Public Works (1896) Department.

G.O., No. 1027 R

DATED 8 December

255 R Dy 19.3.96

[Despatch Abstract.]

Girder bridges: Letter to the Govt of India forwarding the completion report of the work done in improving the permanent way over the – on portions of the Madras Ry: up to 31st March 1896 and stating that this Govt concurs in the views of the Agent that no further outlay should be incurred on this work

Tellt/12

[P.W. 25. 4,000—29-11-95.]

Indexed.

15/12

BACK PAPERS.

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

FURTHER PAPERS.

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

SERIAL
No. 21

No. 42 R., 11th January 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

From the Agent and Manager, Madras Railway, dated 30th December 1895, No. 20/1143-R. 8 No. 20

MADRAS RAILWAY.

ENGINEERING DEPARTMENT.

LIST OF OPEN SANCTIONS FOR THE QUARTER ENDING 31ST MARCH 1896.

(a) No works to be carried on 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 Committee 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.

Register number and date.	Authority.	Works.	Sanctioned expenditure.			Expenditure as per Auditor's books up to 31st October 1895.			Date on which sanction closes.	Remarks.
			Cash.	Stores.	Total.	Cash.	Stores.	Total.		
			RS.	RS.	RS.	RS.	RS.	RS.		
1. 5 M.R. of 1893.	G.I. No. 450 R.S., dated 20th Dec. 1893; G.O. No. $\frac{3}{A}$ R., dated 8th Jan. 1894; M.O.M., dated 30th Aug. 1894; M.O.M., dated 30th May 1895.	Shed for making gas at Central Station ..	2,128	867	2,995	2,860	2,032	4,892	31st Dec. 1895.	Revised estimate will be submitted. Extension of time to 30th June 1896 will be applied for.
2. ..	G.O. No. 24 R., dated 17th Jan. 1895; C.E. No. 548, dated 14th February 1895.	Ticket Printing office, &c., at Râyapuram ..	5,562	2,364	7,926	4,115	3,894	8,009	31st Mar. 1896 ..	Rs. 58 sanctioned to Revenue.
3. ..	C.E. No 66, dated 9th January 1895; M.O.M., dated 29th Aug. 1895.	Piping, &c., required for supplying Red Hills water to the engines at Râyapuram.	342	2,255	2,597	..	..	..	31st ,, ,,	
4. ..	C.E. No. 2690, dated 23rd Aug. 1895.	Alterations and additions to the lines consequent on the Ennore Branch running into Râyapuram.	63	1,417	1,480	..	..	..	31st ,, ,, ..	Rs. 243 do.
5. ..	C.E. No. 3162, dated 8th October 1895.	Alterations and additions of sidings at Signal office at Râyapuram.	446	2,584	3,030	..	..	..	30th June ,, ..	Rs. 120 do.
6. ..	C.E. No. 126, dated 12th January 1895.	House for Yard Inspector at Salt Cotaurs ..	1,537	731	2,268	1,158	789	1,947	31st Mar. ,,	
7. ..	C.E. No. 2202, dated 10th July 1895.	Additional siding for Carriage Examiner at Salt Cotaurs.	122	1,064	1,186	132	834	966	31st ,, ,,	
8. ..	G.O. No. 2153 R., dated 18th Sept. 1891; M.O.M., dated 26th Jan. 1894; M.O.M., dated 10th Dec. 1894; M.O.M., dated 29th Aug. 1895.	Assistant Locomotive Superintendent's bungalow at Perambúr.	6,842	4,164	11,006	6,010	4,247	10,257	30th June ,,	
9. ..	G.O. No. 129 R., dated 2nd March 1894.	Church at Perambúr	5,931	1,609	7,540	1,258	608	1,896	31st Mar. ,, ..	Rs. 3,844 chargeable to public contribution.
10. ..	G.O. No. 363 R., dated 21st May 1895.	First Assistant Locomotive Superintendent's bungalow at Perambúr.	4,794	3,404	8,198	..	..	..	30th June ,,	
11. ..	C.E. No. 2448, dated 30th July 1895.	Shed for storage of carriage iron work contiguous to carriage iron stores at Perambúr.	1,311	2,695	4,006	..	..	..	31st Mar. ,,	
12. ..	G.O. No. 540 R., dated 22nd Aug. 1895.	Additional room to the Institute at Perambúr.	4,696	2,785	7,481	..	..	..	30th Sept. ,, ..	Rs. 251 sanctioned to Revenue.
13. ..	G.O. No. 564 R., dated 4th September 1895.	Extension of line across tank into timber yard at Perambúr.	7,968	3,484	11,452	6,734	359	7,093	31st Mar. ,, ..	Rs. 157 do.
14. ..	G.O. No. 23 R., dated 17th January 1895.	Alterations, &c., at Washermanpet station and extension of Ennore Branch to Râyapuram.	9,959	12,501	22,460	8,259	13,235	21,494	31st ,, ,, ..	Rs. 540 do.
15. ..	G.O. No. 331 R., dated 6th May 1895.	Through siding at Washermanpet station ..	3,879	7,191	11,070	2,086	2,508	4,594	30th June ,, ..	Rs. 21 do.
16. ..	C.E. No. 3664, dated 18th November 1895.	Station-house, &c., at Manur	2,902	1,217	4,119	..	..	..	31st Dec. ,,	
17. ..	C.E. No. 2057, dated 1st July 1895.	Platform on the upline at Musur	1,969	1,335	3,304	633	944	1,577	31st Mar. ,,	
18. ..	G.O. No. 470 R., dated 6th September 1894.	Four bungalows for Upper Subordinates at Arkonam.	9,368	4,368	13,736	10,178	8,839	19,017	30th Sept. 1895 ..	Revised estimate has been submitted for sanction.
19. ..	C.E. No. 1070, dated 27th March 1895; M.O.M., dated 29th August 1895; M.O.M., dated 26th November 1895.	Well, &c., for supplying water for Soda water factory and station-house at Arkonam.	987	969	1,956	379	475	854	31st Mar. 1896 ..	Rs. 90 sanctioned to Revenue.
20. ..	C.E. No. 2983, dated 20th September 1895.	Erection of a cast iron tank at Arkonam ..	120	952	1,072	..	..	..	31st ,, ,,	
21. ..	C.E. No. 2728, dated 27th August 1895.	Six houses for subordinate staff at Arcot ..	805	429	1,234	..	..	..	31st ,, ,,	
22. ..	C.E. No. 3640, dated 15th November 1895.	Station-house, &c., at Vinnamungalam ..	2,182	1,586	3,768	..	..	..	31st Dec. ,,	
23. 1 M.R. of 1894.	G.I. No. 94 R.C., dated 30th Jan. 1894; G.O. No. 81 R., dated 6th February 1894; M.O.M., dated 29th August 1895.	Alterations and additions to Bangalore City station.	83,891	59,439	1,43,330	90,829	60,497	1,51,326	31st Mar. 1896 ..	Rs. 32,333 sanctioned to Revenue.
24. 4 M.R. of 1894.	G.I. No. 719 R.C., dated 31st July 1894; G.O. No. 436 R., dated 15th August 1894; M.O.M., dated 27th February 1895; C.E. No. 199, dated 19th January 1895.	Alterations and additions consequent on the junction of Kolar Gold Fields Railway with Madras Railway at Kolar road.	36,793	41,518	78,311	31,627	32,116	63,743	31st Dec. 1895 ..	Extension of time to 31st March 1896 will be applied for. Rs. 11,034 sanctioned to Revenue.
25. ..	G.O. No. 494 R., dated 3rd August 1895.	Through siding, &c., at Bisanatham ..	2,484	6,299	8,783	408	138	546	30th June 1896 ..	Rs. 356 sanctioned to Revenue.
26. ..	G.O. No. 527 R., dated 20th August 1895.	Station-house at Gudupalli	4,559	1,511	6,070	250	1,209	1,459	30th Sept. ,,	
27. ..	C.E. No. 1667, dated 24th May 1895; M.O.M., dated 26th November 1895.	Booking office and 3rd-class waiting room, &c., at Mulanur.	997	269	1,266	25	120	145	31st Mar. ,, ..	Rs. 802 do.
28. ..	C.E. No. 2124, dated 4th July 1895.	Ten houses for Native Firemen and Artizans at Jalarpet.	2,266	791	3,057	1,354	924	2,278	30th Sept ,,	
29. ..	C.E. No. 2140, dated 6th July 1895.	One block of four houses for European and Eurasian Firemen at Jalarpet.	2,959	1,512	4,471	1,047	1,357	2,404	30th Sept. ,,	
30. ..	C.E. No. 2961, dated 19th September 1895.	Travelling Auditor's bungalow at Jalarpet ..	2,035	932	2,967	..	..	..	30th ,, ,,	
31. ..	C.E. No. 3082, dated 1st Oct. 1895.	Double bungalow for family guards at Jalarpet.	3,238	1,283	4,521	..	..	..	31st Dec. ,,	
32. ..	C.E. No. 3353, dated 23rd October 1895.	Taking up 45 feet engine turn-table at Tiruvallúr, lengthening it to 48 feet and fixing the same at Jalarpet station (including siding).	815	1,605	2,420	..	..	..	30th June ,, ..	Rs. 1,246 sanctioned to Revenue.

