "	Six Houses for subordinate staff at	Arcot
13	1976	8-7-98 7-3-99	C.E. M.O.M.	(Proposed) station master house at	Vinnamangalam
14	4 R	4-1-97 25-3-98 1-7-98 13-9-98 6-12-98	G.O. M.O.M " " "	Additional water supply at	Tularpet
15	3292	2-12-98	C.E.	(Proposed) Double Bungalow for family Guards at	Tularpet
16	283	28-1-98 13-9-98 7-3-99	C.E. M.O.M. "	(Proposed) additional sidings at	Mallanur
17	412 R	15-3-98 7-3-99	G.O. M.O.M.	Station House &c at	Bisanattam Reversed
18	2955	11-9-97 25-3-98 1-7-98 13-9-98 6-12-98 7-3-99	C.E. M.O.M. " " " "	Signal arrangement at	Bowringpet Reversed

Part II The following works have

E. 16 B.

Item No.	Register No.	Sanction.			Works.	Locality.
		No.	Date.	From		
19		3867	18-12-97	C. E.		
			1-7-98	M. O. M		
			13-9-98	"	Raising & increasing	
			6-12-98	"	Capacity of Locomo-	
			24-1-99	"	-tive tank at.	Bowringpet
			7-3-99	"		Revenue
20		964 R	14-11-96	G. A.		
			28-5-97	M. O. M		
			29-9-97	"	Watering arrange-	
			3-12-97	"	-ments at	Whitefield
			1-7-98	"		
			13-9-98	"		
21	6 M.R of 1896	1340 Rc	8-9-96	G. T.	Alterations and	
		1831 Rc	4-12-96	"	additions to	
		1041 R	14-12-96	G. O.	City station	Bangalore
			13-9-98	M. O. M		Revenue
22		2699	1-10-98 18-4-99	C. E. M. O. M	Native latrine at City station	Bangalore
23		1008	8-4-98	C. E.	(Proposed) additional wrought iron tank at	Buddireddipatti
24		3293	2-12-98	C. E.	(Proposed) Double Bungalow for Family Guards at	Podanur
25		3222	15-10-97	C. E.	Strengthening two	
			3-6-98	M. O. M	64 ft. Girders by	
			6-12-98	"	inserting Central	Nilgiri Branch
					masonry piers at 307/17 ms.	Revenue
26		"	15-10-97	C. E.	do do at 312/13 ms.	Nilgiri
			3-6-98	M. O. M		Branch
			6-12-98	"		Revenue
27		"	15-10-97	C. E.	do do at 314/10 ms.	Nilgiri
			3-6-98	M. O. M		Branch
			6-12-98	"		Revenue
28		3515	17-11-97	C. E.	Strengthening four	
			3-6-98	M. O. M	64 ft. girders by	
			6-12-98	"	inserting Central	Nilgiri
					masonry piers at	Branch
					313/12 Mile	Revenue
29		"	17-11-97	C. E.	do do at 321/13 ms.	Nilgiri
			3-6-98	M. O. M		Branch
			6-12-98	"		Revenue
30		"	17-11-97	C. E.	do do at 308/7 ms.	Nilgiri
			3-6-98	M. O. M		Branch
			6-12-98	"		Revenue
31		1977	8-7-98	C. E.	(Proposed) additional rooms to Guards Bungalow at	Calicut Revenue
32		808	8-3-99	C. E.	Renewing Platform fence at	Feroke Revenue

