

(1) Number of pages _____

(2) Date of repair _____

3. Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 27-198 (Ry)	Press Mis-
Dated 22 / 1	1877.

Not to be folded or roughly handled

No. 381. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 17th January 1877, No. 33 :—

I HAVE the honor to submit herewith, for transmission to the Government of India, a list of the Capital sanctions in force in the Engineering and Locomotive Departments of the Madras Railway during the quarter ending 31st March 1877.

MADRAS RAILWAY.

LIST OF OPEN SANCTIONS FOR THE QUARTER ENDING 31st MARCH 1877.

Bills for Works closed on the 31st December 1876 will be passed up to 31st March 1877 only, but no work must be done after the 31st December 1876. N.B.—Expenditure incurred on works not in this List will not be passed unless formal sanction has been previously obtained.

Register Number and Date.	Authority.	Works.	SANCTIONED ESTIMATE.			EXPENDITURE AS PER AUDITOR'S BOOKS UP TO 15th DECEMBER 1876.			Date on which Sanction closes.	Remarks.
			Indian.	English.	Total.	Indian.	English.	Total.		
32 M. R. of 1875-76.	G.I., No. 3,043 R. of 11th December 1876.	Laying new Permanent-way over girder bridges, South-west Line.	7,969	2,16,116	2,24,085	..	..	..	31st March 1878.	Rupees 1,39,972 sanctioned to Revenue.
38 do do	G.I., No. 684 R. of 7th March 1876.	Renewing with iron telegraph standards between Madras and Arcot.	..	20,886	20,886	..	..	..	Impossible to fix a date.	Rupees 14,062 sanctioned to Revenue.
31 do do	G.I., No. 2,354 R. of 22nd September 1874.	Piping for water supply in case of fire at Royapuram.	875	8,475	9,350	..	..	..	30th June 1877.	Rupees 43 sanctioned to Revenue.
30 do do	G.I., No. 2,301 R. of 18th September 1874.	Extending north and south platforms and constructing latrine for natives at Perambore.	12,035	357	12,392	..	..	..	30th Sept. "	..
18 do 1875-76	G.I., No. 2,091 R. of 20th August 1875.	New smithy at Perambore Workshops ..	26,806	76,551	1,02,157	..	..	..	31st March "	..
11 do do	G.I., No. 1,681 R. of 6th July 1876.	Iron and brass foundry do.	13,659	19,100	32,759	..	..	..	do	..
do do	do do	Making ground for smithy and foundry at workshops.	6,255	4,368	10,623	..	..	..	do	..
12 do do	G.I., No. 1,697 R. of 8th July 1876.	Watering arrangements at workshops ..	15,863	48,238	64,101	..	..	..	30th Sept. 1877 ..	..
....	C.E., No. 884 of 21st August 1876.	Auxiliary well at Arcot ..	1,280	..	1,280	..	..	..	do	..
37 M. R. of 1872-73.	G.I., No. 1,866 G.R. of 1st November 1873.	Protective works for the Poimay bridge.	1,109	3,430	1,85,931	..	..	..	do	Revised estimate with Government.
....	C.E., No. 1,013 of 29th September 1876.	Loading platform and siding at the Veerinjipooram station.	1,842	1,735	3,077	..	..	..	30th Sept. 1877 ..	..
do do	G.I., No. 1,868 G.R. of 1st November 1873.	Protective works for the Goriatum bridge.	60,276	2,040	62,316	..	..	..	..	Revised estimate with Government.
20 do do	G.I., No. 1,640 G.R. of 14th October 1873.	Protective works for the Palar bridge ..	60,493	968	61,461	..	..	..	..	..
27 do 1874-76.	G.I., No. 2,113 R. of 4th September 1874.	Renewing with iron telegraph poles between Vanimbady and Puttambhy.	..	72,298	72,298	..	..	..	Impossible to fix a date.	Rupees 61,143 sanctioned to Revenue.
....	C.E., No. 837 of 3rd July 1875.	Shed over the goods transhipping platform at Jollapett.	3,112	10,709	13,821	..	..	..	30th Sept. 1877 ..	..
....	C.E., No. 1,155 of 31st October 1876.	Three fuel stagings at Jollapett station.	2,275	..	2,275	..	..	..	31st Dec. 1877 ..	..
....	M.G.O., No. 782 of 28th March 1876.	Overbridge and roofing in native urinals at Jollapett.	4,674	7,906	12,579	..	..	..	30th June 1877 ..	Rupees 62 sanctioned to Revenue.