List of Open Sanctions for the quarter ending 31st March 1896—*cont.*

Register number and date.	Authority.	Works.	Sanctioned expenditure.			Expenditure as per Auditor's books up to 31st October 1895.			Date on which sanction closes.	Remarks.
			Cash.	Stores.	Total.	Cash.	Stores.	Total.		
			RS.	RS.	RS.	RS.	RS.	RS.		
33. ..	G.O. No. 134 R., dated 6th March 1895.	Through siding, &c., at crossing station at 186½ miles, south-west line.	4,338	8,577	12,915	5,121	2,231	7,352	31st Mar. 1896 ..	
34. ..	G.O. No. 2675 R., dated 11th Nov. 1892; M.O.M., dated 1st Dec. 1893; M.O.M., dated 28th June 1894; M.O.M., dated 10th Dec. 1894; M.O.M., dated 27th March 1895; M.O.M., dated 27th June 1895.	Alterations and additions consequent on the junction arrangements of Nilgiri Railway with Madras Railway at Méttupálaiyam station.	14,972	7,791	22,763	12,646	3,583	16,229	31st Dec. 1895 ..	Extension of time to 31st December 1896 will be applied for. Rs. 1,401 sanctioned to Revenue.
35. ..	G.O. No. 557 R., dated 29th August 1895.	Watering arrangements at Pódanúr (from Noyel river).	1,705	6,113	7,818	978	5,444	6,422	31st March 1896..	Rs. 267 sanctioned to Revenue.
36. ..	C.E. No. 3616, dated 13th November 1895.	Emergency stock shed, &c., at Pódanúr ..	392	1,384	1,776	..	..	..	30th June ,, ..	Rs. 123 do.
37. ..	C.E. No. 3864, dated 3rd December 1895.	Converting Locomotive Workshops into running drivers' quarters at Pódanúr.	1,028	766	1,794	..	..	..	30th ,, ,, ..	Rs. 202 do.
38. ..	C.E. No. 3955, dated 9th Dec. 1895.	Double bungalow for family guards at Pódanúr.	2,990	1,459	4,449	..	..	..	31st Dec. ,,	
39. ..	C.E. No. 3178, dated 9th October 1895.	Assistant Station-master's house at Walayar..	689	470	1,159	..	..	..	30th June ,, ..	Rs. 52 do.
40. ..	C.E. No. 3418, dated 2nd Nov. 1894; C.E. No. 3280, dated 16th October 1895.	Four houses for subordinate staff at Kuttipuram.	772	570	1,342	771	570	1,341	31st Mar. ,,	
41. ..	G.O. No. 403 R., dated 12th June 1895; G.O. No. 516 R., dated 11th Aug. 1895; C.E. No. 2273, dated 15th July 1895; M.O.M., dated 26th November 1895.	Twenty-five houses for subordinate staff of Traffic Department, south-west line.	4,554	2,396	6,950	2,088	2,750	4,838	31st ,, ,, ..	Extension of time to 31st March 1896 was sanctioned for the houses at Morappur, Devankundi and Whitefield only.
42. ..	G.O. No. 442 R., dated 5th July 1895.	Six houses for Native Assistant Station-masters, south-west and north-west lines.	3,730	2,186	5,916	986	2,342	3,328	31st Mar. 1896.	
43. ..	G.O. No. 694 R., dated 19th Oct. 1895.	Alterations of distant signals, south-west and north-west lines.	2,877	2,603	5,480	..	..	..	30th June ,,	
44. ..	C.E. No. 3265, dated 16th Oct. 1895.	Train protecting bars at Tirutani	126	1,033	1,159	..	..	..	30th ,, ,,	
45. ..	G.O. No. 18 R., dated 10th Jan. 1894; M.O.M., dated 26th July 1894; M.O.M., dated 30th May 1895; G.O. No. 522 R., dated 15th Aug. 1895.	Interlocking points and signals at Nagari ..	115	9,177	9,292	..	5,055	5,055	31st Mar. ,, ..	Rs. 132 sanctioned to Revenue.
46. ..	C.E. No. 98, dated 11th Jan. 1894; M.O.M., dated 26th July 1894; M.O.M., dated 30th May 1895.	Signals and interlocking apparatus at Puttúr..	111	3,057	3,168	433	1,599	2,032	31st Dec. 1895 ..	Extension of time to 31st March 1896 will be applied for. Rs. 132 sanctioned to Revenue.
47. ..	C.E. No. 1547, dated 13th May 1895.	Interlocking points and signals at Mamandur.	57	2,190	2,247	36	1,891	1,927	31st ,, ,, ..	Rs. 296 sanctioned to Revenue. Extension of time to 31st March 1896 will be applied for.
48. ..	G.I. No. 1426 R C., dated 19th Nov. 1895; C.E. No. 4025, dated 13th December 1895.	Nandalur Station works	..	..	..	..	..	..	....	Conveying sanction for work to be put in hand, pending the settlement of allocation between revenue and capital.
49.	G.O. No. 40 R., dated 24th Jan. 1895; C.E. No. 1442, dated 2nd May 1895.	Double block of bungalows for European and Eurasian drivers at Gooty.	4,565	1,437	6,002	3,663	1,582	5,245	31st March 1896 ..	A sum of Rs. 8,635 has been credited to Capital on account of cost of dismantled buildings at Cuddapah which are replaced by this building.
50. ..	C.E. No. 2709, dated 24th August 1895.	Alterations and additions to station-house at Gooty.	612	60	672	199	41	240	31st ,, ,, ..	Rs. 701 sanctioned to Revenue.
51. ..	C.E. No. 2839, dated 9th Sept. 1895.	Additions to school-house at Gooty	598	663	1,261	12	73	85	31st ,, ,, ..	Rs. 218 do.
52.	C.E. No. 3848, dated 10th Dec. 1894.	Institute at Raichur	1,285	1,820	3,105	632	1,823	2,455	31st Dec. 1895.	Rs. 1,103 sanctioned to Revenue. Extension of time to 31st March 1896 will be applied for.
53. 32 M.R. of 1875–76.	G.I. No. 3043 R., dated 11th Dec. 1875; G.O. No. 17 R., dated 4th Jan. 1876.	Laying new permanent-way over girder bridges, &c., south-west line.	8,115	2,16,284	2,24,399	2,961	1,00,555	1,03,516	In abeyance ..	Rs. 1,40,208 sanctioned to Revenue.
54. Do.	Do. do. ..	Laying new permanent-way over girder bridges, &c., north-west line.	9,659	3,06,302	3,15,961	9,537	2,78,787	2,88,324	Do. ..	Rs. 2,06,057 do.

Madras,
24th December 1895.

(Signed) F. DUNSTERVILLE,
Chief Auditor.