Part II The following works have

E. 16 B.

Item No.	Register No.	Sanction. No.	Sanction. Date.	Sanction. From	Works.	Locality.
33		2689	30-9-98	C.E.	Additional rooms for station Master's Bungalow at	Calicut Revenue
34		2834	14-10-98	C.E.	(Proposed) four houses for Native station Masters at	South West Line
35		416R	25-6-97 1-7-98 13-9-98 6-12-98 7-3-99	G.O. M.O.M " " "	(Proposed) station House &c. at	Ponpadi
36		522R	15-8-95 24-1-96 29-5-96 2-12-96 25-6-97 29-9-97 29-10-97 28-1-98 25-3-98 1-7-98 13-9-98 6-12-98 7-3-99	G.O. M.O.M " " " " " " " " " " "	Interlocking Points and Signals at	Nagari Revenue
37		2330	16-8-98 7-3-99	C.E. M.O.M	(Proposed) water Supply for staff Quarters & platform at	Nandalur
38		2341	17-8-98	C.E.	Grouping points at	Nandalur
39	1 M.R of 1898	899 R.C 907 Ry	28-6-98 11-7-98	G.T. G.O.	Additional sidings Engine Shed and Staff Quarters at	Nandalur Revenue
40	X	866	13-3-99	C.E.	(Proposed) Apothecary's Bungalow and Dispensary at	Nandalur
41	X	898	16-3-99	C.E.	(Proposed) cross over road &c. at	Nandalur Revenue
42	X	913	16-3-99	C.E.	(Proposed) Ballast wagon siding at	Renigunta
43	X	495	13-2-99	C.E.	(Proposed) alteration of sidings at	Razampeta Revenue
44		130R	24-1-98 18-4-99	G.O. M.O.M	Proposed station House &c. at	Yerragudipa
45		410R	19-6-97 1-7-98 13-9-98 24-1-99	G.O. M.O.M " "	station House &c. at	Kalamala
46		3222	15-10-97 1-7-98 13-9-98	C.E. M.O.M "	Strengthening four 6 ft. Girders by inserting Central masonry piers at	232/3 North West L Revenue

Item No.	Register No.	Sanction.			Works.	Locality.
		No.	Date.	From		
47		3222	15-10-97	C. E.	Strengthening two	
			1-7-98	M. C. M.	64 ft. Girders by	
			13-9-98	"	inserting Central	232/10 Mile
			6-12-98	"	Masonry piers at	N. W. Line
			7-3-99	"		Revenue
48		"	15-10-97	C. E.		
			1-7-98	M. C. M.		142/10 Mile
			13-9-98	"	do do do at	N. W. Line
			6-12-98	"		Revenue
49		1568	1-6-98	C. E.		248/15 Mile
			6-12-98	M. C. M.	do do do	N. W. Line
			7-3-99	"		Revenue
50		"	1-6-98	C. E.	Strengthening four 64 ft	218/9 Mile
			6-12-98	M. C. M.	Girders by inserting central	N. W. Line
			7-3-99	"	Masonry piers at	Revenue
51		"	1-6-98	C. E.		263/3 Mile
			6-12-98	M. C. M.	do do do	N. W. Line
			7-3-99	"		Revenue
52		823	9-3-99	C. E.	(Proposed) Alteration	
					of sidings at	Reddipalli
						Revenue
53		898 Ry.	7-7-98	G. O.	(Proposed) Locomotive	
					workshop, alteration	
					of Locomotive sidings,	
					and new 50 ft. Engine	
					Turntable in lieu of	
					the existing 40 ft.	Gooty
					one at	Revenue
54		2939	26-10-98	C. E.	Extension of lay bye	
					&c. at	Molagavalli
						Revenue
55		208 R	26-3-97	G. O.	Alterations to Home	
			26-8-97	M. C. M.	signals so that	
			13-9-98	"	their arms will	
			6-12-98	"	fly to danger on	
					any connection	S. W. and
					breaking	N. W. Lines
56		1295	8-4-97	C. E.		
			28-1-98	M. C. M.	Fitting of Annetts'	
			6-12-98	"	locks to facing	
			7-3-99	"	points	do do
57		1159 R	17-12-97	G. O.		
			3-6-98	M. C. M.		
			1-7-98	"	Twenty two houses	
			29-7-98	"	for Traffic Sub-	
			7-3-99	"	-ordinates	do do

Item No.	Register No.	Sanction.			Works.	Locality.
		No.	Date.	From		
58		1169 Ry	23-9-98 7-3-99	G. O. M. O. U	Making & fitting whitneys points bolt locks to points of blind sidings running off the main line and trapping points as recommended by siding Committee	S. W. and N. W. Lines Revenue
59		1562 Ry	19-12-98	G. O.	Proposed 25 Houses for Subordinate Staff of Traffic Department	do do
60		1180	13-4-99	C. E	Pitching bank in tank to bring it level with 7 feet cess at $\frac{10}{8\text{-}18}$ miles	S. W. Line
61.		1243	18-4-99	C. E.	Level Crossing gates in lieu of the existing ones at $\frac{1}{5}$, $\frac{1}{9}$ + $\frac{2}{7}$ miles	S. W. Line Revenue
62.		1320	24-4-99	C. E	Signalling arrangements at	Guntakal

E. 16 B.

E. 16 B.

Chief

62 1812 20-6-98 C.E. One oil gas engine and accessories for the Ticket Printing Office at Rayapuram

Comparison of 2

Provision in the preliminar

F. Dunsterville
Chief Auditor

Madras Railway
Chief Engineer's Office
13th April 1899

Agent and Manager

Capital Sanction List for the quarter ending 31st March,
ending 30th June 1899.

