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15TH JULY 1890, No. 1009 R., PUBLIC WORKS.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

From the Consulting Engineer for Railways, dated Madras, 7th July 1890,  
No. 474.

SCHEDULE of Estimates sanctioned on the Madras Railway up to 30th April 1890.

[Statement.]

## MADRAS RAILWAY.

SCHEDULE of Works sanctioned or in progress up to 30th April 1890, under the authority of the Madras Government, prepared in accordance with para. 13 of P.W.D. Circular No. 42 of 1880—G.O., No. 22 R., dated 10th January 1881. Limit of cost of each work to be sanctioned by above authority, Rs. 25,000 (*vide* G.O., No. 4 R., dated 9th January 1889).

| Register No. | Authority and Date.                         | Description of Work.                                                                                                                                    | ESTIMATE.  |            |            |           |           |           | REMARKS.<br>It should be stated in this column whether in progress or completed. |
|--------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|-----------|-----------|-----------|----------------------------------------------------------------------------------|
|              |                                             |                                                                                                                                                         | CAPITAL.   |            |            | REVENUE.  |           |           | Date of lapse of sanction.                                                       |
|              |                                             |                                                                                                                                                         | Cash.      | Stores.    | Total.     | Cash.     | Stores.   | Total.    |                                                                                  |
| 1            | C.E. No. 490, dated 26th July 1887.         | Electric-starting semaphore signal interlocked with block instruments required for the trial stations opened during 1887-88.                            | RS. A. P.  | RS. A. P.  | RS. A. P.  | RS. A. P. | RS. A. P. | RS. A. P. | 25th July 1891.                                                                  |
| 2            | Do. do. ..                                  | Block instruments, stores, &c., required for fitting up trial stations opened during 1887-88.                                                           | 1,312 0 0  | 3,424 0 0  | 4,736 0 0  | ..        | ..        | ..        | In progress.                                                                     |
| 3            | C.E. No. 766, dated 24th September 1888.    | Catch-siding at Kuppam                                                                                                                                  | 1,288 0 0  | 1,480 0 0  | 2,768 0 0  | ..        | ..        | ..        | Do.                                                                              |
| 4            | G.O., No. 127 R., dated 1st February 1889.  | Station-house, &c., at Ulli                                                                                                                             | 1,352 0 0  | 2,087 0 0  | 3,439 0 0  | ..        | ..        | ..        | Do.                                                                              |
| 5            | G.O., No. 111 R., dated 1st February 1889.  | Single needle instruments, &c., required for opening telegraph offices at trial and additional stations to meet the requirements of Traffic department. | 3,630 0 0  | 4,307 0 0  | 7,937 0 0  | ..        | ..        | ..        | Do.                                                                              |
| 6            | C.E. No. 406, dated 8th May 1889.           | Weight-bridge and alteration of cross-over road at Kolar road, Bangalore branch.                                                                        | 4,122 0 0  | 3,588 0 0  | 7,710 0 0  | ..        | ..        | ..        | Do.                                                                              |
| 7            | G.O., No. 552 R., dated 15th May 1889.      | Native signaller's bungalow at Guntakal junction.                                                                                                       | 348 0 0    | 2,831 0 0  | 3,179 0 0  | 270 0 0   | ..        | 270 0 0   | Do.                                                                              |
| 8            | C.E. No. 514, dated 17th June 1889.         | Verandah to the Assistant Traffic Manager's bungalow at Gooty.                                                                                          | 10,089 0 0 | 12,393 0 0 | 22,482 0 0 | ..        | ..        | ..        | Do.                                                                              |
| 9            | C.E. No. 661, dated 12th August 1889.       | Alterations and additions to locomotive sidings, &c., at Jalapet.                                                                                       | 2,736 0 0  | 701 0 0    | 3,437 0 0  | ..        | ..        | ..        | Do.                                                                              |
| 10           | G.O., No. 1082 R., dated 8th October 1889.  | Fixing a crane capable of lifting five tons at Salem.                                                                                                   | ..         | ..         | ..         | 709 0 0   | 353 0 0   | 1,062 0 0 | Completed.                                                                       |
| 11           | C.E. No. 851, dated 17th October 1889.      | Pointsmen's and scavengers' huts and latrine at Mallapuram.                                                                                             | 1,268 0 0  | 6,974 0 0  | 8,242 0 0  | 3,793 0 0 | 349 0 0   | 4,142 0 0 | In progress.                                                                     |
| 12           | C.E. No. 857, dated 17th October 1889.      | Lay-bye, loading bank and goods godown at Kupgal.                                                                                                       | 281 0 0    | 2,640 0 0  | 2,921 0 0  | ..        | ..        | ..        | Do.                                                                              |
| 13           | C.E. No. 858, dated 17th October 1889.      | Additional siding and cross-over road at Arkonam.                                                                                                       | 2,762 0 0  | 736 0 0    | 3,498 0 0  | ..        | ..        | ..        | Do.                                                                              |
| 14           | G.O., No. 1146 R., dated 22nd October 1889. | Proposed waiting sheds at Perambur                                                                                                                      | 1,565 0 0  | 3,129 0 0  | 4,694 0 0  | ..        | ..        | ..        | Do.                                                                              |
| 15           | G.O., No. 1159 R., dated 25th October 1889. | A tank-house on 15-foot arch bridge No. 242 near the Penner bridge.                                                                                     | 2,789 0 0  | 4,903 0 0  | 7,692 0 0  | 204 0 0   | ..        | 204 0 0   | Do.                                                                              |
| 16           | C.E. No. 936, dated 8th November 1889.      |                                                                                                                                                         | 1,610 0 0  | 5,668 0 0  | 7,278 0 0  | ..        | ..        | ..        | Do.                                                                              |
|              |                                             |                                                                                                                                                         | 2,222 0 0  | 135 0 0    | 2,357 0 0  | ..        | ..        | ..        | Do.                                                                              |

