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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

2763	
G.O. No. 2764	Press <i>Priguna</i>
B.P. No.	Mis. _____
Dated 14-10-1876	195-_____

Not to be folded or roughly handled

No. 224. 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, 9th October 1876, No. 487 :—

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 fourth quarter of the current year.

2. There are no open capital sanctions in the Traffic Department of this Railway.

LIST OF OPEN CAPITAL SANCTIONS FOR QUARTER ENDING 31st DECEMBER 1876.

LIST OF OPEN CAPITAL SANCTIONS FOR QUARTER ENDING 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.	Auth.	Sanction

*Proceedings of the Madras Government, Public Works Department,
14th October 1876. No. 2,764.*

*Proceedings of the Madras Government, Public Works Department,
14th October 1876: No. 2,764.*

41 M. R. of 1875-76 ..	G. I. No. 865 R., of 28th March 1876.	Protective works in the cutting south of the "Tiger" Rock, Bangalore Branch.	16,323	..	16,323	7,216	32	7,245	1st March 1876.	
42 M. R. of 1875-76 ..	G. I. No. 881 R., of 29th March 1876.	Two 30-feet wrought iron girder openings at 203-14th mile, Bangalore Branch.	10,512	5,502	16,014	..	..	..	30th June 1877 ..	Rs. 4,533 to Revenue.
	C. E. No. 5, of 4th January 1876.	Erecting an iron tank at Mallapooram.	..	1,701	1,701	..	1,688	1,688	31st March 1877 ..	Rs. 2,086 to Revenue.
	C. E. No. 320, of 2nd March 1876.	Auxiliary well at Salem ..	1,100	..	1,100	..	157	1,090	Do.	Rs. 166 to Revenue.
	C. E. No. 957, of 9th September 1876.	Goods godown and platform, sidings, &c., at Snakerydroog.	4,517	4,301	8,818	..	..	..	30th June 1877.	
	C. E. No. 386, of 11th April 1876.	Flooring with granite slabs the covered portion of the passengers' platform at Erode Station.	1,116	..	1,116	..	..	759	..	
	M. G. O. No. 1,850, of 21st July 1876.	Timber platform, altering permanent-way, and providing a crane at Combaratore.	2,941	..	2,941	..	..	..	31st Dec. 1876 ..	Rs. 693 to Revenue. Work held in abeyance.
17 M. R. of 1873-74 ..	G. I. No. 291 R., of 23rd July 1876.	Renewing the line between Muddikerry and Palghat with iron pot sleepers.	..	36,782	36,782	..	27,051	27,051	Impossible to fix a date.	Rs. 1,80,518 to Revenue.
6 M. R. of 1876-77 ..	G. I. No. 1,811 R., of 14th July 1876.	Station-master's house at Muddikerry.	1,455	..	1,455	..	..	..	30th Sept. 1877.	
6 M. R. of 1876-77 ..	C. E. No. 567, of 30th May 1876.	Do. at Conjeevare.	1,456	..	1,456	..	..	..	Do.	
6 M. R. of 1876-77 ..	G. I. No. 1,811 R., of 14th July 1876.	Alterations to provide waiting-room for 3rd-class passengers at Palghat.	1,729	451	2,180	..	..	111	30th June 1877 ..	Rupees 33 to Revenue.
Do.	Do.	Station-master's house at Purley ..	1,457	..	1,457	..	..	..	30th Sept. 1877.	
Do.	C. E. No. 955, of 9th September 1876.	Do. at Luckady ..	1,457	1,109	2,566	..	..	..	Do.	
Do.	Do.	Goods godown and platform, and alterations and additions to permanent-way at Luckady.	2,533	..	2,533	..	..	..	Do.	
Do.	G. I. No. 1,811 R., of 14th July 1876.	Station-master's house at Puttamby.	1,458	..	1,458	..	..	..	Do.	Rupees 1,241 to Revenue.
Do.	Do.	Do. at Cochipooram.	1,459	..	1,459	..	..	..	Do.	
Do.	Do.	Do. at Tiror ..	1,459	..	1,459	..	..	..	Do.	
Do.	Do.	Do. at Tanoor ..	1,460	..	1,460	..	..	..	Do.	
Do.	Do.	Do. at Perpentady ..	1,460	..	1,460	..	..	..	Do.	
13 M. R. of 1875-76 ..	G. I. No. 3,043 R., of 11th December 1876.	Laying new description of permanent-way over certain girder bridges on the North-west Line.	13,739	3,70,142	3,83,881	15	..	..	31st March 1878 ..	Rupees 2,06,057 to Revenue.
13 M. R. of 1875-76 ..	G. I. No. 984 R., of 7th March 1876.	Converting swimming bath into Guards barracks at Arcotum.	465	21	486	..	16	186	30th June 1877 ..	Rupees 727 to Revenue.
13 M. R. of 1875-76 ..	C. E. No. 504, of 12th June 1876.	Protective works for the Nagery bridge.	43,415	1,023	44,438	..	85	14,637	..	Revised estimate with Govt.
13 M. R. of 1875-76 ..	G. I. No. 1,866 G. R., of 1st November 1873.	Single 6-feet rail-girder opening in lieu of single 3-feet culvert at 71-7th mile, North-west Line.	1,373	88	1,461	..	..	1,277	31st Dec. 1876 ..	Rupees 657 to Revenue.
13 M. R. of 1875-76 ..	C. E. No. 1,318, of 11th December 1876.	Two Engine-drivers' bungalows at Tirupetty.	3,638	106	3,744	..	..	..	30th Sept. 1878 ..	Rupees 6,560 to Revenue.
13 M. R. of 1875-76 ..	M. G. O. No. 1,896, of 26th July 1876.	Siding for lifting and repairing vehicles at Tirupetty.	750	1,373	2,123	..	..	..	30th Sept. 1877.	
13 M. R. of 1875-76 ..	C. E. No. 956, of 9th September 1876.	..	..	..	..	..	..	..	..	