(Signed) E. A. WALLER, Major, R.E.,
Govt. Exr. of Railway Accounts.

(Signed) F. D. FOWLER,
for Consulting Engineer for Railways.

(Signed) J. M. EWING,
for Chief Engineer.

(Signed) A. EDWARDS,
for Agent and Manager.

Locomotive Department.

List of Open Capital Sanctions for the quarter ending 31st March 1896.

Register number and date.	Authority.	Works.	Sanctioned expenditure.			Expenditure as per Auditor's books up to 31st October 1895.			Date on which sanction closes.	Remarks.
			Cash.	Stores.	Total.	Cash.	Stores.	Total.		
1. 7 M.R. of 1890.	G.I. No. 840 R.C., dated 18th September 1890; G.O. No. 1515 R., dated 17th October 1890; G.O. No. 1515 R.C., dated 3rd December 1895.	*Furnishing additional screw-couplings to vehicles.*	RS.	RS.	RS.	RS.	RS.	RS.		
		3,230 screw-couplings	15,376	23,384	38,760	12,431	19,499	31,930	31st March 1896.	
		1,200 centre chains	1,050	6,900	7,950	1,023	6,061	7,084		
2. 5 M.R. of 1893.	G.I. No. 450 R.S., dated 20th December 1893; G.O. No. $\frac{3}{A}$ R., dated 8th January 1894.	Gas-making plant, lamp and fittings ..	12,469	1,41,280	1,53,749	5,018	7,000	12,018	31st Dec. 1895 ..	* Rs. 14,025 sanctioned to Revenue.
3. ..	G.O. No. 565 R., dated 20th October 1894; M.O.M., dated 27th February 1895.	Two composites	4,422	9,284	13,706	..	..	..	31st „ „	*
4. 6 M.R. of 1894.	G.I. No. 417 R.S., dated 3rd December 1894; G.O. No. 682 R., dated 11th December 1894; M.O.M., dated 27th February 1895.	Fitting automatic vacuum brake-gear for fifteen engines and fifty carriages.	2,000	39,368	41,368	..	..	..	31st „ „	*
5. ..	G.O. No. 386 R., dated 31st May 1895.	Two tank wagons for conveying oil, 15 tons.	1,540	6,360	7,900	510	1,550	2,060	31st March 1896.	
6. ..	Consulting Engineer's letter No. 2425, dated 26th July 1895.	Two trucks for carrying gas-holders ..	420	2,660	3,080	190	871	1,061	31st „ „	
7. ..	G.O. No. 511 R., dated 9th August 1895.	Fitting automatic vacuum brake-gear for six engines and tenders.	300	5,660	5,960	..	2,048	2,048	30th June „	
8. ..	Consulting Engineer's letter No. 3741, dated 22nd November 1895.	One support wagon for 15-ton travelling crane.	60	1,145	1,205	..	..	..	31st March „	
9. 2 M.R. of 1895.	Government of India, No. 421 R.S., dated 9th December 1895, and Consulting Engineer's letter No. 4056 of 16th December 1895.	Fitting automatic vacuum brake-gear for ten engines and fifty carriages.	6,200	31,060	37,260	..	..	..	31st „ 1897.	
10. ..	Consulting Engineer's letter No 3430 of 30th October 1895.	Supplying steam sanding-gear to certain engines.	120	1,054	1,174	..	..	..	31st Dec. 1896.	

* Application has been made for extension of date of lapse of sanction.

Perambur Works,
20th December 1895.

(Signed) F. DUNSTERVILLE,
Chief Auditor.

(Signed) E. A. WALLER, Major, R.E.,
Govt. Exr. of Railway Accounts.

(Signed) C. E. PHIPPS,
Locomotive Superintendent.

(Signed) F. D. FOWLER,
for Consulting Engineer for Railways.

(Signed) A. EDWARDS,
for Agent and Manager.

Telegraph Department.

List of Open Sanctions for the quarter ending 31st March 1896.

Register number and date.	Authority.	Works.	Sanctioned expenditure.			Expenditure as per Auditor's books up to 31st October 1895.			Date on which sanction closes.	Remarks.
			Cash.	Stores.	Total.	Cash.	Stores.	Total.		
			RS.	RS.	RS.	RS.	RS.	RS.		
1. 6 M.R. of 1889.	G.I. No. 649 R.C., dated 9th July 1889. G.O. No. 798 R., dated 25th July 1889. M.O.M., dated 25th July 1895. G.I. No. 1515 R.C., dated 3rd December 1895.	Revised estimate for the extension of block system and the introduction of starting semaphore signals, &c., on south-west and north-west lines, including additional stations.	64,943	1,01,818	1,66,761	61,071	97,780	1,58,851	30th Sept. 1896.	
2. ..	M.G.O., No. 111 R., dated 1st February 1889. M.O.M. dated 27th Feb. 1895.	Single needle instruments, batteries, &c., for trial and additional stations.	4,122	3,588	7,710	1,304	1,531	2,835	31st Mar. „ ..	
3. ..	G.O. No. 429 R., dated 15th Aug. 1894.	Lighting the Arkonam station and yard by electricity.	3,830	12,170	16,000	..	..	..	30th Sept. „ ..	Rs. 1,230 sanctioned to Revenue.

(Signed) F. DUNSTERVILLE,
Chief Auditor.

(Signed) E. A. WALLER, Major, R.E.,
Govt. Examiner of Railway Accounts.

(Signed) G. K. WINTERS,
Telegraph Engineer.

Arkonam,
21st December 1895.

(Signed) F. D. FOWLER,
for Consulting Engineer for Railways.

(Signed) A. EDWARDS,
for Agent and Manager.

Order—No. 42 R., dated 11th January 1896.

Ordered that the lists of open capital sanctions of the Engineering, Locomotive and Traffic Departments, Madras Railway, for the quarter ending 31st March 1896, be forwarded to the Government of India.

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

[Here enter No. 43 R., dated 11th January 1896.]

(True Extract.)

(Signed) F. R. UPCOTT,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Agent and Manager, Madras Railway.
„ Examiner, Railway Accounts, Madras.

Endorsement—No. 43 R., dated 11th January 1896.

Forwarded.

(By order.)

(Signed) F. R. UPCOTT,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Exd. Md. Pahilvan
Spare Copies

RAILWAY.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated January, 11th.

Recd. *Encl.*

G.O. Nos. 42, 43 R., 11th Jan. 1896.

JANUARY.

Open Capital Sanctions

Forwarding Proceedings embodying the lists of — of the Engineering, Locomotive and Traffic Departments, Madras Railway, for quarter ending 31st March 1896.

SERIAL No. 22

All communications should be addressed to the Secretary.

No. 234 R.C.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY CONSTRUCTION.

1

To

The Joint Secretary to the Government of Madras,
Public Works Department,
Railway Branch.

Calcutta, the 21st February 1896.

Go ×
No 197, 14/1/96

Sir,

With reference to items Nos. 53 and 54 of the list of open capital sanctions of the Madras railway for the quarter ending 31st March 1896, received with your memorandum No. 43 R., dated 11th January 1896, I am directed to point out that, under the ruling contained in Public Works Department Code Volume II, Chapter V, paragraph 39, rule XII (vide Standing Order No. 52 dated 9th August 1895) the sanction accorded in Government of India, Public Works Department, letter No. 3043 R., dated 11th December 1875 to the estimates for improved permanent way for girder bridges on the Madras railway, lapsed on the 11th December 1880, and that steps should be taken to renew the sanction if further expenditure has to be incurred.

I have the honour to be,
Sir,
Your most obedient servant.

G. A. Anderson
Offg. Under Secretary.

Documents accompanying.
Nil.

S.S.S.

21.2.96.

P. W. CURRENT No. 1962

Recd: 26.2.96

Form No. 21.
500—3-6-95.

EXAMINER
Sr. No. 82
2- MAR. 96
Enclosures........
RAILWAY ACCOUNTS, MADRAS.

SERIAL
No. 23

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,
Madras, 28th February 1896.

No. 665.

