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# MADRAS RECORD OFFICE

Government of Madras

*Public Works* DEPARTMENT

|                     |          |                 |
|---------------------|----------|-----------------|
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Not to be folded or roughly handled

No. 495. 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, 20th July 1876, No. 352 :—

I HAVE the honor to enclose 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 30th September 1876.

No works chargeable to the Capital Account are to be undertaken in the Traffic Department during the above period.

## MADRAS RAILWAY.

*List of OPEN CAPITAL SANCTIONS FOR THE QUARTER ENDING 30TH SEPTEMBER 1876.*  
*Bills for Works closed on the 30th June 1876 will be passed up to the 30th September 1876; but no work must be done after the 30th June 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 EXPENDITURE. |           |            | EXPENDITURE AS PER AUDITORS' BOOKS TO 30TH APRIL 1876. |          |         | Date on which sanction lapses. | Remarks.                          |
|---------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------|------------|--------------------------------------------------------|----------|---------|--------------------------------|-----------------------------------|
|                           |                                             |                                                                                                                        | Indian.                 | English.  | Total.     | Indian.                                                | English. | Total.  |                                |                                   |
|                           |                                             |                                                                                                                        |                         |           |            |                                                        |          |         |                                |                                   |
| 33 M. R. of 1875-76 ...   | G. I. No. 3,043 R. of 11th December 1875    | ENGINEERING DEPARTMENT.<br>Laying new description of Permanent-way over certain girder bridges on the South-west Line. | Rs. 7,969               | Rs. 3,116 | Rs. 11,085 | Rs. ...                                                | Rs. ...  | Rs. ... | 31st March 1878                | Rs. 1,39,973 to Revenue.          |
| 34 M. R. of 1875-76 ...   | G. I. No. 684 R. of 7th March 1876.         |                                                                                                                        | ...                     | ...       | ...        | ...                                                    | ...      | ...     | Impossible to fix a date       | Rs. 14,063 d.c.                   |
| 35 M. R. of 1874-75 ...   | G. I. No. 3,354 R. of 22nd September 1874.  | Renewing the wooden telegraph poles between Madras and Arcot with iron standards.                                      | ...                     | 20,856    | 20,856     | ...                                                    | ...      | ...     | 30th September 1876.           | Allocation of estimate revised.   |
| 36 M. R. of 1874-75 ...   | G. I. No. 2,301 R. of 18th September 1874.  | Piping for water supply in case of fire at Royapuram.                                                                  | 875                     | 8,475     | 9,350      | 162                                                    | 2,139    | 2,301   | Do.                            | Estimate revised.                 |
| 37 M. R. of 1874-75 ...   | G. I. No. 2,301 R. of 18th September 1874.  | Do. do Salt Cotara Station                                                                                             | 356                     | 7,885     | 8,241      | 146                                                    | 7,121    | 7,267   | ...                            | ...                               |
| 38 M. R. of 1875-76 ...   | C. E. No. 695 of 12th June 1876.            | Store-room for the Carriage Engineer at the Salt Cotara Station.                                                       | 1,178                   | 27        | 1,205      | ...                                                    | ...      | ...     | 30th June 1877.                | ...                               |
| 39 M. R. of 1875-76 ...   | G. I. No. 2,091 R. of 20th August 1875.     | Extending the north and south passenger platforms and constructing latrines for natives at Perambore.                  | 12,035                  | 857       | 12,892     | 5,937                                                  | 206      | 6,143   | 30th September 1877.           | Rs. 43 to Revenue.                |
| 40 M. R. of 1875-76 ...   | G. I. No. 1,651 R. of 6th July 1875.        | Constructing smithy at the Perambore Workshops.                                                                        | 26,606                  | 75,551    | 1,02,157   | 1,551                                                  | 48       | 1,599   | 31st March 1867.               | ...                               |
| 41 M. R. of 1875-76 ...   | G. I. No. 1,651 R. of 6th July 1875.        | Do. iron and brass foundry at the Perambore Workshops.                                                                 | 13,652                  | 12,100    | 32,752     | 143                                                    | 3        | 150     | 31st March 1877.               | ...                               |
| 42 M. R. of 1875-76 ...   | G. I. No. 1,651 R. of 6th July 1875.        | Making ground for smithy, foundry &c., at the Perambore Workshops.                                                     | 6,355                   | 4,369     | 10,723     | ...                                                    | ...      | ...     | Do.                            | ...                               |
| 43 M. R. of 1875-76 ...   | G. I. No. 1,627 R. of 8th July 1875.        | Watering arrangements at do.                                                                                           | 15,563                  | 48,238    | 64,101     | 15                                                     | ...      | 15      | 30th September 1877.           | ...                               |
| 44 M. R. of 1875-76 ...   | C. E. No. 157 of 12th Feb. 1876.            | Loan-to-reward for the engine machinery shops at Perambore.                                                            | 915                     | 1,001     | 1,916      | 347                                                    | 1,384    | 1,731   | 31st March 1877.               | ...                               |
| 45 M. R. of 1875-76 ...   | C. E. No. 230 of 2nd March 1876.            | Auxiliary well for the Locomotive Department at Avady.                                                                 | 1,679                   | ...       | 1,679      | 1,199                                                  | ...      | 1,199   | Do.                            | ...                               |
| 46 M. R. of 1875-76 ...   | G. I. No. 1,468 G. R. of 1st November 1873. | Protective works to the Polney bridge.                                                                                 | 1,87,501                | 3,430     | 1,85,931   | 60,015                                                 | 263      | 60,278  | ...                            | Revised estimate with Government. |
| 47 M. R. of 1875-76 ...   | G. I. No. 1,506 G. R. of 1st November 1873. | Do. Gooriatam do.                                                                                                      | 60,276                  | 2,040     | 62,316     | 25,654                                                 | 929      | 26,583  | ...                            | ...                               |
| 48 M. R. of 1875-76 ...   | G. I. No. 1,440 G. R. of 14th October 1873. | Do. Palur do.                                                                                                          | 60,493                  | 968       | 61,461     | 27,828                                                 | Cr. 125  | 27,703  | ...                            | ...                               |