106—6.98.

2

3046

436 18.4.99

...re as per ...s as far as January 99		Allotment for Current year (~~1896-97~~). 1899-1900			Expenditure as per Auditor's Books in current year against allotment.			Date on which Sanction closes.	Remarks or Progress.
...es.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
38	5394							31-12-98	Print
28	4,023								
341	1934							30-9-98	
5940	29,366							do	
"	4876								
267	2525							31-12-98	
"	5								
873	1334							do	~~Sanction for excess over estimate will be obtained at an Official Meeting~~
"	124								
"	2531							do	
"	35								
1348	1384							do	
88	89								

12

E. No. 16 B.

200—9-96.

6

MADRAS RAILWAY
12 APR 1899
CHIEF AUDITOR'S OFFICE

Enc. No. 3 to E. 2046 of 1899
No. 436 18.4
From A.M.

AGENT & MANAGER'S OFFICE
No.
11 APR 1899
MADRAS RAILWAY.

MADRAS RAILWAY CO.

CURRENT.

List of open Capital sanctions for the Quarter ending 30th June 1899.

(*a.*) No works to be carried out after date on which sanction closes, without renewal of sanction which should be applied for at least one month before lapse of sanction.

(*b.*) Bills for works to be passed within three months from date of sanction closing, any subsequently submitted to be accompanied by explanation of delay and dealt with at Official Meeting at which the Consulting Engineer is present, before audit.

(*c.*) Expenditure on Capital works not in the list will not be passed unless formal sanction has been received during the quarter.

Item No.	Register No.	Sanction.			Works.	Locality.	Sanctioned Expenditure.			Total Expenditure as per Auditor's Books as far as known up to January/99			Allotment for Current year (~~1896-97~~). 1899-1900			Expenditure as per Auditor's Books in current year against allotment.			Date on which Sanction closes.	Remarks & Progress.
		No.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
		1115 Ry	3rd Sept/98	G.C.	Revised Estimate for lighting Arkonam Station & Yard by electricity	Arkonam	2470	15251	17721	783	12170	12953	1000	3081	4081	-	-	-	30-6-99	
							-	1230	1230		1230	1230				-	-	-		

Arkonam
10th April 1899

John B. [illegible]
Ag: Dst: Engineer

14

17

16 B.

F.

Madras Railway -

The following works have been completed since the
ended 31st March 1899 and have accordingly been struck

Item	Register Number	Sanction			Works	Locality
		No.	Date	From		
					Nil	

Madras Railway -

Comparison of Quarterly list of Open Capital Sanction

Outlay during 1899-1900 on Completed works as p
Allotment for works in progress

Provision in Preli
Balance available for furt

Geo. Hunteville
Chief Auditor

R.V.

Arkonam
10th April 1899

Agent

[500—1-12-98.]