* The amounts shown in the margin are in Rupees.

* The amounts given in the "Cash" column of this department represent the expenditure as audited to the 30th September 1876.

LIST OF OPEN CAPITAL SANCTIONS FOR QUARTER ENDING 31st DECEMBER 1876—(Concluded).

Register Number and Date.	Authority.	Works.	SANCTIONED ESTIMATE.			EXPENDITURE AS PER AUDITOR'S BOOKS UP TO 31st JULY 1876.			Date on which sanction lapses.	Remarks.
			Indian.	English.	Total.	Indian.	English.	Total.		
27 M. R. of 1875-76 ..	C. E. No. 959, of 9th September 1876.	ENGINEERING DEPARTMENT— (Concluded). Single 23-foot openings with wrought iron girders in lieu of single 12-foot arch at 130-8th mile, North-west Line. Single 12-foot opening with wrought iron girders (on south approach to new Chevar bridge) at 135-7th mile, North-west Line Guards' barracks at Cuddapah ..	..	786	786	..	..	..	30th Sept. 1877 ..	Rupees 2,482 to Revenue.
28 M. R. of 1876-77 ..	G. I. No. 2,699 R., of 28th October 1875. M. G. O. No. 1,218, of 1st May 1875. G. I. No. 1,811 R., of 14th July 1876. C. E. No. 958, of 9th September 1876.	Single 12-foot opening with wrought iron girders (on south approach to new Chevar bridge) at 135-7th mile, North-west Line Guards' barracks at Cuddapah .. Station-master's house at Condipoo-ram. Refreshment-room with front and back verandahs, and providing waiting-rooms for 3rd-class passengers at Tadpatri. Bridge over the Huggry river ..	132	522	654	..	..	..	31st Dec. 1877 ..	Rupees 3,303 to Revenue.
29 M. R. of 1875-76 ..	G. I. No. 1,404 R., of 3rd June 1875. C. E. No. 302, of 24th March 1876. C. E. No. 397, of 11th April 1876.	Single 12-foot opening with wrought iron girders (on south approach to new Chevar bridge) at 135-7th mile, North-west Line Guards' barracks at Cuddapah .. Station-master's house at Condipoo-ram. Refreshment-room with front and back verandahs, and providing waiting-rooms for 3rd-class passengers at Tadpatri. Bridge over the Huggry river ..	5,585	122	5,707	1,380	155	1,535	..	Revised estimate will be submitted.
30 M. R. of 1875-76 ..	G. I. No. 1,404 R., of 3rd June 1875. C. E. No. 302, of 24th March 1876. C. E. No. 397, of 11th April 1876.	Single 12-foot opening with wrought iron girders (on south approach to new Chevar bridge) at 135-7th mile, North-west Line Guards' barracks at Cuddapah .. Station-master's house at Condipoo-ram. Refreshment-room with front and back verandahs, and providing waiting-rooms for 3rd-class passengers at Tadpatri. Bridge over the Huggry river ..	1,079	..	1,079	..	..	..	30th Sept. 1877.	Rupees 684 to Revenue.
31 M. R. of 1875-76 ..	G. I. No. 1,404 R., of 3rd June 1875. C. E. No. 302, of 24th March 1876. C. E. No. 397, of 11th April 1876.	Single 12-foot opening with wrought iron girders (on south approach to new Chevar bridge) at 135-7th mile, North-west Line Guards' barracks at Cuddapah .. Station-master's house at Condipoo-ram. Refreshment-room with front and back verandahs, and providing waiting-rooms for 3rd-class passengers at Tadpatri. Bridge over the Huggry river ..	2,445	508	2,953	..	..	..	Do.	Rupees 684 to Revenue.
32 M. R. of 1875-76 ..	G. I. No. 1,404 R., of 3rd June 1875. C. E. No. 302, of 24th March 1876. C. E. No. 397, of 11th April 1876.	Single 12-foot opening with wrought iron girders (on south approach to new Chevar bridge) at 135-7th mile, North-west Line Guards' barracks at Cuddapah .. Station-master's house at Condipoo-ram. Refreshment-room with front and back verandahs, and providing waiting-rooms for 3rd-class passengers at Tadpatri. Bridge over the Huggry river ..	2,30,057	4,71,117	7,01,174	2,48,658	4,50,968	6,99,626	30th June 1877.	Work ordered to be proceeded with in anticipation of sanction.