Proceedings of the Madras Government, Public Works Department, 22nd January 1877. No. 198.

41 M. R. of 1875-76.	G.I., No. 866 R. of 28th March 1876.	Protective works in the cutting south of the "Tiger" Rock, Bangalore Branch.	16,323	..	16,323	9,800	32	9,832	31st March 1878 ..	..
42 do do	G.I., No. 881 R. of 29th March 1876.	Two 30 feet wrought iron girder openings at 203rd mile, 14th telegraph post, Bangalore Branch.	10,512	5,502	16,014	86	..	86	30th June 1877 ..	Rupees 4,533 sanctioned to Revenue.
....	C.E., No. 5 of 4th January 1876.	Erecting an iron tank at Malleppooram ..	..	1,701	1,701	..	1,688	1,688	31st March "	Rupees 2,086 sanctioned to Revenue.
....	C.E., No. 967 of 9th September 1876.	Goods godown and platform sidings, &c., at Sunnerydroog station.	4,517	4,301	8,818	995	3,227	4,222	do	Rupees 165 sanctioned to Revenue.
....	M.G.O., No. 1,350 of 21st July 1876.	Timber platform, altering Permanent-way, and providing a 5 ton crane at Coimbatore.	2,941	..	2,941	..	..	..	31st Dec. 1876 ..	Rupees 693 sanctioned to Revenue. Work held in abeyance.
17 M. R. of 1873-74.	G.I., No. 281 R. of 23rd July 1873.	Renewing the line between Muddikerry and Palghat with iron pot-sleepers ..	..	36,782	36,782	..	27,051	27,051	Impossible to fix a date.	..
6 do 1876-77.	G.I., No. 1,831 R. of 14th July 1876.	Station Master's house at Muddikerry ..	1,456	..	1,455	39	..	39	30th Sept. 1877 ..	..
4 do do	G.I., No. 1,811 R. of 14th July 1876.	do do at Conjeevore ..	1,456	..	1,456	43	..	43	do	Work held in abeyance.
....	C.E., No. 567 of 30th May 1876.	Alterations to provide waiting-room for third-class passengers at Palghat ..	1,729	451	2,180	642	32	674	30th June 1877 ..	Rupees 33 to Revenue.
4 M. R. of 1876-77.	G.I., No. 1,811 R. of 14th July 1876.	Station Master's house at Purley ..	1,457	..	1,457	43	..	43	30th Sept. "	Work held in abeyance.
do do	do do	do do at Luckady ..	1,457	..	1,457	39	..	39	do	do
....	C.E., No. 955 of 9th September 1876.	Goods godown and platform, and alterations and additions to the Permanent-way at Luckady station.	2,538	1,109	3,642	..	..	..	do	Rs. 1,241 to Revenue. Work held in abeyance.
4 M. R. of 1876-77.	G.I., No. 1,811 R. of 14th July 1876.	Station Master's house at Puttambhy ..	1,456	..	1,456	42	..	42	do	Work held in abeyance.
do do	do do	do do at Cottipooram ..	1,459	..	1,459	32	..	32	do	do
do do	C.E., No. 1,284 of 1st December 1876.	do do at Tiroor ..	2,271	20	2,291	..	..	..	31st Dec. 1877 ..	Term extended.
....	G.I., No. 1,811 R. of 14th July 1876.	do do at Tanoor ..	1,460	..	1,460	32	..	32	30th Sept. "	Work held in abeyance.
....	M.G.O., No. 2,620 of 28th Sept. 1876.	Goods godown and platform sidings, &c., at Tanoor station.	4,556	3,593	8,149	..	..	..	31st Dec. 1878 ..	Rs. 248 to Revenue. Work held in abeyance.
6 M. R. of 1876-77.	do do	Goods godown and platform sidings, &c., at Perampalay.	1,460	..	1,460	32	..	32	30th Sept. 1877 ..	Work held in abeyance.
32 do 1876-76.	G.I., No. 3,043 R. of 11th Dec. 1876.	Laying new description of Permanent-way over certain girder bridges, North-west Line.	13,739	3,70,142	3,83,881	339	34,450	34,789	31st March 1878 ..	Rupees 2,06,057 to Revenue.
19 do 1873-74.	G.I., No. 1,866 G.R. of 1st Nov. 1873.	Protective works for the Naggery bridge.	43,415	1,023	44,438	14,612	85	14,697		Revised estimate with Government.
....	M.G.O., No. 1,886 of 25th July 1876.	Two engine drivers' bungalows at Tiruputy.	3,638	106	3,744	1,047	277	1,324	30th Sept. 1878 ..	Rupees 5,560 to Revenue.
....	C.E., No. 926 of 9th Sept. 1876.	Siding for lifting and repairing vehicles at Tiruputy.	750	1,979	2,729	11	45	56	do 1877 ..	..
....	C.E., No. 1,009 of 23rd Aug. 1876.	Three 30 feet openings with wrought iron girders in lieu of single 6 feet arch at 131st mile, 3rd telegraph post, North-west Line.	1,861	8,182	10,043	..	1,549	1,549	do	Rupees 3,637 to Revenue.