Encd 2/3

OFFICE NOTE.

Letter from the ~~Agent,~~ Government of India ~~Railway,~~ No. 234 R C dated 21st February 1896, forwarded to the Examiner of Railway Accounts, for favour of remarks.

CM 28/2

for E. R.

27/2

4/3

EXAMINER'S REPLY.

The necessity for renewal of sanction for these items was pointed out by this office in reply to E.R's office Note No. 3211 dated 10th Octr last; but on the explanation of the cause of the delay in completing the works given in Agent & Manager's No. $\frac{R20}{984}$ dated 1st November 1895, it was recommended that the items should be allowed to remain in the list of open capital sanctions with the words "in abeyance" noted against them and that renewal of sanction

should

should be obtained when further expenditure was to be incurred - vide this office reply to E.R's Office Note No 3485 dated 2nd November 1895.

India should be informed that the reason why renewal of sanction was not applied for was that work was not being proceeded with, pending the settlement of the question of the strength required of the bridges on the Madras Railway, and it was not certain when final orders would be obtained.

It should also be mentioned that instructions had been issued prohibiting any further outlay until renewal of sanction was obtained and that such sanction would have been applied for on the settlement of the matter in question.

If there is any prospect of the work being proceeded with, India may be asked to renew the sanctions otherwise the items may be omitted from future lists of open Capital sanctions.

3.3.96.

EHWallis

ER

CR

R/

Copy to Agent and ask him to inform us ~~when the work will~~ be ~~proceeded with~~ ~~in order~~ that application may be made for renewal of sanction 5/3 T.D.T.

If he thinks in view of the urgency of the strengthening of the girders that this work should go on and if so

(I dont think that the work should go on - it is very desirable that the strengthening of the girders should take precedence FHee 5/3

Form No. 4

SERIAL
No. 24

Office of the Consulting Engineer for Railways,
Madras, 6th March 1896

To

AGENT and MANAGER, M. R.

No. 759 Reply No. R20/201, dated 14.3.96

Reminders.

Subject.

Sir,

In forwarding herewith a copy of Govt. of India letter No. 234 R.C. of 21st February 1896. I have the honor to inquire whether you think, in view of the urgency of the strengthening of the girders, that the work referred to should go on, and if so, that application was [illegible] be made for renewal of sanction.

HH. 5/3

wts C 108 A93

(No. II.)

No. R20/201

W&S 16/3

SERIAL
No. 25

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 14th March 1896

From

The *Agent and Manager.*
Madras Railway

To

The *Consulting Engineer for Railways.*
Madras.

SIR,

Referring to your letter No. 959 of the 6th instant I have the honor to apply for the renewal of the sanction accorded in Government of India P.W.D letter No. 3043 R dated 11th December 1895 to the Estimates for improved permanent way for girder bridges on the Madras Railway

C108/93

I have the honor to be
Sir
Your most Obedt. Servant

Agent & Manager

Enc/nil

R. No. 1127
Recd. 16/3/96

MADRAS RAILWAY.

From
The Agent and Manager.

To
The Consulting Engineer
for Railways.

No.
Dated 188
Recd.

R. Form No. 14.

No. 255 R

SERIAL No. 26

13/-

Government of Madras.

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

To

The Secy: to the Govt: of India
P. W. Deptt
Calcutta

19th March 1896.

Sir,

With reference to your letter No: 234 R.C. of 21st February 1896, I am directed, at the instance of the Agent & Manager Madras Railway, to request the sanction of the Government of India to the revision of sanction accorded in its letter No 3043 R of 11th Decr. 1895 to the estimates for improved permanent way for girder bridges on the Madras Railway and to state that the reason why

why this application was not submitted earlier was that work was not proceeded with pending the settlement of the question of ~~the strength required of~~ strengthening the girders of these bridges ~~& it was not certain when final orders would be received~~. The Agent & Manager has however been prohibited from incurring any further outlay until renewal of sanction ~~is~~ be obtained.—

H.F. 17/3

Lr. No. 255 R. dated 19.3.96

Documents accomd:
-Nil-

Fair despd in R office
on 19.3.96

16/3 20/3. 21/3

No. 2

No. 528 R.C.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Railway Construction.

All communications should be addressed to the Secretary.

To

The Joint Secretary to the Government of Madras,
Public Works Department, Railway Branch.

Simla, the 20th April 1896.

Sir,

I am directed to acknowledge the receipt of your letter No. 255 R., dated 19th March 1896 requesting sanction to the renewal of the sanction accorded in Government of India letter No. 3043 R., dated 11th December 1875 to the estimates, amounting to Rs. 9,01,847, for improved permanent way for girder bridges on the Madras railway.

4108/96

2. In reply, I am to say that the Government of India consider that the estimates sanctioned in 1875 are now out of date, and to request that they may be furnished with a completion schedule showing the work done up to 31st March 1896 and also with a fresh estimate for the work remaining to be done.

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

E. A. [illegible]

Offg. Under Secretary.

Documents accompanying :-
Nil.

EM

communicate to AM for form of completion

H.F. 23/4

Recd

S.C.B

3996.

Recd: 28.4.96

No 1398
4.5.96

Reminder
~~1398/1 dy 1.7.96~~

8556

P.W. Current No: 3996.

SERIAL No. 28

India's letter No. 528 R.C.
of 20 April 1896.

Copy forwarded to the Agent & Manager Madras Railway for favor of compliance with reference to correspondence ending with his letter No 820/201 of 14th March 96.

2/5

3996

9 18/93

SERIAL No. 29

No. 528/1 R.C.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY Construction.

To

THE Joint Secy. to the Govt. of
Madras, P.W.D., Ry. Br.

Simla, the 25th June 1896.

The undersigned is directed to invite attention to the letter noted below, and to request that the reply may be expedited.

C Sykes
23/6
Asstt. ~~Under~~ Secretary.

P. W. D. No. 528 R.C. dated 20th April 1896.

Requesting to be furnished with a completion report of the work done up to 31.3.96 on providing improved permt. way for girder bridges, Madras Ry., and a fresh estimate for work remaining to be done.

Com. 29/6

H.M. 20.6.96.

G. C. Press Simla.—No. 1789 P. W. D.—20-3-96.—2000.

P. W. CURRENT No. 5847

Recd: 29.6.96

Form No.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,
Madras, 2nd July 1896.

Railway Department.

To
Am.

SERIAL
No. 30

No. 2020 Reply No. , dated

SIR,

I have the honor to request you will be so good as to let me know when I may expect a reply to my ~~letter~~ Endt No. 1398 dated 4.5.96.

2. A reminder on the subject has been received from the Govt of India.

CMM 1/7

Reminders.

No. 2020/1 d/ 4.8.96

P.D. 4/8

CMM 4/8

Issued 4/8/96

Despatched on 2-7-96

P.D. 1.7

(No. II.)
No. R20
584

SERIAL
No. 31

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,
Madras, 8th July 1896

From

The Ag: Agent and Manager.
Madras Railway

To

The Offg: Consulting Engineer for Railways.
Madras

Sir,

With reference to your letter No 2020 of the 2d instant, I have the honor to state the Chief Engineer writes as follows:-

"The information called for is now under preparation but in view of the numerous enquiries which have to be made in connection with the preparation of the Estimate it will not be possible to forward it much before the end of the current month."

I have the honor to be
Sir,
Your most obedt. Servt.

Henry West
Ag. Agent & Manager

Await further information
VMM 25/7

Encl nil

C. No. 2901
Recd. 9/7/96

MADRAS RAILWAY.

From
The Agent and Manager.

To
The Consulting Engineer
for Railways.

Dated 188
Recd.
No.

SERIAL
No. 32

No. $\frac{528}{2}$ R.C.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY Construction.

To

THE Jt. Secy. to the Govt. of Madras, P.W.D., Ry. Bh.

Simla, the 17th July 1896.

The undersigned is directed to invite attention to the letter noted below, and to request that the reply may be expedited.

CHSykes 16/7
~~Asst.~~ Secretary.