|    |                                              |                                                                                     |            |           |            |           |         |           |                  |              |
|----|----------------------------------------------|-------------------------------------------------------------------------------------|------------|-----------|------------|-----------|---------|-----------|------------------|--------------|
| 17 | C.E. No. 952, dated 13th November 1889.      | Tank-house to be erected on 20-foot arch bridge No. 180 near the Chitravati bridge. | ..         | ..        | ..         | 2,331 0 0 | 127 0 0 | 2,458 0 0 | 30th "           | Do.          |
| 18 | C.E. No. 968, dated 18th November 1889.      | Workshop along the engine shed at Renigunta.                                        | 507 0 0    | 884 0 0   | 1,391 0 0  | ..        | ..      | ..        | 30th "           | Do.          |
| 19 | C.E. No. 983, dated 23rd November 1889.      | Loading bank and goods godown at Somapur.                                           | 1,268 0 0  | 223 0 0   | 1,491 0 0  | ..        | ..      | ..        | 30th "           | Do.          |
| 20 | C.E. No. 994, dated 28th November 1889.      | Extension of platform at Tadiyalar                                                  | 797 0 0    | 778 0 0   | 1,575 0 0  | 44 0 0    | ..      | 44 0 0    | 30th "           | Do.          |
| 21 | C.E. No. 995, dated 28th November 1889.      | Extension of platform at Kadiampatti                                                | 835 0 0    | 508 0 0   | 1,343 0 0  | 77 0 0    | ..      | 77 0 0    | 30th "           | Completed.   |
| 22 | C.E. No. 998, dated 29th November 1889.      | Extension of through siding at Sholinghur.                                          | 807 0 0    | 1,930 0 0 | 2,737 0 0  | 16 0 0    | ..      | 16 0 0    | 30th "           | In progress. |
| 23 | C.E. No. 999, dated 29th November 1889.      | Extension of platform at Chinammampet.                                              | 1,425 0 0  | 1,606 0 0 | 3,031 0 0  | 154 0 0   | ..      | 154 0 0   | 30th "           | Do.          |
| 24 | C.E. No. 1027, dated 7th December 1889.      | Auxiliary well of 20 feet diameter to be constructed at Bangalore.                  | ..         | ..        | ..         | 1,102 0 0 | 332 0 0 | 1,434 0 0 | 30th "           | Do.          |
| 25 | C.E. No. 1037, dated 11th December 1889.     | Station-master's house at Urampad                                                   | 911 0 0    | 267 0 0   | 1,178 0 0  | ..        | ..      | ..        | 30th "           | Do.          |
| 26 | C.E. No. 1055, dated 13th December 1889.     | Station-master's house at Reddipalli                                                | 911 0 0    | 267 0 0   | 1,178 0 0  | ..        | ..      | ..        | 30th "           | Do.          |
| 27 | C.E. No. 1078, dated 20th December 1889.     | Waiting shed at Gúdalar on the Nilgiri branch.                                      | 1,076 0 0  | 193 0 0   | 1,269 0 0  | ..        | ..      | ..        | 30th "           | Do.          |
| 28 | G.O., No. 1414 R., dated 20th December 1889. | Permanent station at Pennér                                                         | 9,503 0 0  | 5,607 0 0 | 15,110 0 0 | 183 0 0   | ..      | 183 0 0   | 31st Dec.        | Do.          |
| 29 | C.E. No. 1090, dated 21st December 1889.     | Extension of the platform and through siding at Kondapuram.                         | 460 0 0    | 1,421 0 0 | 1,881 0 0  | 33 0 0    | ..      | 33 0 0    | 30th June "      | Do.          |
| 30 | C.E. No. 20, dated 10th January 1890.        | Pointsmen's and scavengers' huts at Kadambatur.                                     | 1,287 0 0  | 353 0 0   | 1,640 0 0  | ..        | ..      | ..        | 30th Sept. "     | Do.          |
| 31 | C.E. No. 21, dated 10th January 1890.        | Pointsmen's and scavengers' huts at Tadipatri.                                      | 2,937 0 0  | 611 0 0   | 3,548 0 0  | ..        | ..      | ..        | 31st Mar. 1891.  | Do.          |
| 32 | G.O., No. 33 R., dated 11th January 1890.    | Alterations and additions to the station-house at Bangalore Cantonment.             | 10,307 0 0 | 9,021 0 0 | 19,328 0 0 | 958 0 0   | ..      | 958 0 0   | 30th June "      | Do.          |
| 33 | C.E. No. 70, dated 23rd January 1890.        | Proposed lay-bye and crane at Tirur                                                 | 861 0 0    | 2,634 0 0 | 3,495 0 0  | ..        | ..      | ..        | 30th Sept. 1890. | Do.          |
| 34 | C.E. No. 71, dated 23rd January 1890.        | A house for the Station-master and Assistant Station-master at McDonald's Choultry. | 1,224 0 0  | 499 0 0   | 1,723 0 0  | ..        | ..      | ..        | 30th "           | Do.          |
| 35 | C.E. No. 72, dated 23rd January 1890.        | A house for the Station-master and the Assistant Station-master at Utkukuli.        | 1,250 0 0  | 499 0 0   | 1,729 0 0  | ..        | ..      | ..        | 30th "           | Do.          |
| 36 | C.E. No. 73, dated 24th January 1890.        | Fixing lightning conductors to the buildings at Calicut.                            | 349 0 0    | 755 0 0   | 1,104 0 0  | ..        | ..      | ..        | 31st Mar. 1891.  | Do.          |
| 37 | C.E. No. 83, dated 29th January 1890.        | Converting the salt godown at Bangalore into a running guards' bungalow.            | 1,387 0 0  | 887 0 0   | 2,274 0 0  | 62 0 0    | ..      | 62 0 0    | 30th Sept. 1890. | In abeyance. |
| 38 | C.E. No. 90, dated 31st January 1890.        | Pandal for a Telegraph Inspector's bungalow at Gooty.                               | ..         | ..        | ..         | 87 0 0    | 81 0 0  | 168 0 0   | 31st Mar. "      | Do.          |
| 39 | Do. do. ..                                   | Pandal for a double engine-driver's bungalow at Gooty.                              | ..         | ..        | ..         | 114 0 0   | 104 0 0 | 218 0 0   | 31st "           | Do.          |
| 40 | Do. do. ..                                   | Pandal for a married guard's bungalow at Gooty.                                     | ..         | ..        | ..         | 114 0 0   | 104 0 0 | 218 0 0   | 31st "           | Do.          |
| 41 | Do. do. ..                                   | Pandal for a fireman's bungalow at Gooty.                                           | ..         | ..        | ..         | 206 0 0   | 166 0 0 | 372 0 0   | 31st "           | In progress. |
| 42 | Do. do. ..                                   | Pandal for two guards' bungalow at Gooty.                                           | ..         | ..        | ..         | 458 0 0   | 368 0 0 | 826 0 0   | 31st "           | Do.          |

## Schedule of Works sanctioned or in progress up to 30th April 1890, under the authority of the Madras Government, &amp;c.—cont.