LIST OF OPEN SANCTIONS FOR THE QUARTER ENDING 31st MARCH 1877—(Continued).

LIST OF OPEN SANCTIONS FOR THE QUARTER ENDING 31ST MARCH 1877—(Continued).

Register Number and Date.	Authority.	Works.	SANCTIONED ESTIMATE.			EXPENDITURE AS PER AUDITOR'S BOOKS UP TO 15TH DECEMBER 1876.			Date on which Sanction closes.	Remarks.		
			Indian.		English.	Total.	Indian.				English.	Total.
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs.	
.....	C.E., No. 959 of 9th Sept. 1876.	Engineering Department—(Contd.) Single 23 feet openings with wrought iron girders in lieu of single 12 feet arch at 130th mile, 8th telegraph post, North-west Line.	..	786	786	..	..	..	30th Sept. 1877 ..	Rupees 2,432 to Revenue.		
27 M. R. of 1875-76.	G.I., No. 2,699 R of 28th Oct. 1875.	Single 12 feet openings with wrought iron girders (on south approach to new Cheygar bridge) at 136th mile, 7th telegraph post, North-west Line.	132	522	654	..	..	..	31st Dec. 1877 ..	Rupees 3,303 to Revenue.		
15 do 1876-77.	G.I., No. 3,094 of 22nd Nov. 1876.	Three 30-foot openings in addition to the single 30 feet arch at 116th mile, 6th telegraph post, North-west Line.	8,209	8,182	16,391	..	3,086	3,086	30th Sept. 1878 ..	Rupees 3,088 sanctioned to Revenue.		
.....	M.G.O., No. 1,218 of 1st May 1875.	Guards' barracks at Cuddapah ..	5,585	122	5,707	1,380	155	1,535				
6 M. R. of 1876-77.	G.I., No. 1,811 R of 14th July 1876.	Station Master's house at Condipocorum ..	1,079	..	1,079	243	43	286	30th Sept. 1877 ..			
.....	C.E., No. 958 of 9th Sept. 1876.	Refreshment-room with front and back verandahs, and providing waiting-rooms for third-class passengers at Tadpatri.	2,445	508	2,953	717	61	778	Do. ..	Rupees 684 to Revenue.		
8 M. R. of 1875-76.	G.I., No. 1,404 R of 3rd June 1875.	Bridges over the Huggry river ..	2,30,057	4,71,117	7,01,174	12,62,339	4,49,875	7,12,014	30th June 1877 ..	Revised estimate with Government.		
.....	C.E., No. 302 of 24th March 1876.	Sidings and engine-shed and turn-table at Adoni.	4,963	3,554	8,517	2,316	467	2,783	31st March 1878 ..			
67 M. R. of 1869-70.	G.I., No. 347 R of 2nd March 1870.	Locomotive Department. 290 second-class composites and third-class carriages sun-shades.	14,640	20,560	35,200	12,036	13,015	25,051	31st March 1877 ..			
.....	G.I., No. 37 R of 13th January 1870.	2,890 wagons fitting axle-box keeps oil.	17,130	37,570	54,700	16,287	34,549	50,836	Do. ..			
25 M. R. of 1844-75.	G.I., No. 2,068 R of 28th August 1874.	2,609 wagons to be rendered capable of carrying tons each by fitting an additional plate to each spring.	12,012	42,559	54,571	7,938	26,434	34,420	Do. ..			
14 M. R. of 1875-76.	G.I., No. 1,914 R of 2nd August 1875.	Cost of constructing and fitting cow-catchers to 118 engines.	17,110	8,850	25,960	4,963	6,709	10,662	Do. ..			
18 M. R. of 1876-77.	G.I., No. 3,181 R of 30th Nov. 1876.	Four double saloon first-class night carriages.	10,000	19,400	29,400	2,225	744	2,969	Do. ..			