P. W. D. No. 528 R.C. dated 20th April 1896.

Requesting to be furnished with a completion ~~of the work~~ schedule of work done in providing improved permanent way for girder bridges on the Madras Ry., & with a fresh estimate for work remaining to be done.

CMM. 21/7.

G. C. Press, Simla.—No. 1643 P. W. D.—27-2-96.—100.

HPM 15-7-96

Remind for 1st August

Done

CMM

P. W. CURRENT No. 6556

Ans: 21.7.96

SERIAL
No. 33

No. $\frac{528}{3}$ R.C.
GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY Constn. —

To

The Joint Secy. to the Govt. of Madras,
P.W. Dept., Ry. Bh. —

Simla, the 24th Augt. 1896.

The undersigned is directed to invite attention to the letter noted below, and to request that the reply may be expedited.

C. Hykes,
2/8

Asstt. ~~Under~~ Secretary.

P. W. D. No. 528 R.C. dated 20th April 1896.
Requesting to be furnished with a completion schedule of works done as regards providing improved permt. way for girder bridges on the Madras Ry. up to 31st March 96, & a fresh estimate for work remaining to be done.

Stg. R. 17.8.96.

G. C. Press, Simla.—No. 3643 P. W. D.—27-2-96.—100.

SERIAL No. 34

Form No.

Office of the Consulting Engineer for Railways,

Madras, 2nd September 1896.

Railway Department.

To

The Agent and Manager
Madras Railway

No. 2705 Reply No. 783, dated 4/9

Sir,

I have the honor to request you will be so good as to let me know when I may expect a reply to my ~~letter~~ Endt. No. 1398 dated 4. 5. 96 promised in your letter No. 584 of 8.7.96

2. A 3rd reminder on the subject has been received from the Govt of India.

Reminders.

Despatched on 2/9/96

(No. II.)
No. R20
783

SERIAL
No. 35

M 5/9

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 4th September 1896.

await

From

The Ag: *Agent and Manager.*
Madras Railway

To

The *Consulting Engineer for Railways.*
Madras.

Sir,

In reply to your letter No. 2905 of the 2d instant on the subject of the laying of new Permanent Way over girder bridges I have the honor to state that the information called for therein will be sent to you in the course of a few days.

I have the honor to be,
Sir,
Your most Obedt. Servt.

Henry C. Walsh
Ag: Agent & Manager

Encl: nil

R. No. 3837
Recd. 5/9/96

MADRAS RAILWAY.

From
The Agent and Manager.

To
The Consulting Engineer
for Railways.

Dated 188
Recd.
No.

To. A.M.

Sir,

in reply to your letter $\frac{R\ 20}{789}$ d. 7/9/96 I have the h. to request that the "Completion Schedule" called for by Govt. of India may be submitted in the usual form.

15/9

Madras Office

Please see E.R's remarks on A.M's letter $\frac{R\ 20}{789}$ of 7 Septr 1896 which must go to C.R. with this draft.

15/9

SERIAL
No. 36

It appears from the Chief Engr's statement quoted in A. & M.'s letter No $\frac{R\,20}{789}$ d/. 7th inst. that no further outlay is intended to be incurred on this estimate. The A. & M. should therefore be asked to submit a completion report for the work done, and proposals for utilising the materials on hand valued at Rs 63,323. If these materials are not worth the amount at which they stand in the books, the depreciation should be charged off against the estimate before submitting the completion report.

18 1/96

SERIAL No. 37

Form No. 4.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 25th Septr 1896.

To

AGENT AND MANAGER, M. R.

No. 3048 Reply No. , dated

Reminders.

Subject.

SIR,

With reference to your letter No. R20/789 of 7th September 1896 I have the honour to observe from the Chief Engr's statements that no further outlay is intended to be incurred on this estimate & to request that you will ~~kindly~~ submit a completion report for the work done and ~~the~~ proposals for utilising the materials on hand valued at Rs 63,323. If these ~~materials~~ materials are not worth the amount at which they stand in the books, the depreciation should be charged off against the estimate before the submission of the Completion report.

for C.E. 21/9

Despatched 25-9-96

Public Works (1896) Department

Current No: 8868

SERIAL No. 38

4th Reminder

No. $\frac{528}{4}$ R. C.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY Construction.

To

THE Jt. Secy. to the Govt. of
Madras, P.W.D., Ry. Br.

Simla, the 29th Sept. 1896.

Recd: 3.10.96

The undersigned is directed to invite attention to the letter noted below, and to request that the reply may be expedited.

C. Sykes 28/9

Asstt. ~~Under~~ Secretary.

P. W. D. No. 528 R.C, dated 20th April 1896.
Requesting to be furnished with a completion ~~report~~ schedule of work done up to 31-3-96 on the work of providing improved permt. way for girder bridges on the Madras raily., & with a fresh estimate for work remaining to be done.

Stf. R. 16.9.96

G. C. Press, Simla.—No. 1643 P. W. D.—27-2-96.—100.

D A.C.

SERIAL
No. 39

Form No.

Railway Department.

Office of the Consulting Engineer for Railways,
Madras, 7th October 1896.

To

A M.

Vide Ans 895 of 10.10.96

No. 3172 Reply No. , dated

Sir,

I have the honor to request you will be so good as to let me know when I may expect a reply to my letter No. 3048 dated 25th September 1896

2. A fourth reminder on the subject has been received from the Govt of India.

Reminders.

ACM 7/10

Despatched on 7/10/96

7.10

SERIAL
No. 40

(No. II.)
No. 9566
895

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 10th October 1896

Await

From

The Ag Agent and Manager.
Madras Railway.

To

The Consulting Engineer for Railways.

Sir,

With reference to your letter No. 3172 of the 7th instant, I have the honor to inform you that I hope to be able to reply to your letter No. 3048 of the 25th ultimo, in the course of a few days. I am waiting for some information from the Ag Chief Engineer.

I have the honor to be,
Sir,
Your most obedient Servant,
Henry C. Walsh
Ag Agent & Manager.

Enclos nil.

G. No. 4443
Recd. 12/10/93

MADRAS RAILWAY.

From
The Agent and Manager,

To
The Consulting Engineer
for Railways.

Dated 188
Recd.
No.

(A. & M. C.)
Enclosures

No. 9566
914

#17/60

Madras Railway Company,
AGENT & MANAGER'S OFFICE,
RAYAPURAM TERMINUS,

SERIAL
No. 41

Madras, 13th October 1893.

From

The Ag. Agent & Manager,
Madras Railway Company.

To

The Consulting Engineer for Railways,
Madras.

Sir,

With reference to your letter No. 5048 of the 25th ultimo, I have the honour to enclose a statement of the new permanent way materials for bridges on hand at 30th June last. This statement also contains the proposals of the Ag. Chief Engineer for disposing of them. I have suggested to him the advisability of retaining some of the cross beams for renewals in case of accident.

2. Will you kindly inform me if you desire the completion report to be submitted at once with the amount of depreciation estimated or if you desire it to be submitted after the stores have been sold when the actual loss can be given.

3. It may be mentioned that the difference between the total amount given in the enclosed statement and the amount given in my previous letter represents (the Ag. Chief Engineer explains) the value of certain materials which have been used on the line since the stores balances for December last were made up.

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

Henry West

Ag. Agent & Manager.

New Permanent Way materials for Bridges in stock on 30th June 1896.