| Register No.                               | Authority and Date.                        | Description of Work.                                               | ESTIMATE.    |              |              |           |           |            | REMARKS.<br>It should be stated in this column whether in progress or completed. |
|--------------------------------------------|--------------------------------------------|--------------------------------------------------------------------|--------------|--------------|--------------|-----------|-----------|------------|----------------------------------------------------------------------------------|
|                                            |                                            |                                                                    | CAPITAL.     |              |              | REVENUE.  |           |            | Date of lapse of sanction.                                                       |
|                                            |                                            |                                                                    | Cash.        | Stores.      | Total.       | Cash.     | Stores.   | Total.     |                                                                                  |
|                                            |                                            |                                                                    | RS. A. P.    | RS. A. P.    | RS. A. P.    | RS. A. P. | RS. A. P. | RS. A. P.  |                                                                                  |
| 43                                         | C.E. No. 102, dated 4th February 1890.     | Extension of trimming shop in carriage shop at Perambur Works.     | 129 0 0      | 1,107 0 0    | 1,236 0 0    | 11 0 0    | ..        | 11 0 0     | 30th Sept. 1890.                                                                 |
| 44                                         | G.O. No. 215 R., dated 11th February 1890. | Through siding at Vizianagalam                                     | 3,204 0 0    | 7,508 0 0    | 10,712 0 0   | ..        | ..        | ..         | 30th "                                                                           |
| 45                                         | G.O. No. 216 R., dated 11th February 1890. | Station-house, &c., at Pallipuram                                  | 6,072 0 0    | 7,218 0 0    | 13,290 0 0   | ..        | ..        | ..         | 31st Mar. 1891.                                                                  |
| 46                                         | C.E. No. 167, dated 20th February 1890.    | Proposed alterations and additions to station-house at Kolar road. | 2,912 0 0    | 653 0 0      | 3,565 0 0    | 55 0 0    | ..        | 55 0 0     | 30th Sept. 1890.                                                                 |
| 47                                         | C.E. No. 170, dated 20th February 1890.    | Guard's bungalow for two families at Arkonam.                      | 2,932 0 0    | 1,615 0 0    | 4,547 0 0    | ..        | ..        | ..         | 31st Mar. 1891.                                                                  |
| 48                                         | C.E. No. 189, dated 27th February 1890.    | Guard's bungalow for two families at Pedanur.                      | 3,018 0 0    | 1,145 0 0    | 4,163 0 0    | ..        | ..        | ..         | 31st "                                                                           |
| 49                                         | C.E. No. 217, dated 6th March 1890.        | Alteration of catch siding at Jalarpet.                            | ..           | ..           | ..           | 3,078 0 0 | 396 0 0   | 3,474 0 0  | 30th Sept. 1890.                                                                 |
| 50                                         | C.E. No. 228, dated 10th March 1890.       | Double Engine-driver's bungalow at Renigunta.                      | 3,485 0 0    | 1,460 0 0    | 4,945 0 0    | ..        | ..        | ..         | 31st Mar. 1891.                                                                  |
| 51                                         | C.E. No. 229, dated 10th March 1890.       | Permanent-way Inspector's bungalow at Pedanur.                     | 2,426 0 0    | 1,075 0 0    | 3,501 0 0    | ..        | ..        | ..         | 31st "                                                                           |
| 52                                         | C.E. No. 230, dated 10th March 1890.       | Twelve Firemen's houses at Gooty.                                  | ..           | ..           | ..           | ..        | ..        | ..         | 31st "                                                                           |
| 53                                         | C.E. No. 231, dated 10th March 1890.       | Fitting all covered goods wagons with screw couplings.             | ..           | ..           | ..           | 3,010 0 0 | 620 0 0   | 3,630 0 0  | 31st "                                                                           |
| 54                                         | G.O. No. 372 R., dated 10th March 1890.    | Additions and alterations to sidings, &c., at Kolar road.          | 3,265 0 0    | 13,006 0 0   | 16,271 0 0   | 1,916 0 0 | 2,374 0 0 | 4,290 0 0  | 30th June "                                                                      |
| 55                                         | G.O. No. 373 R., dated 15th March 1890.    | Lay-by, loading bank and goods godown at Patchur.                  | 4,504 0 0    | 4,457 0 0    | 8,961 0 0    | 1,440 0 0 | 468 0 0   | 1,908 0 0  | 31st Mar. "                                                                      |
| 56                                         | G.O. No. 410 R., dated 22nd March 1890.    | A third line and lay-by at Mullalur, Bangalore Branch.             | 3,910 0 0    | 5,848 0 0    | 9,758 0 0    | ..        | ..        | ..         | Not commenced.                                                                   |
| 57                                         | G.O. No. 459 R., dated 1st April 1890.     | Running Drivers' and Foremen's bungalow at Renigunta.              | 5,611 0 0    | 2,167 0 0    | 7,778 0 0    | 361 0 0   | ..        | 361 0 0    | In progress.                                                                     |
| 58                                         | C.E. No. 347, dated 19th April 1890.       | Proposed platform at Kadalundi                                     | 2,605 0 0    | 1,639 0 0    | 4,244 0 0    | ..        | ..        | ..         | Do.                                                                              |
| 59                                         | C.E. No. 365, dated 25th April 1890.       | Third-class waiting-room, &c., at Tiruvallam.                      | 1,259 0 0    | 1,452 0 0    | 2,711 0 0    | ..        | ..        | ..         | Do.                                                                              |
|                                            |                                            | Total amount of sanctions granted up to date.                      | 1,20,788 0 0 | 1,34,289 0 0 | 2,55,077 0 0 | 5,873 0 0 | 426 0 0   | 27,054 0 0 | Not commenced.                                                                   |
| Budget grant of the year for Capital works |                                            |                                                                    | ..           | ..           | ..           | ..        | ..        | ..         |                                                                                  |
| Total sanctions against the budget grant   |                                            |                                                                    | ..           | ..           | ..           | ..        | ..        | ..         |                                                                                  |
| Balance available for future sanctions     |                                            |                                                                    | ..           | ..           | ..           | ..        | ..        | ..         |                                                                                  |
| RS.                                        |                                            |                                                                    | ..           | ..           | ..           | ..        | ..        | ..         |                                                                                  |
| 5,69,000                                   |                                            |                                                                    | ..           | ..           | ..           | ..        | ..        | ..         |                                                                                  |
| 2,88,337                                   |                                            |                                                                    | ..           | ..           | ..           | ..        | ..        | ..         |                                                                                  |
| 2,80,663                                   |                                            |                                                                    | ..           | ..           | ..           | ..        | ..        | ..         |                                                                                  |

MADRAS,  
7th July 1890.(Signed) SIDNEY SMITH, Major, R.E.,  
Offg. Consulting Engineer for Railways.