(Signed) C. J. SMITH, Major, R.E.,
for Consulting Engineer for Railways.

MADRAS,
17th January 1877.

Proceedings of the Madras Government, Public Works Department,
22nd January 1877. No. 198.

Nos. 382 & 383. ORDER THEREON, 22nd January 1877, No. 197.

RAILWAY, No. 30-A.

ORDERED to be forwarded to the
Government of India.

(True Extract.)

(Signed) J. H. M. SHAW-STEWART, Lieut.-Colonel, R.E.,
Joint Secretary to Government.

No. 384.

(DOCKET, No. 198, dated 22nd January 1877.)
Copy of the above forwarded to the Government of India.

(True Extract.)

Lieut.-Colonel, R.E.,
Joint Secretary to Government.

Exd. A. Grubert.
Spare Copies

RAILWAY DEPARTMENT.

CONSULTING ENGINEER'S OFFICE,

Madras, *17th January* 1876.

No. 33

From

LIEUT.-COLONEL J. H. M. SHAW-STEWART, R.E.,

Consulting Engineer for Railways,

To

MAJOR-GENERAL G. W. WALKER, R.E.,

Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

I have the honour to submit
herewith, for transmission to the Govern-
ment of India, a list of the Capital ex-
penditure in force in the Engineering and
Locomotive Departments of the Madras
Railway during the quarter ending
31st March 1876.

I have the honour to be
Sir,

Your most obedt. servant

C. J. Stewart Major R.E.
for Genl. Engrs. for Railways

۱۹

11

Dear Mother
 I have just received your letter
 and am glad to hear from you.
 I am well and hope this finds
 you the same. I have not much
 news to write at present.
 I am, dear Mother, ever
 affectionately,
 Your son,
 John Smith

100

1941

100-100000

[illegible]