*Proceedings of the Madras Government, Public Works Department,*  
*23rd July 1876. No. 1,926.*

|                         |                                             |                                                                                             |        |          |          |        |       |          |          |                           |                                     |
|-------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------|--------|----------|----------|--------|-------|----------|----------|---------------------------|-------------------------------------|
| 27 M. R. of 1874-75 ... | G. I. No. 2,113 R. of 4th September 1874.   | Renewing the wooden telegraph poles between Vaniambudi and Partambay with iron standards.   | ...    | 72,293   | 72,293   | ...    | ...   | 54,593   | 54,598   | Impossible to fix a date. | Rs. 61,143 to Revenue.              |
| ...                     | C. E. No. 837 of 30th July 1875.            | Shed over the goods transhipping platform at Jollapett.                                     | 3,112  | 10,709   | 13,821   | ...    | ...   | ...      | ...      | 30th September 1876.      | ...                                 |
| ...                     | M. G. O. No. 782 of 28th March 1876         | Overbridge and roofing native urinals at Jollapett.                                         | 4,674  | 7,905    | 12,579   | ...    | ...   | ...      | ...      | 30th June 1877            | Rs. 52 to Revenue.                  |
| 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.                  | 16,823 | ...      | 16,823   | 2,579  | ...   | 2,579    | ...      | 31st March 1878.          | ...                                 |
| 42 M. R. of 1875-76 ... | G. I. No. 881 R. of 29th March 1876.        | Two 30 feet openings with wrought iron girders at 203-14th miles, Bangalore branch.         | 10,512 | 5,502    | 16,014   | ...    | ...   | ...      | ...      | 30th June 1877            | Rs. 4,533 to Revenue.               |
| ...                     | C. E. No. 886 of 13th August 1875.          | Catch siding at Mullapooram                                                                 | 3,205  | 8,633    | 6,838    | 1,950  | 1,148 | 3,098    | ...      | 30th September 1877       | Rs. 55 to Revenue                   |
| ...                     | C. E. No. 5 of 4th January 1876.            | Erecting a wrought iron tank at do.                                                         | ...    | 1,701    | 1,701    | ...    | 1,688 | 1,688    | ...      | 31st March 1877           | Rs. 2,086 to Revenue.               |
| ...                     | C. E. No. 230 of 2nd March 1876.            | Auxiliary well required by the Locomotive Department at Salem.                              | 1,100  | ...      | 1,100    | 933    | 157   | 1,090    | Do.      | ...                       | ...                                 |
| ...                     | C. E. No. 386 of 11th April 1876.           | Flooring with granite slabs the covered portion of the passenger platform at Erode.         | 1,116  | ...      | 1,116    | ...    | ...   | ...      | ...      | 30th June 1877.           | ...                                 |