15TH JULY 1890, No. 1009 R., PUBLIC WORKS.

5

Submitted to Government for transmission to the Director-General of Railways.

|                                                                                                                                                                                                                                                                                                                                                                            |     |     |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--------------|
| 2. Of ninety works sanctioned, fifty-six (of which forty-five are chargeable to Capital) were incomplete on the 31st March 1890. Provision for these works has been made in the budget for the current year, with the exception of item 3 for which the Agent and Manager, Madras Railway, has sent a proposal to transfer funds, from item 4, schedule A, budget 1890-91. |     |     |              |
| * Engineering Works.                                                                                                                                                                                                                                                                                                                                                       |     |     |              |
| Sanctioned                                                                                                                                                                                                                                                                                                                                                                 | ... | ... | RS. 2,77,000 |
| Unsanctioned                                                                                                                                                                                                                                                                                                                                                               | ... | ... | 2,50,000     |
| Carriage and Wagon.                                                                                                                                                                                                                                                                                                                                                        |     |     |              |
| Sanctioned                                                                                                                                                                                                                                                                                                                                                                 | ... | ... | 32,000       |
| Unsanctioned                                                                                                                                                                                                                                                                                                                                                               | ... | ... | 10,000       |
| Total                                                                                                                                                                                                                                                                                                                                                                      | ... | ... | 5,69,000     |

3. The budget grant for works chargeable to Capital in the schedule now stands at Rs. 5,69,000.\*

ORDER—dated 15th July 1890, No. 1009 R., Public Works.

Ordered to be forwarded to the Director-General of Railways.

(Here enter No. 1010 R., dated 15th July 1890.)

(True Extract.)

(Signed) T. GRACEY, Lieut.-Col., R.E.,  
Offg. Joint Secy. to Govt., P.W.D.,  
Railway Branch.To the Consulting Engineer for Railways.  
" Examiner, Guaranteed Railway Accounts.

ENDORSEMENT—dated 15th July 1890, No. 1010 R., Public Works.

Forwarded.

(By Order.)

Lieut.-Col., R.E.,  
Offg. Joint Secy. to Govt., P.W.D.,  
Railway Branch.Exd. J. Moses.  
Spare Copies

RAILWAY.

Govt. of {1890} Madras.

PUBLIC WORKS.

*Dated July, 15th.*

*Recd.*

*Encl.*

G.O., 15th July 1890, Nos. 1009,  
1010 R.

JULY.

### Madras Railway

Forwarding the schedule of estimates  
sanctioned on the — up to 30th April 1890.

17TH MAY 1890, No. 681 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

From the Consulting Engineer for Railways, dated Madras, 12th May 1890,  
No. 333.

SCHEDULE of Estimates sanctioned on the Madras Railway up to 31st March 1890.

[Statement.]

SCHEDULE of Works sanctioned or in progress up to 31st March 1890, under the authority of the Madras Government, prepared in accordance with para. 13 of P.W.D. Circular No. 42 of 1880—G.O., No. 22 R., dated 10th January 1881. Limit of cost of each work to be sanctioned by above authority, Rs. 25,000 (vide G.O., No. 4 R., dated 9th January 1889).

| Register No. | Authority and Date.                          | Description of Work.                                                                                                         | ESTIMATE.              |                        |                        |                 |                 |                 | REMARKS.<br>It should be stated in this column whether in progress or completed. |
|--------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|------------------------|-----------------|-----------------|-----------------|----------------------------------------------------------------------------------|
|              |                                              |                                                                                                                              | CAPITAL.               |                        |                        | REVENUE.        |                 |                 | Date of lapse of sanction.                                                       |
|              |                                              |                                                                                                                              | Cash.                  | Stores.                | Total.                 | Cash.           | Stores.         | Total.          |                                                                                  |
| 1            | C.E. No. 490, dated 26th July 1887.          | Electric-starting semaphore signal interlocked with block instruments required for the trial stations opened during 1887-88. | Rs. A. P.<br>1,312 0 0 | Rs. A. P.<br>3,424 0 0 | Rs. A. P.<br>4,736 0 0 | Rs. A. P.<br>.. | Rs. A. P.<br>.. | Rs. A. P.<br>.. | 25th July 1891. In progress.                                                     |
| 2            | Do.                                          | Electric-starting semaphore signal interlocked with block instruments required at stations on the Calicut extension.         | 492 0 0                | 1,284 0 0              | 1,776 0 0              | ..              | ..              | ..              | 31st Dec. 1889. Completed.                                                       |
| 3            | Do.                                          | Block instruments, stores, &c., required for fitting up trial stations opened during 1887-88.                                | 1,288 0 0              | 1,480 0 0              | 2,768 0 0              | ..              | ..              | ..              | 25th July 1891. In progress.                                                     |
| 4            | Do.                                          | Instrument, stores, &c., required for opening telegraph offices at stations on the Calicut extension.                        | 926 0 0                | 1,069 0 0              | 1,995 0 0              | ..              | ..              | ..              | 25th July 1891. Completed.                                                       |
| 5            | C.E. No. 830, dated 29th November 1887.      | Erecting posts, wires, &c., for electric-starting semaphore signal and bell circuits on the Calicut extension.               | 319 0 0                | 983 0 0                | 1,302 0 0              | ..              | ..              | ..              | Do.                                                                              |
| 6            | C.E. No. 881, dated 21st December 1887.      | Electric-starting semaphore signals interlocked with block instruments for Palghat station.                                  | 332 0 0                | 341 0 0                | 673 0 0                | ..              | ..              | ..              | Do.                                                                              |
| 7            | Do.                                          | Rail posts, wires, instruments, &c., required for opening telegraph offices, block and bell circuits on Palghat extension.   | 635 0 0                | 1,429 0 0              | 2,064 0 0              | ..              | ..              | ..              | Do.                                                                              |
| 8            | C.E. No. 587, dated 6th August 1888.         | Extension of platform and through siding at Nagari.                                                                          | 1,034 0 0              | 1,603 0 0              | 2,637 0 0              | 589 0 0         | 464 0 0         | 1,053 0 0       | Do.                                                                              |
| 9            | C.E. No. 748, dated 21st September 1888.     | Do. at Rayachottam station.                                                                                                  | ..                     | ..                     | ..                     | 687 8 0         | 403 8 0         | 1,091 0 0       | Do.                                                                              |
| 10           | C.E. No. 766, dated 24th September 1888.     | Catch-siding at Kuppam.                                                                                                      | 1,352 0 0              | 2,087 0 0              | 3,439 0 0              | ..              | ..              | ..              | Do.                                                                              |
| 11           | G.O., No. 766 R., dated 15th September 1888. | Two guards' bungalows at Gooty (each at Rs. 5,088).                                                                          | 8,954 0 0              | 1,622 0 0              | 10,576 0 0             | ..              | ..              | ..              | Do.                                                                              |
| 12           | C.E. No. 811, dated 6th October 1888.        | Pointsmen's huts at Nancherla.                                                                                               | ..                     | ..                     | ..                     | 701 0 0         | 404 0 0         | 1,105 0 0       | Do.                                                                              |
| 13           | C.E. No. 812, dated 6th October 1888.        | Station-master's house at Aspari.                                                                                            | ..                     | ..                     | ..                     | 718 0 0         | 428 0 0         | 1,146 0 0       | Do.                                                                              |
| 14           | C.E. No. 814, dated 6th October 1888.        | Double house for the Station-master at Nandalur.                                                                             | ..                     | ..                     | ..                     | 1,316 0 0       | 442 0 0         | 1,758 0 0       | Do.                                                                              |
| 15           | C.E. No. 825, dated 11th January 1889.       | Opening direct telegraph communication on the Morse wire between Rayanur, Yyasarpu, Perambur and Madras.                     | ..                     | ..                     | ..                     | 125 0 0         | 289 0 0         | 414 0 0         | Do.                                                                              |