1. *Chrysomelidae*
 2. *Curculionidae*
 3. *Chrysomelidae*
 4. *Curculionidae*
 5. *Chrysomelidae*
 6. *Curculionidae*
 7. *Chrysomelidae*
 8. *Curculionidae*
 9. *Chrysomelidae*
 10. *Curculionidae*
 11. *Chrysomelidae*
 12. *Curculionidae*
 13. *Chrysomelidae*
 14. *Curculionidae*
 15. *Chrysomelidae*
 16. *Curculionidae*
 17. *Chrysomelidae*
 18. *Curculionidae*
 19. *Chrysomelidae*
 20. *Curculionidae*
 21. *Chrysomelidae*
 22. *Curculionidae*
 23. *Chrysomelidae*
 24. *Curculionidae*
 25. *Chrysomelidae*
 26. *Curculionidae*
 27. *Chrysomelidae*
 28. *Curculionidae*
 29. *Chrysomelidae*
 30. *Curculionidae*
 31. *Chrysomelidae*
 32. *Curculionidae*
 33. *Chrysomelidae*
 34. *Curculionidae*
 35. *Chrysomelidae*
 36. *Curculionidae*
 37. *Chrysomelidae*
 38. *Curculionidae*
 39. *Chrysomelidae*
 40. *Curculionidae*
 41. *Chrysomelidae*
 42. *Curculionidae*
 43. *Chrysomelidae*
 44. *Curculionidae*
 45. *Chrysomelidae*
 46. *Curculionidae*
 47. *Chrysomelidae*
 48. *Curculionidae*
 49. *Chrysomelidae*
 50. *Curculionidae*
 51. *Chrysomelidae*
 52. *Curculionidae*
 53. *Chrysomelidae*
 54. *Curculionidae*
 55. *Chrysomelidae*
 56. *Curculionidae*
 57. *Chrysomelidae*
 58. *Curculionidae*
 59. *Chrysomelidae*
 60. *Curculionidae*
 61. *Chrysomelidae*
 62. *Curculionidae*
 63. *Chrysomelidae*
 64. *Curculionidae*
 65. *Chrysomelidae*
 66. *Curculionidae*
 67. *Chrysomelidae*
 68. *Curculionidae*
 69. *Chrysomelidae*
 70. *Curculionidae*
 71. *Chrysomelidae*
 72. *Curculionidae*
 73. *Chrysomelidae*
 74. *Curculionidae*
 75. *Chrysomelidae*
 76. *Curculionidae*
 77. *Chrysomelidae*
 78. *Curculionidae*
 79. *Chrysomelidae*
 80. *Curculionidae*
 81. *Chrysomelidae*
 82. *Curculionidae*
 83. *Chrysomelidae*
 84. *Curculionidae*
 85. *Chrysomelidae*
 86. *Curculionidae*
 87. *Chrysomelidae*
 88. *Curculionidae*
 89. *Chrysomelidae*
 90. *Curculionidae*
 91. *Chrysomelidae*
 92. *Curculionidae*
 93. *Chrysomelidae*
 94. *Curculionidae*
 95. *Chrysomelidae*
 96. *Curculionidae*
 97. *Chrysomelidae*
 98. *Curculionidae*
 99. *Chrysomelidae*
 100. *Curculionidae*

100

100

Ed 14: Oct 76 N: 2764.

P.W.D.
18 JAN 77
No. 468

No 197 322 Jan 77
Ordered to be (By)
forwarded to the
Govt. of India.
H.E. Dec 190 322 Jan 77

Copy of the above
forwarded to the
Govt. of India.

One spare
copy only
done signed copy

C.E. for Rep. & 21
Exec. Rep. Sect. 1

Imp. 12.2.77

Ar 19-1-77. 12 22-1-77

17th January 1877
Received
Dated
No. 333
Submitting a
list of the capital
sanctions in force
in the line issued
in Dec. 1876. The
quadrant by drawing the
quadrant ending 31 March 77

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

From
The Consulting Engineer
for Railways,

RAILWAY DEPARTMENT.

148
Govt. of 1877 Madras.

PUBLIC WORKS.

To

The Com^{rs} Eng^g for the

Dated

Issued

Recd.

Encl.

G. O., 22nd Jan. 1877, No. 1974
198

Nos. 381 & 384

Critical Cautions in force
in the Engineering and
Machine Dept^s of the Madras

Railway for quarter ending

31st March 1877 —

List of — ordered to be
forwarded to the Port of India

warding a list of the
Critical Cautions in force
in the Engineering and
Machine Dept^s of the Madras

Railway for the quarter

ending 31st March 1877

For the