| 6 M. R. of 1871-72 ...  | G. I. No. 948 G. R. of 2nd June 1871.       | Renewing the line between Avashy and Muddikerry with iron pot sleepers.                     | ...    | 1,33,045 | 1,33,045 | ...    | ...   | 1,24,078 | 1,24,078 | Impossible to fix a date. | Rs. 3,32,226 to Revenue.            |
| 17 M. R. of 1875-74 ... | G. I. No. 231 G. R. of 23rd July 1873.      | Do. between Muddikerry and Palghat with iron pot sleepers.                                  | ...    | 36,752   | 36,752   | ...    | ...   | 27,051   | 27,051   | Do.                       | Rs. 1,80,518 do.                    |
| ...                     | M. G. O. No. 3,551 of 21st December 1875.   | Timber platform, altering permanent-way and providing a five ton crane at Coimbatore.       | 2,941  | ...      | 2,941    | ...    | ...   | ...      | ...      | 31st December 1876.       | Work suspended Rs. 693 to Revenue.  |
| ...                     | C. E. No. 811 of 23rd July 1875.            | Shed over goods open platform at Mettupalillem.                                             | 1,849  | 1,161    | 2,510    | 1,077  | 1,425 | 2,502    | ...      | 30th September 1876.      | ...                                 |
| ...                     | C. E. No. 567 of 30th May 1876.             | Alterations for providing a waiting room for 3rd-class passengers at Palghat.               | 1,729  | 451      | 2,180    | ...    | ...   | ...      | ...      | 30th June 1877            | Rs. 33 to Revenue.                  |
| 22 M. R. of 1875-76 ... | G. I. No. 3,043 R. of 11th December 1875.   | Laying new description of permanent-way over certain girder bridges on the North-west Line. | 13,739 | 3,70,142 | 3,83,881 | ...    | ...   | ...      | ...      | 31st March 1877           | Rs. 2,06,057 to Revenue.            |
| 33 M. R. of 1875-76 ... | G. I. No. 604 of 12th June 1876.            | Converting swimming bath at Arcot into guards' barracks.                                    | 465    | 21       | 486      | ...    | ...   | ...      | ...      | 30th June 1877            | Rs. 72 to Revenue.                  |
| 19 M. R. of 1873-74 ... | G. I. No. 1,868 G. R. of 1st November 1873. | Protective works for the Naggery river bridge.                                              | 43,415 | 1,023    | 44,438   | 14,612 | 85    | 14,697   | ...      | ...                       | Revised estimate with Government.   |
| ...                     | C. E. No. 1,318 of 11th December 1875.      | Single 6 feet rail girder opening at 71-7 miles, North-west Line.                           | 1,373  | 88       | 1,461    | 70     | ...   | 70       | ...      | 31st December 1876...     | Rs. 657 to Revenue.                 |
| 27 M. R. of 1875-76 ... | G. I. No. 2,699 R. of 28th October 1875.    | Single 12 feet opening with wrought iron girders at 135-7 miles, North-west Line.           | 182    | 522      | 654      | ...    | ...   | ...      | ...      | 31st December 1877...     | Rs. 3,303 to Revenue.               |
| ...                     | M. G. O. No. 1,213 of 1st May 1875.         | Guards' barracks at Cuddapah                                                                | 5,585  | 122      | 5,707    | 1,380  | 155   | 1,535    | ...      | 30th Do.                  | Revised estimate will be submitted. |