33 M. R. of 1875-76 ..	G. I. No. 1,404 R., of 3rd June 1875. C. E. No. 302, of 24th March 1876. C. E. No. 397, of 11th April 1876.	Single 12-foot opening with wrought iron girders (on south approach to new Chevar bridge) at 135-7th mile, North-west Line Guards' barracks at Cuddapah .. Station-master's house at Condipoo-ram. Refreshment-room with front and back verandahs, and providing waiting-rooms for 3rd-class passengers at Tadpatri. Bridge over the Huggry river ..	4,963	3,554	8,517	1,418	467	1,885	31st March 1878.	Work ordered to be proceeded with in anticipation of sanction.
34 M. R. of 1875-76 ..	G. I. No. 1,404 R., of 3rd June 1875. C. E. No. 302, of 24th March 1876. C. E. No. 397, of 11th April 1876.	Single 12-foot opening with wrought iron girders (on south approach to new Chevar bridge) at 135-7th mile, North-west Line Guards' barracks at Cuddapah .. Station-master's house at Condipoo-ram. Refreshment-room with front and back verandahs, and providing waiting-rooms for 3rd-class passengers at Tadpatri. Bridge over the Huggry river ..	2,670	3,115	5,785	2,009	1,161	3,170	30th June 1878.	Work ordered to be proceeded with in anticipation of sanction.
35 M. R. of 1875-76 ..	G. I. No. 1,404 R., of 3rd June 1875. C. E. No. 302, of 24th March 1876. C. E. No. 397, of 11th April 1876.	Single 12-foot opening with wrought iron girders (on south approach to new Chevar bridge) at 135-7th mile, North-west Line Guards' barracks at Cuddapah .. Station-master's house at Condipoo-ram. Refreshment-room with front and back verandahs, and providing waiting-rooms for 3rd-class passengers at Tadpatri. Bridge over the Huggry river ..	14,640	20,560	35,200	12,038	13,015	25,051	31st March 1877.	Work ordered to be proceeded with in anticipation of sanction.
36 M. R. of 1875-76 ..	G. I. No. 1,404 R., of 3rd June 1875. C. E. No. 302, of 24th March 1876. C. E. No. 397, of 11th April 1876.	Single 12-foot opening with wrought iron girders (on south approach to new Chevar bridge) at 135-7th mile, North-west Line Guards' barracks at Cuddapah .. Station-master's house at Condipoo-ram. Refreshment-room with front and back verandahs, and providing waiting-rooms for 3rd-class passengers at Tadpatri. Bridge over the Huggry river ..	17,130	37,570	54,700	16,176	34,223	50,399	Do.	Work ordered to be proceeded with in anticipation of sanction.
37 M. R. of 1875-76 ..	G. I. No. 1,404 R., of 3rd June 1875. C. E. No. 302, of 24th March 1876. C. E. No. 397, of 11th April 1876.	Single 12-foot opening with wrought iron girders (on south approach to new Chevar bridge) at 135-7th mile, North-west Line Guards' barracks at Cuddapah .. Station-master's house at Condipoo-ram. Refreshment-room with front and back verandahs, and providing waiting-rooms for 3rd-class passengers at Tadpatri. Bridge over the Huggry river ..	12,012	42,559	54,571	7,986	26,434	34,420	Do.	Work ordered to be proceeded with in anticipation of sanction.
38 M. R. of 1875-76 ..	G. I. No. 1,404 R., of 3rd June 1875. C. E. No. 302, of 24th March 1876. C. E. No. 397, of 11th April 1876.	Single 12-foot opening with wrought iron girders (on south approach to new Chevar bridge) at 135-7th mile, North-west Line Guards' barracks at Cuddapah .. Station-master's house at Condipoo-ram. Refreshment-room with front and back verandahs, and providing waiting-rooms for 3rd-class passengers at Tadpatri. Bridge over the Huggry river ..	17,110	8,850	25,960	3,781	3,694	7,475	Do.	Work ordered to be proceeded with in anticipation of sanction.
39 M. R. of 1875-76 ..	G. I. No. 1,404 R., of 3rd June 1875. C. E. No. 302, of 24th March 1876. C. E. No. 397, of 11th April 1876.	Single 12-foot opening with wrought iron girders (on south approach to new Chevar bridge) at 135-7th mile, North-west Line Guards' barracks at Cuddapah .. Station-master's house at Condipoo-ram. Refreshment-room with front and back verandahs, and providing waiting-rooms for 3rd-class passengers at Tadpatri. Bridge over the Huggry river ..	10,000	19,400	29,400	..	..	..	Do.	Work ordered to be proceeded with in anticipation of sanction.