Description	Quantity	Value			Total			Proposed manner of disposal.
Rails steel Flat bottom 20 feet — No.	571	14	4	"	8136	12	"	To be kept for building purposes and use in Bridges &c
— do — do — 16 feet — "	15	9	.	.	135	"	.	
Cross Beams 17 feet — "	744	30	.	.	22,320	"	"	To be sold - Lists to be circulated.
— do — 17'-9" — "	455	15	"	.	6,825	.	.	
Angle Ties — "	324	10	.	.	3,240	.	.	To be sold by auction.
Railing standars — .	1,331	2	"	"	2,662	.	.	To be sold - List to be circulated.
Elbow Brackets — "	1,359	1	8	"	2,038	8	.	To be sold by auction.
Tie Rods — "	703	1	"	"	703	.	"	To be retained for use in Workshops.
Gusset Plates A — "	786	"	13	6	663	3	.	To be sold by auction.
— do — B — "	1,343	"	13	6	1,133	2	6	
Bed Plates — "	6,168	"	12	6	4,818	12	"	
W. I. Plates or Filling pieces — "	138	"	12	.	103	8	.	
Back Plates — "	1,495	.	8	.	747	8	.	
Iron Angle — "	2,338	"	8	.	1,169	"	"	
Fang Bolts — "	16,340	.	1	11	1,957	6	4	Some to be kept for renewals & balance sold by auction.
Screws coach — "	496	"	1	.	31	"	.	Can be used in Workshops.
Rivets Iron of sizes — "	69,606	.	"	9	3,262	12	6	To be sold by auction.
W. I. T. Bars — "	34	11	"	"	374	.	"	
— do — Plates — "	209	5	1	.	1,058	1	.	
					61,378	9	4	

Sd/. E. W. Stoney.
Ag Chief Engineer.

Madras Railway Company
Chief Engineer's Office
Madras 30th September /96.

(True copy)

Ag Agent & Manager.

Enc. No. 1 to E. Rᵗˢ. C. No. 4556 of 1896
Letter No. 914 d/ 16·10·96
From Agt

Form No. 21.
500—5-3-96.

JGH 20/10/96

SERIAL
No. 42

EXAMINER,
Regr. No. 539
20 OCT. 96
Enclosures.....................
RAILWAY ACCOUNTS, MADRAS.

Office of the Consulting Engineer for Railways,
Madras, 19ᵗʰ October 1896.

No. 3283.

OFFICE NOTE.

Letter from the Agent, and Manager Mads Railway, No. 9566/914 dated 16ᵗʰ October 1896, forwarded to the Examiner of Railway Accounts. for favor of remarks.

CMH 19/10

for E. R.

EXAMINER'S REPLY.

21.10

As there has already been great delay in replying to the Government of India, I would suggest that the completion report be submitted at once; depreciation on the stores being estimated.

J.G. Heaven
20-10-96
Offg E.R.

JGH 21/10

SERIAL
No. 43

Form No. 4.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,
Madras, 22^d October 1896.

To

AGENT AND MANAGER, M. R.

No. 3338 Reply No. 9566/1063, dated 27. 11. 96

Reminders.

Subject.

SIR,

With reference to your letter No: 9566/914 of 16 October 1896, I have the honour to request that, as there has already been great delay in replying to the Govt. of India, ~~the com~~ you will be so good as to submit the completion Report at once with the amount of depreciation estimated. —

J.F.
21/10

Despatched on 22/10/96.

Rd

SERIAL
No. 44

Public Works (1896) Department.

CURRENT No. 9673

Order

From
The Government of India
P. W. Department,
Simla.

No. 1603 R.C.

Dated 22d } October 1896
Received 27 }
Enclosures Nil
Spare copies —

SUBJECT.

Completion schedule showing work done in improving the permanent way over the girder bridges on the Madras Railway up to 31st March 1896.

Inviting attention to P.W. no: 528 R.C. of 20.4.96 an enquiring when the Govt of India may expect to receive the —

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date

HA 27/10

All communications should be addressed to the Secretary.

No. 1603 R.C.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Railway Construction.

To

The Joint Secretary to the Government of Madras,
Public Works Department, Railway Branch.

Simla, the 22nd October 1896.

Sir,

I am directed to invite your attention to Public Works Department letter No.528 R.C., dated 20th April 1896, and four subsequent reminders, and to enquire when the Government of India may expect to receive the completion schedule showing work done in improving the permanent way over the girder bridges on the Madras railway up to 31st March 1896, and also the fresh estimate for the work that still remains.

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

G A Anderson

Offg. Under Secretary.

Documents accompanying :-
Nil.

SERIAL No. 45

Form No.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,
Madras, 28th Octr 1896

Railway Department.

To
A M

No. 3416 Reply No. 962 dated 29/x

Sir,

I have the honor to request you will be so good as to let me know when I may expect a reply to my letter No. 3338 dated 22nd Octr 1896

2. A fifth reminder on the subject has been received from the Govt. of India —

Reminders.

CMM 28/10

Despatched on 28/10/96.

(A. & M. 1.)

No. 9566/962

JHK 30/10

SERIAL No. 46

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 29th October 1896.

From

The Ay: *Agent and Manager,*
M.R. C/57.

await receipt of Completion Report

CMW

W.E.R.

To

The *Consulting Engineer for Railways,*
Madras.

SIR,

In reply to your letter No. 3406 of the 28th instant, I have the honour to inform you that the Completion report called for will be submitted to you in the course of a week.

I have the honour to be,
Sir,
Your most obedt. Servant,

Henry C. West

Ay. Agent & Manager.

Encl nil.

SERIAL
No. 47

(No. I.)

5000-15-3-88.

No. ~~9566.~~
1063

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 27th November 1896.

From

The Ag: Agent and Manager,
Madras Railway Company,

To

The Consulting Engineer for Railways,
Madras.

SIR,

I have the honour to forward herewith the Completion report of the undermentioned works called for in your letter No. 3335 of the 22nd ultimo.

Laying New Permanent Way over Girder Bridges on the South West and N. W. Lines.

I have the honour to be,
Sir,
Your most obedt. Servant,

Henry West

Ag. Agent & Manager.

Enclosure.

C. No. 5789
Recd. 30-11-96

Madras Railway
Engineering Department
Division West Line

Completion Report No.
Name of work. For Improved Permanent Way for Girder Bridges on the Madras Railway
Amount of Estimate. Rs 8,86,625.
Expenditure Rs 7,42,209
Difference " 1,44,416.
Percentage of Excess (if any)
Date of commencement July 1876
Date of completion. The unfinished portion of this work has been abandoned.

Forwarded to the Chief Auditor, Madras Railway for verification as this office No. dated.

(Signed) Ewing
for Ag Chief Engr
M. R.

Returned to the Chief Engineer Madras Railway duly verified.

(Signed) J. Clarke
for Chief Auditor
M. R.

26 Nov. 1896.

Sub heads of Estimate	As per Estimate			As Executed			Difference			Stores issued to work		Stores used on the work		Balance of Stores issued to be returned into stores		Explanation of difference between Estimate and executed work
	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount	Description	Quantity	Description	Quantity	Description	Quantity	
		Rs a p	Rs a p		Rs a p	Rs a p		Rs a p	Rs a p							
Large Bridges—			886,625 - -			692,209 - -										
Add Estimated depreciation on new materials in hand obtained for this work but which are not to be used on it. . . .						50,000 - -										
						742,209 - -			144,416 - -							

I do hereby certify that such portion of this work as has been undertaken has been fully executed in a substantial and satisfactory manner, as regards materials and workmanship & corresponds in all respects with the sanctioned plan and estimate and that for the reasons given in Chief Engineer's letter No. 9/1119 of 4th Sept 1896 it is intended that no further outlay be incurred on this Estimate.

Approved.

(Sd) T. W. Ewing

for Ag Chief Engr.

13th Nov 1896

FORM No. 21.
500—5-3-96.

SERIAL
No. 48

EXAMINER, RAILWAY ACCOUNTS, MADRAS.
Regr. No. 615
1- DEC 96
Enclosures

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,
Madras, 30th November 1896.

No. 3804.

OFFICE NOTE.

hd 1/12

Letter from the Agent, & Manager Madras Railway, No. 9566/1063 dated 27th November 1896, forwarded to the Examiner of Railway Accounts for favour of remarks.

30/11

for E. R.

EXAMINER'S REPLY.

4/12

What was apparently re-quired by the Govt: of India
a statement shewing in detai
the actual work done again
the estimate, and the balance
unfinished; but as no further
outlay will be incurred aga
-st the work the completion
report as submitted by the Co
will probably satisfy the Gov
of India.