17TH MAY 1890, No. 681 R., PUBLIC WORKS.

17TH MAY 1890, No. 681 R., PUBLIC WORKS.

|    |                                             |                                                                                                                                                         |            |            |            |           |           |           |                      |
|----|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|-----------|-----------|-----------|----------------------|
| 16 | C.E. No. 36, dated 14th January 1889.       | Extension of platform, &c., at Singapur.                                                                                                                | ..         | ..         | ..         | 1,253 0 0 | 815 0 0   | 1,568 0 0 | 30th Sept. 1889. Do. |
| 17 | C.E. No. 100, dated 29th January 1889.      | Cross-over road at Pedanur.                                                                                                                             | 350 0 0    | 2,397 0 0  | 2,747 0 0  | ..        | ..        | ..        | Do.                  |
| 18 | G.O., No. 127 R., dated 1st February 1889.  | Station-house, &c., at Uli.                                                                                                                             | 3,630 0 0  | 4,307 0 0  | 7,937 0 0  | ..        | ..        | ..        | In progress.         |
| 19 | G.O., No. 111 R., dated 1st February 1889.  | Single needle instruments, &c., required for opening telegraph offices at trial and additional stations to meet the requirements of Traffic department. | 4,122 0 0  | 3,588 0 0  | 7,710 0 0  | ..        | ..        | ..        | Do.                  |
| 20 | C.E. No. 153, dated 18th February 1889.     | Horse and carriage dock siding at Guntur.                                                                                                               | ..         | ..         | ..         | 213 0 0   | 1,774 0 0 | 1,987 0 0 | Completed.           |
| 21 | G.O., No. 328 R., dated 25th March 1889.    | A tiffin-room at Perambur station.                                                                                                                      | 3,496 0 0  | 3,304 0 0  | 7,000 0 0  | ..        | ..        | ..        | Do.                  |
| 22 | C.E. No. 255, dated 17th April 1889.        | Locomotive Foreman's bungalow at Gooty.                                                                                                                 | ..         | ..         | ..         | 3,333 0 0 | 1,939 0 0 | 5,272 0 0 | Do.                  |
| 23 | C.E. No. 406, dated 8th May 1889.           | Weight-bridge and alteration of cross-over road at Kolar road, Bangalore branch.                                                                        | 348 0 0    | 2,831 0 0  | 3,179 0 0  | 270 0 0   | ..        | 270 0 0   | In progress.         |
| 24 | G.O., No. 562 R., dated 15th May 1889.      | Station-house, &c., at Vanganur.                                                                                                                        | 10,089 0 0 | 12,393 0 0 | 22,482 0 0 | ..        | ..        | ..        | Do.                  |
| 25 | C.E. No. 466, dated 28th May 1889.          | A new saloon-carriage in replacement of the one sold to His Highness Aga Khan.                                                                          | 2,540 0 0  | 4,950 0 0  | 6,769 0 0  | ..        | ..        | ..        | Completed.           |
| 26 | C.E. No. 514, dated 17th June 1889.         | Native signaller's bungalow at Guntakal junction.                                                                                                       | 2,736 0 0  | 701 0 0    | 3,437 0 0  | ..        | ..        | ..        | In progress.         |
| 27 | C.E. No. 526, dated 20th June 1889.         | Harness-maker's sewing machine and ten Ehbraudt's portable weighing machines.                                                                           | ..         | ..         | ..         | ..        | 2,925 0 0 | 2,925 0 0 | Completed.           |
| 28 | C.E. No. 595, dated 18th July 1889.         | Raising the ground for loading purposes at Kolar road.                                                                                                  | ..         | ..         | ..         | 1,188 0 0 | ..        | 1,188 0 0 | Do.                  |
| 29 | G.O., No. 800 R., dated 25th July 1889.     | Through siding at Tyakal station.                                                                                                                       | 1,551 0 0  | 6,251 0 0  | 7,802 0 0  | 49 0 0    | ..        | 49 0 0    | Do.                  |
| 30 | C.E. No. 543, dated 2nd August 1889.        | Additional shelves for roof lamps at Raichur.                                                                                                           | ..         | ..         | ..         | 30 0 0    | 244 0 0   | 274 0 0   | Do.                  |
| 31 | C.E. No. 661, dated 12th August 1889.       | Verandah to the Assistant Traffic Manager's bungalow at Gooty.                                                                                          | ..         | ..         | ..         | 709 0 0   | 353 0 0   | 1,062 0 0 | In progress.         |
| 32 | C.E. No. 664, dated 12th August 1889.       | Extension of a electric siding at Rayanur.                                                                                                              | ..         | ..         | ..         | 900 0 0   | 1,342 0 0 | 1,642 0 0 | Completed.           |
| 33 | C.E. No. 691, dated 17th August 1889.       | Altering the old shed lately used by the Cash department at Salt Cotters.                                                                               | ..         | ..         | ..         | 404 0 0   | 660 0 0   | 1,064 0 0 | Do.                  |
| 34 | G.O., No. 1082 R., dated 8th October 1889.  | Alterations and additions to locomotive sidings, &c., at Jalapet.                                                                                       | 1,268 0 0  | 6,974 0 0  | 8,242 0 0  | 3,793 0 0 | 349 0 0   | 4,142 0 0 | In progress.         |
| 35 | C.E. No. 851, dated 17th October 1889.      | Fixing a crane capable of lifting five tons at Salem.                                                                                                   | 281 0 0    | 2,640 0 0  | 2,921 0 0  | ..        | ..        | ..        | Do.                  |
| 36 | C.E. No. 857, dated 17th October 1889.      | Pointsmen's and scavengers' huts and latrine at Mallapuram.                                                                                             | 2,762 0 0  | 736 0 0    | 3,498 0 0  | ..        | ..        | ..        | Do.                  |
| 37 | C.E. No. 858, dated 17th October 1889.      | Lay-by, loading bank and goods godown at Kupgal.                                                                                                        | 1,565 0 0  | 3,129 0 0  | 4,694 0 0  | ..        | ..        | ..        | Do.                  |
| 38 | G.O., No. 1146 R., dated 22nd October 1889. | Additional siding and cross-over road at Arkonam.                                                                                                       | 2,789 0 0  | 4,903 0 0  | 7,692 0 0  | 204 0 0   | ..        | 204 0 0   | Do.                  |
| 39 | G.O., No. 1155 R., dated 25th October 1889. | Proposed waiting sheds at Perambur.                                                                                                                     | 1,610 0 0  | 5,668 0 0  | 7,278 0 0  | ..        | ..        | ..        | Do.                  |