* The amounts given in the "Cash" column of this department represent the expenditure as audited to the 30th September 1876.

(Signed) J. H. M. SHAW-STEWART, Lt.-Col., R.E.,
Consulting Engineer to Government for Railways.

MADRAS,
20th October 1876.

Proceedings of the Madras Government, Public Works Department,
14th October 1876. No. 2,764.

No. 225. ORDER THEREON, 14th October 1876, No. 2,763.

RAILWAY, Nos. 18 & 19.

ORDERED to be forwarded to the
Government of India.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

No. 226.

DOCKET No. 2,764, dated 14th October 1876.
COPY of the above forwarded to the Government of India.
(True Extract.)

Major-General, R.E.,
Secretary to Government.

Exd. E. C. Shunker.
Spare Copies

Year	Month	Day	Time	Latitude	Longitude	Altitude	Remarks
1851	2180	111	30°	180°	180°	180°	180°
36782	1155	27051	30°	180°	180°	180°	180°
2941	1155	27051	30°	180°	180°	180°	180°
1116	1155	27051	30°	180°	180°	180°	180°
8818	1155	27051	30°	180°	180°	180°	180°
1100	1155	27051	30°	180°	180°	180°	180°
1701	1155	27051	30°	180°	180°	180°	180°
5502	1155	27051	30°	180°	180°	180°	180°
16011	1155	27051	30°	180°	180°	180°	180°
16323	1155	27051	30°	180°	180°	180°	180°
12579	1155	27051	30°	180°	180°	180°	180°
10709	1155	27051	30°	180°	180°	180°	180°
72298	1155	27051	30°	180°	180°	180°	180°
968	1155	27051	30°	180°	180°	180°	180°
2040	1155	27051	30°	180°	180°	180°	180°
5230	1155	27051	30°	180°	180°	180°	180°

P.W.D.
 1000176
 for the quarter ending 31st December 1876.
 the 31st December 1876; but no work must be done after the
 and unless formal sanction has been previously obtained.