It should be pointed ou
that the estimate as revise
from time to time now
stands

stands at Rs 8.86.625 against Rs 9.01.847 as originally sanctioned

E W Walker

C.R.
3.12.96

(No. 1.)
No. R 20

789

MADRAS RAILWAY.

SERIAL
No. 35(a)

AGENT AND MANAGER'S OFFICE,

Madras, 7th September 1896

to Secty
8/9

From

The Ag *Agent and Manager.*
M.R.C.

To

The *Consulting Engineer for Railways.*

SIR,

With reference to correspondence ending with your letter No 2705 of the 2nd instant, I have the honour to enclose statements shewing

(1) the number of bridges which have been fitted with the new permanent way up to the 31st March last.

(2) the bridges which have not been so fitted and

(3) the cost of laying the new permanent way on bridges which have not yet been fitted with it.

The Ag Chief Engineer in forwarding this information writes:-

"Of the sanctioned estimate for Rs 9.01.847 a sum of Rs 3.94.840/ has been expended to date, while materials of the value of Rs 63.323/ still remain in in hand.

"I would however recommend that no further outlay should be incurred on this work for the following reasons:-

(1st) The new permanent way superstructures have not proved satisfactory in use.

In spans of 30 feet and under rolled cross beams are fastened by by brackets to the webs of the girders which are of course very thin, and the rivets and connections consequently work loose.

While in the larger spans the countersunk rivets which secure the rolled beams to the flanges are also found to continually get loose.

(2d) There is much more difficulty and trouble experienced in renewing the longitudinal timbers on which the rails are carried on bridges fitted with new Permanent way than ordinary cross sleepers.

(3) The iron cross beams which support the longitudinal timbers that carry the rails are in all

new

sta
Rs 9.
san

MADRAS RAILWAY.

From
The Agent and Manager.

To
The Consulting Engineer
for Railways.

Dated 188

Recd.

No.

---

new Permanent way Bridges 4 feet apart centre to centre, while the diameter of wagon wheels is 3'-7", so that if a derailment occurred on any Bridge fitted with New Permanent way it is almost certain that the wheels of the first vehicle which got off the rails would drop between the wrought Iron cross beams as illustrated in the enclosed diagram, and so wreck those following, and possibly the Bridge also.

(4th) The ordinary cross sleeper road is cheaper in first cost, more easily maintained, and much safer, as in several instances on this Railway derailed vehicles have run safely over girder Bridges laid with cross sleepers; and finally these are smoother and less noisy to run over."

"I regret the unavoidable delay that has taken place in answering your above quoted letter,

as

sta
Rs 9.
san

MADRAS RAILWAY.

From
The Agent and Manager.

To
The Consulting Engineer
for Railways.

No.
Dated 188
Recd.

---

as before doing so I wished to have accurate lists of Bridges done, and to be done, made and checked, and this has occupied considerable time.

I have the honour to be,
Sir
Your most obedt Servt.

Henry C. West
Ag Agent & Manager

Encl: 3 Statements
1 plan

W.A.C.

C.R.

A.M. has submitted a Statt. of bridges fitted with the New P.Way and he states in his letter that the cost has been 3,94,840/- has been expended and materials valued at 63,327/- are in hand - will India accept this as a "completion ~~est~~ schedule" as asked for in 528 Re.? ~~or~~ ~~Stmt~~ If you think not draft herewith to A.M. may issue

F.W.A. 15/9

3875
8/9/96

Enclo/4

MADRAS RAILWAY.

From The Agent and Manager.

To The Consulting Engineer for Railways.

No.

Dated 188

Recd.

Madras Railway

Summary of Bridges on the Madras Railway that are not fitted with New Permanent Way.

9 feet Openings No. 84 Spans.
12 " — do — " — 93 — " —
15 — " — do — " — 18 — " —
20 — " — do — " — 83 — " —
22 — " — do — " — 7 — " —
30 — " — do — " — 43 — " —
50 — " — do — " — 2 — " —
64 — " — do — " — 27 — " —
Two 20, and one 50 feet — 1 — " —
One 20 and five 64 feet — 1 — " —

Chief Engineer's Office
4th September 1896.

(Signed) E. W. Stoney
Ag. Chief Engineer

(True copy)

Henry West
Ag. Agent & Manager

st
Rs 9.
sa

E. N. G. No. 3875 of 1896
789 d/ 7.9.96
Am

Madras Railway.

Summary of Bridges on the Madras Railway fitted with New Permanent Way up to the 31st March 1896.

9 feet	Openings	No. 126	Spans.
12 "	do	" 176	"
15 "	do	" 31	"
20 "	do	" 99	"
22 "	do	" 33	"
30 "	do	" 126	"
50 "	do	" 13	"
64 "	do	" 219	"

(Signed) E. W. Stoney,
Ag. Chief Engineer

Chief Engineer's Office
4th September 1896.

(True Copy)

Harry West
Ag. Agent & Manager

WW

Eng. No. 2 to E. R. C. No. 3875 of 1896
Letter No. 789 d/ 7.9.96
From Asn

Madras Railway

Estimate for laying New Permanent Way still to be do
on Bridges

I. Estimated cost of laying New Permanent way on remaining Bridges that are sanctioned as per Government of India Letter No. 3043R. dated 11th December 1875

9 feet openings No. 77 spans @ 265/. each	20,405	
12 " do " 90 " @ 357/. "	32,130	
15 " do " 10 " @ 402/. "	4,020	
20 " do " 55 " @ 526/. "	28,930	
30 " do " 37 " @ 1,531/. "	56,647	
50 " do " 2 " @ 2,431/. "	4,862	
64 " do " 23 " @ 2,305/. "	53,015	
Two 20 and one 50 feet No. 1 span @ 3,262/. "	3,262	
		203,271

Note (a) The undernoted Bridges included in the above estimate were excluded by the Chief Engineer after sanction was obtained. It being decided not to lay New Permanent way on them.

9 feet openings No. 2 spans.
12 " do " 23 "
20 " do " 5 "
50 " do " 2 "

(b) The undernoted Bridges included in the above Estimate were formerly laid with New Permanent Way, but this was removed when the Bridges were strengthened.

20 feet openings No. 3 spans.
22 " do " 7 "

Carried over Rs. 203,271

3 TO E. P. C. No. 3875 OF 1896
No. 789 d 7-9-96
Am

Brought forward Rupees 2,03,271

II. Estimated cost of laying New Permanent Way on Bridges that were not included in the sanction for Rupees 9,01,847/. mentioned above.

9 feet Openings No. 7 Spans @ 265/. each	1,855			
12 " do " 3 " @ 357/. "	1,071			
15 " do " 8 " @ 402/. "	3,216			
20 " do " 28 " @ 526/. "	14,728			
22 " do " 7 " @ 540/. "	3,780			
30 " do " 6 " @ 1531/. "	9,186			
64 " do " 4 " @ 2366/. "	9,464			
One 20, and five 64 feet 1 " @ 12620/. "	12,620			
		55,920		
Total Rupees		2,59,191		

Chief Engineer's Office
4th September 1896.

(Signed) E. W. Stoney
Ag. Chief Engineer

/ True Copy /

[illegible] West
Ag. Agent & Manager.

W.A.C.

R. Form No. 12.

No. 1027.C.

SERIAL No. 49

Government of Madras.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

To

The Secy. to the Govt. of India,
P. W. Department.

Madras, the 8th December 1896.

Sir,

With reference to para 2 of your letter No. 528 R C of 20th April 1896, I am directed to forward herewith the completion report of the work done in improving the Permanent way over the girder bridges on the South West and North West lines of the Madras Ry. upto 31st March 1896 and to state that the estimate as revised from time to time now stands at Rs 8,86,625 against Rs 9,01,847 originally sancd.

Enc. $\frac{R20}{789}$ d 7.9.96.

2 - A copy of a letter from the Agent and Manager Madras Ry. is attached in which he puts forward reasons for his recommendation that no ~~more~~ further outlay should be incurred on this work. I am to say that this Govt. concurs in the views expressed by the Agent.