30th April MADRAS RAILWAY.

Schedule of Works sanctioned or in progress up to 31st March 1890, under the authority of the Madras Government, &c.—cont.

| Register No. | Authority and Date.                         | Description of Work.                                                                | ESTIMATE. |           |            |           |         |           | Date of lapse of sanction. | REMARKS.<br>It should be stated in this column whether in progress or completed. |
|--------------|---------------------------------------------|-------------------------------------------------------------------------------------|-----------|-----------|------------|-----------|---------|-----------|----------------------------|----------------------------------------------------------------------------------|
|              |                                             |                                                                                     | CAPITAL.  |           |            | REVENUE.  |         |           |                            |                                                                                  |
|              |                                             |                                                                                     | Cash.     | Stores.   | Total.     | Cash.     | Stores. | Total.    |                            |                                                                                  |
| 40           | C.E. No. 936, dated 8th November 1889.      | A tank-house on 15-feet arch bridge No. 242 near the Pennér bridge.                 | 2,222 0 0 | 135 0 0   | 2,357 0 0  | ..        | ..      | ..        | 30th June 1890.            | In progress.                                                                     |
| 41           | C.E. No. 952, dated 13th November 1889.     | Tank-house to be erected on 20-feet arch bridge No. 180 near the Chitravuti bridge. | ..        | ..        | ..         | 2,331 0 0 | 127 0 0 | 2,458 0 0 | 30th "                     | Do.                                                                              |
| 42           | C.E. No. 968, dated 18th November 1889.     | Workshop along the engine shed at Rénigunta.                                        | 507 0 0   | 884 0 0   | 1,391 0 0  | ..        | ..      | ..        | 30th "                     | Do.                                                                              |
| 43           | C.E. No. 983, dated 23rd November 1889.     | Loading bank and goods godown at Somnūr.                                            | 1,268 0 0 | 223 0 0   | 1,491 0 0  | ..        | ..      | ..        | 30th "                     | Do.                                                                              |
| 44           | C.E. No. 984, dated 23rd November 1889.     | Goods godown at Madukarai.                                                          | 961 0 0   | 240 0 0   | 1,201 0 0  | ..        | ..      | ..        | 30th "                     | Completed.                                                                       |
| 45           | C.E. No. 994, dated 28th November 1889.     | Extension of through siding at Tirupattur.                                          | 236 0 0   | 861 0 0   | 1,097 0 0  | 33 0 0    | ..      | 33 0 0    | 30th "                     | Do.                                                                              |
| 46           | C.E. No. 994, dated 28th November 1889.     | Extension of platform at Tudiyalur.                                                 | 797 0 0   | 778 0 0   | 1,575 0 0  | 44 0 0    | ..      | 44 0 0    | 30th "                     | In progress.                                                                     |
| 47           | C.E. No. 995, dated 28th November 1889.     | Extension of platform at Kadiampatti.                                               | 835 0 0   | 508 0 0   | 1,343 0 0  | 77 0 0    | ..      | 77 0 0    | 30th "                     | Do. <i>Completed</i>                                                             |
| 48           | C.E. No. 998, dated 29th November 1889.     | Extension of through siding at Sholin-ghur.                                         | 807 0 0   | 1,930 0 0 | 2,737 0 0  | 16 0 0    | ..      | 16 0 0    | 30th "                     | Do. <i>In progress</i>                                                           |
| 49           | C.E. No. 999, dated 29th November 1889.     | Extension of platform at Chinnamampet.                                              | 1,425 0 0 | 1,606 0 0 | 3,031 0 0  | 154 0 0   | ..      | 154 0 0   | 30th "                     | Do.                                                                              |
| 50           | G.O. No. 1320 R., dated 3rd December 1889.  | Siding and cross-over road at Olavakōde.                                            | 1,043 0 0 | 5,841 0 0 | 6,884 0 0  | ..        | ..      | ..        | 30th "                     | Completed.                                                                       |
| 51           | C.E. No. 1027, dated 7th December 1889.     | Auxiliary well of 20 feet diameter to be constructed at Bangalore.                  | ..        | ..        | ..         | 1,102 0 0 | 332 0 0 | 1,434 0 0 | 30th "                     | In progress.                                                                     |
| 52           | C.E. No. 1037, dated 11th December 1889.    | Station-master's house at Urampad.                                                  | 911 0 0   | 267 0 0   | 1,178 0 0  | ..        | ..      | ..        | 30th "                     | Do.                                                                              |
| 53           | C.E. No. 1055, dated 13th December 1889.    | Station-master's house at Reddipalli.                                               | 911 0 0   | 267 0 0   | 1,178 0 0  | ..        | ..      | ..        | 30th "                     | Do.                                                                              |
| 54           | C.E. No. 1078, dated 20th December 1889.    | Waiting shed at Gúdālar on the Nīlgiri branch.                                      | 1,076 0 0 | 193 0 0   | 1,269 0 0  | ..        | ..      | ..        | 30th "                     | Do.                                                                              |
| 55           | G.O. No. 1414 R., dated 20th December 1889. | Permanent station at Pennér.                                                        | 9,503 0 0 | 5,607 0 0 | 15,110 0 0 | 183 0 0   | ..      | 183 0 0   | 31st Dec.                  | Do.                                                                              |
| 56           | C.E. No. 1060, dated 21st December 1889.    | Extension of the platform and through siding at Kamalapuram.                        | 560 0 0   | 1,613 0 0 | 2,173 0 0  | 33 0 0    | ..      | 33 0 0    | 30th June "                | Completed.                                                                       |
| 57           | C.E. No. 1090, dated 21st December 1889.    | Extension of the platform and through siding at Kondapuram.                         | 460 0 0   | 1,421 0 0 | 1,881 0 0  | 33 0 0    | ..      | 33 0 0    | 30th "                     | In progress.                                                                     |
| 58           | C.E. No. 20, dated 10th January 1890.       | Pointsmen's and scavengers' huts at Kadambatur.                                     | 1,287 0 0 | 353 0 0   | 1,640 0 0  | ..        | ..      | ..        | 30th Sept.                 | Do.                                                                              |