Expenditure as per Accounts		Sanction lapses		Remarks
English	Total	Indian	Total	
216,116	224,085	143	7,237	31 st March 1878 Rs 1,39,977 to Rs 2,00,000
20,886	20,886	-	-	Impossible to fix Rs 14,067 to Rs 2,00,000
8,475	9,350	175	7,580	30 th June 1877. Total 2,00,000
27	1,705	130	33	163 30 th June 1877
357	12,392	7025	206	7,231 30 th September 1877 Rs 143 to Rs 2,00,000
75,551	102,157	6,573	280	6,853 31 st March 1877
19,100	32,759	3,937	120	1,057 do
4,368	10,623	-	-	do
48,238	64,101	1575	-	1,575 30 th September 1877
-	1,280	-	-	do
-	1,107	-	-	do

Madras Railways
 List of Open Capital Expenditures
 24.9.81 to 27.9.81 the 30th September 1876, will be passed up to
 11.9.81 to 27.9.81 on works not in this list will not be passed.

Works.		Sanction
		Indian
* Engineering Department		
175	Laying new description of permanent way over certain girder bridges on the South West Line	7267
176	Renovating with iron standards the wooden telegraph poles between Madras and Arcot	he
177	Piping for water supply in case of fire at Royappaoram	875
178	Store room for Carriage Examines at the East Colonnade	1178
179	Extending north and south platforms and constructing latrine for natives at Perambore	12035
180	Smithy at Perambore workshops	26,606
181	Iron and brass foundry at do	13,667
182	Blanking ground for smithy and foundry at do	6,255
183	Watering arrangements at do	15,863
184	Auxiliary well at Arcot	1,280
185	do do Cholinghur	1,109

[illegible]

RAILWAY DEPARTMENT.

CONSULTING ENGINEER'S OFFICE,

Madras, 9th October 1876.

No.

487

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 Government of India, a list of
the Capital Sanctions in force in the
Engineering and Locomotive Depart-
ments of the Madras Railway during
the fourth quarter of the current year.

There are no open Capital
sanctions in the Traffic Department of
this Railway.

I have the honour to be
Sir
Your most obed^t Serv^t.
Mantthorn Lt. Col. R.E.

6-77.	G. R. No. 1811 R of 11. July 1876.	Station-masters houses	501
	C. R. No. 958 of 9. September 1876.	Residential and service cottages	776
		Benarask and Junt	193
		Footpathing	
76	G. R. No. 1404 R of 3. June 1875.	Bridge over the Ruggi	
	C. R. No. 302 of 24. March 1876.	Walking and engine at	112
		at Alengy	
		Shed over open goods	674
		Along	
69-70	G. R. No. 317 R of 2. March 1870.	290 second class compartments	328
		class carriage - 08.	
	37 R of 13. January 1870	2890 wagons fitting	1512
	2068 R of 28. August 1874.	2609 wagons to be 1874.	
		of carrying 9 tons 100	
		and additional for	
975-96	1911 R of 2. August 1875.	Cost of constructing and 17	
		calation to 118 9.	
	C. R. No. 1012 of 23. September 1876.	4 double-deckers first	116
		Madras	
		to the amount given in the	
955			
956			
60			

2018-7-76 No 1926

P.W.D.
1000178
No. 7268

No 2763 d/14th Oct/76
Ordered to be for-
warded to the Govern-
ment of India

(H.E. No 2764 d/14th Oct/76)

Copy of the above
forwarded to the Govt
of India.

insg. Eng. for Rys

No 224/26
Dep't to Oct 10-10-76.

1886
For the quantity
as per on the 10th
with P. W. D. and
forwarded to the
P. W. D. 31 Dec 1886

Received 9th October 187
No. 483
To
The Secretary to Government
P. W. Department,
Fort Saint George
From
The Consulting Engineer
for Railway
RAILWAY DEPARTMENT

7263

Govt. of 1876 Madras.

PUBLIC WORKS.

To *The Comd Engineer for P.W.*

Dated

Issued

Recd.

Encl.

G. O., 11th October 1876, No. 273
2734

Nos. 22735

Capital sanctions in force
in the Engineering and loco
motive Dep'ts of the Madras
Ry for the 31st Decr 1876.
The List of
orders of the
Govt of India —

Forwarding a List
of the Capital sanctions
in force in the Engineering
and Locomotive Dep'ts of
the Madras Ry for the 31st
Decr 1876.