M… Locomotive …ENT,

List of open Capital Sanctions fo…

MADRAS RAILWAY
14 APR 1899
CHIEF … OFFICE

Register Number	Sanction				Works	Locality	Sanctioned Expenditure		
		Number	Date	From			Cash	Stores	To…
1	3 M.R of 1897	55 R.S. 102 R	2-2-97 13-2-97 28-1-98 24-1-99	G. S. G. O. M.a.M M.a.M	Gas making plant, lamps and fittings	Revenue	20,814	1,90442 14,025	2,11 14
2	5 M.R of 1896	302 R.S. 642 R	13-7-96 28-7-96 27-1-97 28-1-98 24-1-99 18-4-99	G. S. G. O. M.a.M	Fitting automatic Vacuum brake gear to 10 Engines & 50 Carriages.		6,200	31,060	37,
3		344 R	28-3-99	G. O.	Two Bogie Composites, 17 IIId class Carriages, Two IIId class carriages with brakes and Two Ordinary brake Vans.		26,200	1,11,500	1,37,
	4 M.R of 97	191 R.S.	5.5.97	G. S.					
4		14 R	8-4-97 28-1-98 24-1-99 18-4-99	M.a.M	Fitting automatic Vacuum brake gear to 4 Engines		1200	3889	5
5	5 M.R of 1897	213 R.S. 391 R	22-5-[illegible] 5-[illegible] 28-[illegible] [illegible]-99	G. S. G. O. M.a.M	Fitting automatic Vacuum brake gear to 6 Engines and 200 Carriages.		28,184	92,267	1,20.
6		445 R	[illegible]-97 [illegible] 24-[illegible]	G. O. M.a.M	Axe Planing Machine		180	6090	6
7	7 M.R of 1897	395 R.S. 814 R	4-1[illegible] 13-1[illegible] 24-1-99	G. O. M.a.M	Five Bogie Composites (I II & III) and Five Bogie Composites IIId class carriages		35,850	1,14,160	1,50,
8	6 M.R of 1897	1398 R.S. 751 R	26-8-97 30-9-97 24-1-99	G. S. G. O. M.a.M	Forty Six IIId class Carriages.		31,510	1,64,473	1,95,
9	"	939 R	18-4-98 18-4-99	G. O. M.a.M	Converting 7 IId class carriages into Composites		7,665	9,905	17,
10		1133 R	13-9-98	G. O.	Six Oil Tank wagons		4,620	19,080	23,
11	4 M.R of 1898	1729 R.S. 50 R	30-12-98 10-1-99	G. S. G. O.	Fitting automatic Vacuum brake gear for 200 Carriages.		20,000	95,100	1,15,
12		69 R	12-1-99	G. O.	Two Double Horse Boxes.		1970	6010	7
13		291	26-1-99	Con. Engr.	Converting 76 Single Bolster Timber Trucks into 38 Twin Timber Trucks		684	836	
14		347	31-1-99	Con. Engr.	Twelve Erhardt's weighing Machine		289	2741	
15	1 M.R of 1899	235 R.S. 210 R	11-2-99 22-2-99 7-3-99	G. S. G. O. M.a.M	200 Open Goods Wagons.		47,436	3,20,564	
16		807	8-3-99	Con. Engr.	Converting existing Luggage Compartments of Powder Brake Vans into Powder Compartments....	Revenue	1265	2715 2500	

Perambur Works
11th April 1899

[500—1-12-98.]

MADRAS RAILWAY
14 APR 1899
CHIEF AUDITOR'S OFFICE

RTMEN

Madra

Locomo

following works have been completed since the submis
and have accordingly been struck out of the

Register Number	Sanction			Works.	Locality	Sanc. expen	
	Number	Date	From			Cash	Stor

Comparison of Quarterly List of open Capital &

Outlay during 1899–1900 on Completed wor
Allotment for works in progress. - - -

Provision in the preliminary Budget 1899–190
Balance available

F. Dunsterville
Chief Auditor

Perambur Works
11th April 1899

Agent and Manager

[500-1-12-98

(No. I.) 5000-15-3-88.

No.

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

11581/1436

MADRAS, 18th April 1899.

18 APR. 1899

Quote

2046
19.4.99

From

The Agent and Manager,
Madras Railway Company,

To

The Consulting Engineer for Railways.
Madras.

SIR,

In compliance with the request contained in your telephone message of the 7th instant, I have the honor to forward herewith the list of Open Capital sanctions Parts I and II, of the Engineering, Locomotive, and Telegraph Departments for the quarter ending 30th June 1899.-

Provision has been made by all departments for considerable Cash expenditure during the current Official year, but from the enclosure which accompanied G. O. No. 364 Ry: of the 1st instant it is calculated that there will be no money available for Cash expenditure in India on Capital Works during this period, as is explained in my letter No. 10352/416 of the 15th idem.-

The

The sum allotted by Government for expenditure in India is, after making necessary provision for landing &c. charges in connection with the receipt of Stores from England and for Miscellaneous Suspence transactions, less than that which must be incurred in the purchase of Stores for consumption on account of the working of the Railway.—

I have the honor to be,

Sir,

Your most obedt. Servt.,

Agent & Manager.—

Enclo: 6.

252 whe
MAY. bs

R. No. 230
20.4.99
Chs office

OFFICE OF THE CONSULTING ENGINEER FOR RAIL

Madras, ~~19~~th April 1899.
20

No. 1274

OFFICE NOTE.

Letter from the Agent & Manager Madras Railway, No. $\frac{11581}{436}$, dated 18th April 1899, forwarded to the Examiner of Railway Accounts. for favour of remarks.