|        |                                            |                                                                                         |            |           |            |           |         |           |                  |                |
|--------|--------------------------------------------|-----------------------------------------------------------------------------------------|------------|-----------|------------|-----------|---------|-----------|------------------|----------------|
| 31. 59 | C.E. No. 21, dated 10th January 1890.      | Pointsmen's and scavengers' huts at Tad-patri.                                          | 2,937 0 0  | 611 0 0   | 3,548 0 0  | ..        | ..      | ..        | 31st Mar. 1891.  | Do.            |
| 32. 60 | C.E. No. 26, dated 14th January 1890.      | Erection of pandals to 6 bungalows at Rénigunta.                                        | ..         | ..        | ..         | 710 0 0   | 656 0 0 | 1,366 0 0 | 31st "           | Completed.     |
| 33. 61 | G.O. No. 33 R., dated 11th January 1890.   | Alterations and additions to the station-house at Bangalore Cantonment.                 | 10,307 0 0 | 9,021 0 0 | 19,328 0 0 | 958 0 0   | ..      | 958 0 0   | 30th June 1891.  | In progress.   |
| 34. 62 | C.E. No. 70, dated 23rd January 1890.      | Proposed lay-by and crane at Tiru.                                                      | 861 0 0    | 2,634 0 0 | 3,495 0 0  | ..        | ..      | ..        | 30th Sept. 1890. | Do.            |
| 35. 63 | C.E. No. 71, dated 23rd January 1890.      | A house for the Station-master and Assistant Station-master at McDonald's Choultry.     | 1,224 0 0  | 499 0 0   | 1,723 0 0  | ..        | ..      | ..        | 30th "           | Do.            |
| 36. 64 | C.E. No. 72, dated 23rd January 1890.      | A house for the Station-master and the Assistant Station-master at Utukuli.             | 1,230 0 0  | 499 0 0   | 1,729 0 0  | ..        | ..      | ..        | 30th "           | Do.            |
| 37. 65 | C.E. No. 73, dated 24th January 1890.      | Fixing lightning conductors to the buildings at Calicut.                                | 349 0 0    | 755 0 0   | 1,104 0 0  | ..        | ..      | ..        | 31st Mar. 1891.  | Do.            |
| 38. 66 | G.O. No. 75, dated 24th January 1890.      | Six temporary huts at Jakkur for the accommodation of patients infected with small-pox. | ..         | ..        | ..         | 163 3 0   | 132 0 0 | 295 3 0   | 30th June 1890.  | Completed.     |
| 39. 67 | C.E. No. 83, dated 29th January 1890.      | Converting the salt godown at Bangalore into a running guards' bungalow.                | 1,387 0 0  | 887 0 0   | 2,274 0 0  | 62 0 0    | ..      | 62 0 0    | 30th Sept.       | Not commenced. |
| 40. 68 | C.E. No. 90, dated 31st January 1890.      | Pandal for a Telegraph Inspector's bungalow at Gooty.                                   | ..         | ..        | ..         | 87 0 0    | 81 0 0  | 168 0 0   | 31st Mar.        | In progress.   |
| 41. 69 | Do.                                        | Pandal for a double engine-driver's bungalow at Gooty.                                  | ..         | ..        | ..         | 114 0 0   | 104 0 0 | 218 0 0   | 31st "           | Do.            |
| 42. 70 | Do.                                        | Pandal for a married guard's bungalow at Gooty.                                         | ..         | ..        | ..         | 114 0 0   | 104 0 0 | 218 0 0   | 31st "           | Do.            |
| 43. 71 | Do.                                        | Pandal for a fireman's bungalow at Gooty.                                               | ..         | ..        | ..         | 206 0 0   | 166 0 0 | 372 0 0   | 31st "           | Do.            |
| 44. 72 | Do.                                        | Pandal for two guards' bungalow at Gooty.                                               | ..         | ..        | ..         | 458 0 0   | 368 0 0 | 826 0 0   | 31st "           | Do.            |
| 45. 73 | C.E. No. 102, dated 4th February 1890.     | Extension of trimming shop in carriage shop at Perambur Works.                          | 129 0 0    | 1,107 0 0 | 1,236 0 0  | 11 0 0    | ..      | 11 0 0    | 30th Sept.       | Not commenced. |
| 46. 74 | C.E. No. 104, dated 4th February 1890.     | Cross-over road at Kolar road.                                                          | 116 0 0    | 1,551 0 0 | 1,667 0 0  | ..        | ..      | ..        | 30th "           | Completed.     |
| 47. 75 | G.E. No. 125, dated 14th February 1890.    | Emergent stock shed at Gooty.                                                           | 988 0 0    | 1,336 0 0 | 2,324 0 0  | ..        | ..      | ..        | 30th June "      | Do.            |
| 48. 76 | G.O. No. 215 R., dated 11th February 1890. | Through siding at Vizianangalam.                                                        | 3,204 0 0  | 7,508 0 0 | 10,712 0 0 | ..        | ..      | ..        | 30th Sept.       | In progress.   |
| 49. 77 | G.O. No. 216 R., dated 11th February 1890. | Station-house, &c., at Pallipuram.                                                      | 6,072 0 0  | 7,218 0 0 | 13,290 0 0 | ..        | ..      | ..        | 31st Mar. 1891.  | Do.            |
| 50. 78 | C.E. No. 167, dated 20th February 1890.    | Proposed alterations and additions to station-house at Kolar road.                      | 2,912 0 0  | 653 0 0   | 3,565 0 0  | 55 0 0    | ..      | 55 0 0    | 30th Sept. 1890. | Do.            |
| 51. 79 | C.E. No. 170, dated 20th February 1890.    | Guard's bungalow for two families at Arkonam.                                           | 2,932 0 0  | 1,615 0 0 | 4,547 0 0  | ..        | ..      | ..        | 31st Mar. 1891.  | Do.            |
| 52. 80 | C.E. No. 187, dated 24th February 1890.    | A 2-ten-ant at Mangalam.                                                                | 432 0 0    | 1,380 0 0 | 1,812 0 0  | ..        | ..      | ..        | 30th June 1890.  | Completed.     |
| 53. 81 | C.E. No. 189, dated 27th February 1890.    | Guard's bungalow for two families at Podanūr.                                           | 3,018 0 0  | 1,145 0 0 | 4,163 0 0  | ..        | ..      | ..        | 31st Mar. 1891.  | In progress.   |
| 54. 82 | C.E. No. 217, dated 6th March 1890.        | Alteration of catch siding at Jalārpét.                                                 | ..         | ..        | ..         | 3,078 0 0 | 396 0 0 | 3,474 0 0 | 30th Sept. 1890. | Do.            |
| 55. 83 | C.E. No. 228, dated 10th March 1890.       | Double Engine-driver's bungalow at Rénigunta.                                           | 3,485 0 0  | 1,460 0 0 | 4,945 0 0  | ..        | ..      | ..        | 31st Mar. 1891.  | Do.            |
| 56. 84 | C.E. No. 229, dated 10th March 1890.       | Permanent-way Inspector's bungalow at Podanūr.                                          | 2,466 0 0  | 1,075 0 0 | 3,541 0 0  | ..        | ..      | ..        | 31st "           | Do.            |
| 57. 85 | C.E. No. 230, dated 10th March 1890.       | Twelve Firemen's houses at Gooty.                                                       | ..         | ..        | ..         | 3,010 0 0 | 620 0 0 | 3,630 0 0 | 31st "           | Do.            |