J.W.T. 4/12

Documents sent

(1) Completion Report.
(2) Copy of agent's letter referred to with 4 encls.

C.M.M. 4/12

Offg R.
4-12-96

Despd 8/12/96

W. 4/12

B/
No. 1027. R dated 8/12/96

SERIAL No. 50

Public Works (1897) Department.

CURRENT No. 838

Order No: 324 d 26. 1. 97.

Copy forwarded to the Agent & Manager Madras Railway for information.

2. The completion report is herewith ~~of~~ returned for record in the minutes of the next offl meeting.

Copy to CR for information

HH 26/1/97

for ER 25-1-97

for [illegible]

Despatched on 26/1/97

[illegible] 25/1/97

From The Govt of India P. W. D.

No. 86 RC

Dated 16th January 1897

Received 23.1.97

Enclosures one

Spare copies

SUBJECT.

Girder bridges on the Madras Railway

Passing orders on the completion report relating to the improvement of the P. Way over the —

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

23(1(5))

All communications
should be addressed
to the Secretary.

No. 86 R.C.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
Railway Construction.

5

To

The Joint Secretary to the Government of Madras,
Public Works Department, Railway Branch.

Calcutta, the 16th January 1897.

Sir,

I am directed to acknowledge the receipt of your letter No.1027 R., dated 8th December 1896 forwarding a completion report, amounting to Rs.7,42,209, of the work done in improving the permanent way over the girder bridges on the South West and North West lines of the Madras railway up to the 31st March 1896, together with copy of letter from the Agent of the Railway Company recommending that no further outlay should be incurred on the work, in which view, it is stated, the Government of Madras concur.

c133/95

2. In reply, I am to say that the Government of India approve of the proposal that no further outlay should be incurred on the work in question, and that the completion report, which is herewith returned, should, therefore, be disposed of locally, the accounts of the works closed and the items omitted from future lists of Open Capital sanctions.

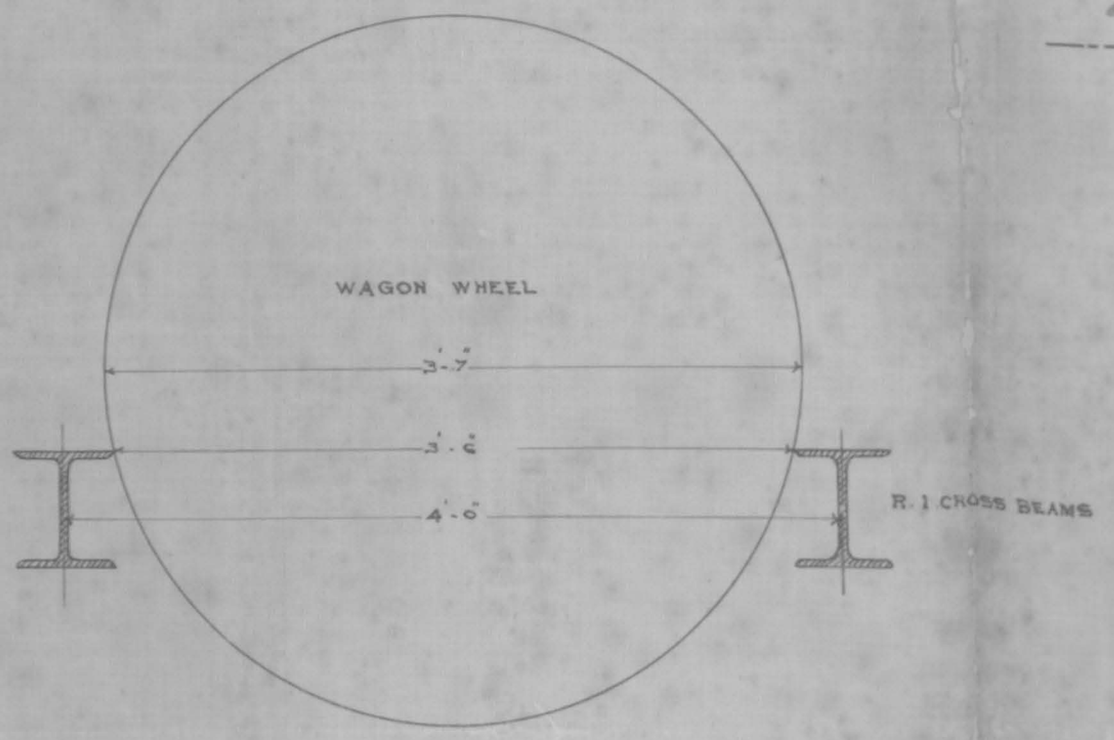
I have the honour to be,
Sir,
Your most obedient servant,

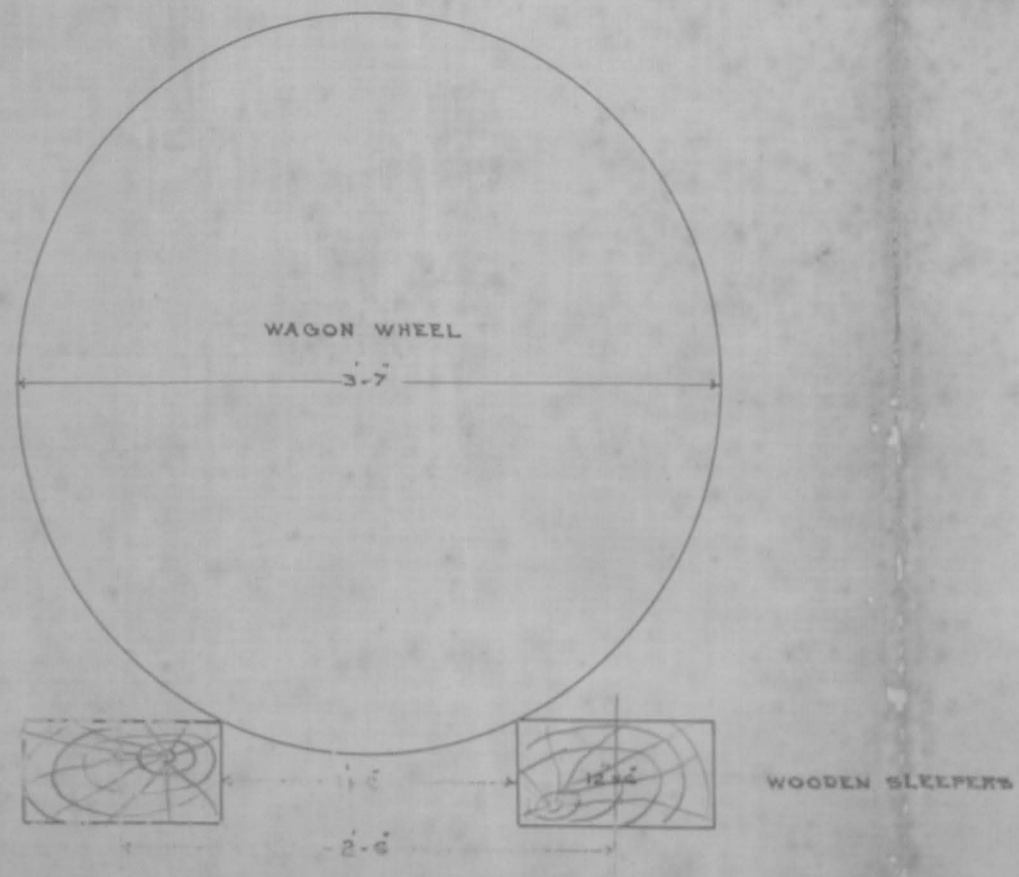
G. A. Anderson
Under Secretary.

Document accompanying:-
Completion report (in original).

DIAGRAM TO ACCOMPANY CHIEF ENGINEER'S LETTER No. C/1119

E. B. Stracey
AG: CHIEF ENGINEER
4th SEPTEMBER 1896





SCALE 1 FOOT = 1 INCH

To E.R.ie No. 3875 6
789 7-9-26
Am