$\frac{19}{4}$99

A. B.

for E. R.

EXAMINER'S REPLY.

Engineering Deptt.

Item 3. The cash and stores portion the estimate should be checked i office, as the usual statemen such details has not yet been to this office.

Item 59/2. Should be checked in as the sanction has not yet bee municated to this office.

Part II Completed Works. Item remark against this item be removed as the excess, was sanctioned at the Meeting.

Despatched on 25/4/99.

No. 1329 of 25/4/99 Checked

Copy forwarded to AM for reconsideration with the request that the list (herewith enclosed) may be resubmitted at an early date.

for E.R.

[500—1-12-98.]

He cash and Stores portions
l. the estimates should be 882 and
373 respectively, as no reallocation
as been sanctioned. Alterations
as been made by this office.

oco: Depot:
Item 15 He Cash and Stores portions
f the estimate should be checked
in E.R's office..

not
Company it was made
but not recorded at the
O.M

Vouch
Checked

The statements should be returned to the Agent and Manager for completion as regards comparison with budget provision, as the Company have been advised as how the budget should be
epared.

rly resubmission should be
quested as the return is over-
e.

KGH 24 4/99

C.R.
22.4.99

GMR

The fo
were commun
mission of the ... O.C

25 MAY

TMENT,

(No. I.)
No. 11581
484

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,
Madras, 29th April 1899.

2222
1.5.99

...NEER FOR RAILWAYS
RECEIVED
MAY 1899

2 Duke

From
The Agent and Manager.
M. R. C

To
The Consulting Engineer for Railways.
Madras

SIR,

With reference to your endorsement No. 1329 dated 25th April 1899, I have the honour to resubmit the List of Open Capital sanctions, Parts I and II, of the several Departments for the current quarter, with comparison of Budget provision duly inserted.

2. The final issue of the Budget not being ready, the comparison has been made as usual with the provision in the Preliminary issue of the Budget for 1899-190

Item 12. Part II Engineering list:- A realloc
-tion amounting to Rs 64 for the Estimate
under this item was sanctioned at the
Official Meeting but was not recorded
minutes being less than Rs 500 and the
distribution of the Estimate should be
and stores of

PUBLIC WORKS DEPARTMENT,
NCH.
254
MAY. 18

The fo

which were communi-
bsequent to the submission of the or
List have now been included by this Q
in Part I of the Engineering List:

(1) Level crossing gates in lieu of the exist-
-ing ones at $\frac{1}{5}$, $\frac{1}{9}$ + $\frac{2}{7}$ miles, S.W. Line.

(2) Signalling arrangements at Guntakal.

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

Agent & Manager.

(3 Enclo:)

MADRAS RAILWAY.

From
The Agent and Manager.

To
The Consulting Engineer
for Railways.

Dated 188

Recd.

No.

Form

254
MAY. 1899
ACCOUNTS, MADRAS

No. 1393

WORKS DEPARTMENT,

OFFICE NOTE.

Letter from the Agent & Manager Madras Railway, No. $\frac{11581}{484}$, dated 29th April 1899, forwarded to the Examiner of Railway Accounts for favour of remarks.

a/B.

for E. R.

EXAMINER'S REPLY.

Countersigned and returned

3/5/99

CR

[500—1-12-98.]

se. by 7/6/98 P. W. Dept

3/5-99

Form No.

PUBLIC WORKS DEPARTMENT
RAILWAY BRANCH.

Papers to be read in Proceedings :—

Again G.O., dated 189 , No.

Again G.O., dated 189 , No

EK. Current No. 2046 of 1899, dated 19-4-99, from AM Quote

" " " 2222 " 1899, " 1-5-99, " do Quote.

" " " 189 , " , "

ORDER. No. 612 Ry dated 30/5

Ordered that the List of Open Capital Sanctions of the Engineering, Locomotive & ~~Traffic~~ Telegraph Depts of the M Ry for the quarter ending the 30th Ju 1899, be forwarded to the Govt of India.

2. All cases of excesses over estimates are receiv attention.

(A. E. No. 613 Ry of 30th May

Forwarded.

Print

To The Agent & Manager
" Examiner, Gtd Ry Accounts
" Cons Engr for Railways

Despatched on 9/6/99

To

The Govt of India
P. W. Dept

Despatched on 30/5/99

sc. by 7/6/99

3 P 5-55