**LIST OF OPEN CAPITAL SANCTIONS FOR THE QUARTER ENDING 30TH SEPTEMBER 1876. — (Concluded.)**

| Register Number and Date. | Authority.                             | Works.                                                                                                      | SANCTIONED EXPENDITURE. |          |          | EXPENDITURE AS PER AUDITOR'S BOOKS TO 30TH APRIL 1876. |          |          | Date on which sanction closes. | Remarks.         |
|---------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------|----------|----------|--------------------------------------------------------|----------|----------|--------------------------------|------------------|
|                           |                                        |                                                                                                             | Indian.                 |          | English. | Total.                                                 | Indian.  | English. | Total.                         |                  |
|                           |                                        |                                                                                                             | Rs.                     | Rs.      | Rs.      | Rs.                                                    | Rs.      | Rs.      | Rs.                            |                  |
| ...                       | G. E. No. 306 of 24th March 1876       | ENGINEERING DEPARTMENT—<br>(Concluded)<br>Additional sidings at Coondacol ...                               | 1,506                   | 5,314    | 6,850    | ...                                                    | 89       | 1        | 90                             | 31st March 1878. |
| 9 M. R. of 1875-76 ...    | G. I. No. 1,404 R. of 3rd June 1876.   | Bridge over the Huggery river ...                                                                           | 2,30,057                | 4,71,117 | 7,01,174 | ...                                                    | 2,31,815 | 4,37,739 | 6,69,547                       | 30th June 1877.  |
| ...                       | C. E. No. 302 of 24th March 1876       | Siding, engine shed, and engine turn table at Adony.                                                        | 4,963                   | 8,554    | 8,517    | ...                                                    | 841      | 93       | 934                            | 31st March 1878. |
| ...                       | C. E. No. 327 of 11th April 1876.      | Shed over the open platform of goods shed at Adony.                                                         | 2,670                   | 3,115    | 5,785    | ...                                                    | 5        | ..       | 5                              | 30th June 1878.  |
| 17 M. R. of 1869-70 ...   | G. I. No. 347 R. of 2nd March 1876     | Locomotive DEPARTMENT.<br>200 second class carriages and third class carriages fitted with sun shades.      | 14,610                  | 20,560   | 35,200   | ...                                                    | 12,029   | 13,002   | 25,031                         | 31st March 1877  |
| ...                       | G. I. No. 37 R. of 13th January 1876.  | 2,400 Wagons fitted with box keeps (oil)                                                                    | 17,130                  | 37,570   | 51,700   | ...                                                    | 16,069   | 33,739   | 49,808                         | Do.              |
| 25 M. R. of 1874-75 ...   | G. I. No. 200-8 R. of 28th August 1874 | 2,600 Wagons to be rendered capable of carrying 9 tons each by fitting an additional plate to each fitting. | 12,012                  | 42,559   | 54,571   | ...                                                    | 7,986    | 26,431   | 34,420                         | Do.              |
| 18 M. R. of 1875-76 ...   | G. I. No. 1,014 R. of 2nd August 1875  | Cost of constructing and fitting carriages to 115 engines.                                                  | 17,110                  | 8,950    | 25,960   | ...                                                    | 1,872    | 2,749    | 4,621                          | Do.              |

(Signed) **W. H. COAKER**, Captain, R.E.,  
for Consulting Engineer to Government for Railways.

**MADRAS,**  
20th July 1876.

**Proceedings of the Madras Government, Public Works Department,  
28th July 1876. No. 1,926.**

No. 496.

ORDER THEREON, 28th July 1876, No. 1,925.

**RAILWAY, No. 51.**

ORDERED to be forwarded to the Government of India.

(True Extract.)

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

No. 497.

DOCKET No. 1,926, dated 28th July 1876.

COPY of the above forwarded to the Government of India.

(True Extract.)

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

**Exd. E. C. Shunker.**  
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RAILWAY DEPARTMENT.

CONSULTING ENGINEER'S OFFICE,

Madras, *20 July* 1876.

No. *352*

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 enclose  
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 quarter ending 30 Sep-  
tember 1876.*

*No works chargeable to the  
capital account are to be under-  
taken in the Traffic Department*

*during*

8012-5-76 No 1182

P. H. 1876 Dept

No 5191

No 1925 of 28 July 76  
Ordered to be forwarded  
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Dated 28/8/76

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a book of the capital  
construction for use  
in the Engineering  
Dept. of the Govt. of  
India.

Dated 20th July 1876  
Received 21st July 1876  
No. 352

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

From  
The Consulting Engineer  
for Railways,  
RAILWAY DEPARTMENT.

5191 (N)

St. of 1876: Madras.

PUBLIC WORKS.

The Commr. Eng. for M.

Dated

Issued

By

For

G. O., 28 July 1876, No. 1725/1726

No. 440/76

to the Commr. Eng. for M.  
22-8-76

Forwarding a List  
of the Capital sanctions  
in force in the Engineers  
and Locomotive De-  
partments of the Madras  
Railway during the  
Quarter ending 30<sup>th</sup>  
Sept 1876.

List of the Capital sanctions  
in force in the Engineers  
& Locomotive Depart-  
ments of the Madras Ry-  
during the Quarter ending  
September 1876.

The — ordered to  
forward to the  
P. of India