*30 April*  
Schedule of Works sanctioned or in progress up to 31st March 1890, under the authority of the Madras Government, &c.—*cont.*

| Register No.                                     | Authority and Date.                         | Description of Work.                                         | ESTIMATE.       |                 |                 |                        |                        |                        | REMARKS.<br>It should be stated<br>in this column<br>whether in progress<br>or completed. |
|--------------------------------------------------|---------------------------------------------|--------------------------------------------------------------|-----------------|-----------------|-----------------|------------------------|------------------------|------------------------|-------------------------------------------------------------------------------------------|
|                                                  |                                             |                                                              | CAPITAL.        |                 |                 | REVENUE.               |                        |                        |                                                                                           |
|                                                  |                                             |                                                              | Cash.           | Stores.         | Total.          | Cash.                  | Stores.                | Total.                 |                                                                                           |
| 53                                               | C.E. No. 231, dated<br>10th March 1890.     | Fitting all covered goods wagons with<br>screw couplings.    | RS. A. P.<br>.. | RS. A. P.<br>.. | RS. A. P.<br>.. | RS. A. P.<br>1,916 0 0 | RS. A. P.<br>2,374 0 0 | RS. A. P.<br>4,290 0 0 | In progress.                                                                              |
| 54                                               | G.O., No. 372 R., dated<br>15th March 1890. | Additions and alterations to sidings, &c.,<br>at Kolar road. | 3,265 0 0       | 13,006 0 0      | 16,271 0 0      | 1,440 0 0              | 468 0 0                | 1,908 0 0              | Not commenced.                                                                            |
| 55                                               | G.O., No. 373 R., dated<br>15th March 1890. | Lay-by, loading bank and goods godown<br>at Patchur.         | 4,504 0 0       | 4,457 0 0       | 8,961 0 0       | ..                     | ..                     | ..                     | Per the progress                                                                          |
| 56                                               | G.O., No. 410 R., dated<br>22nd March 1890. | A third line and lay-by at Mullanur,<br>Bangalore Branch.    | 3,910 0 0       | 5,848 0 0       | 9,758 0 0       | 361 0 0                | ..                     | 361 0 0                | Do do                                                                                     |
| 90                                               | G.E. No. 291, dated<br>21st March 1890.     | Enlarging and deepening locomotive well<br>No. 2 at Salem.   | 1,020 0 0       | 268 0 0         | 1,288 0 0       | 1,554 0 0              | 23 0 0                 | 1,577 0 0              | Completed.                                                                                |
| Total amount of sanctions granted<br>up to date. |                                             |                                                              | 1,36,679 0 0    | 1,67,254 0 0    | 3,03,933 0 0    | 34,269 11 0            | 17,773 8 0             | 52,043 3 0             | Rs.                                                                                       |

Rs.  
Budget grant of the year for Capital works .. .. 7,82,500  
Total sanctions against the budget grant .. .. 6,70,848  
Balance available for future sanctions .. 1,11,652

(Signed) SIDNEY SMITH, Major, R.E.,  
Dy. Consulting Engineer for Railways.

MADRAS,  
12th May 1890.

|                                               |                                    |                                                |        |         |          |     |    |        |                 |                |
|-----------------------------------------------|------------------------------------|------------------------------------------------|--------|---------|----------|-----|----|--------|-----------------|----------------|
| 57.                                           | G.O. No. 457 R.<br>12th April 1890 | Running drivers and foremen at Bangalore.      | 5611   | 2167    | 7778     | ..  | .. | ..     | 31st March 1891 | do             |
| 58.                                           | G.O. No. 347 R.<br>19th April 1890 | Proposed platform at Kadaveru.                 | 2605   | 1639    | 4244     | ..  | .. | ..     | 31st Dec 1890   | do             |
| 59.                                           | G.O. No. 365 R.<br>25th April 1890 | Third class connecting room at Srivilliputhur. | 1259   | 1452    | 2711     | 395 | 31 | 426    | 31st            | Not commenced. |
| Total amount of sanctions granted up to date. |                                    |                                                | 88,061 | 134,957 | 2,55,017 | 490 | 58 | 27,054 |                 |                |

*Budget grant of the year for Capital works .. 5,69,000.*  
*Total sanctions against the budget grant .. 2,88,337*  
*Balance available for future sanctions .. 2,80,663*

Madras  
July 1890.

*Sidney Smith*  
*Major, R.E.*  
*Offg. Eng. for Railways*

Submitted to Government for transmission to the Director-General of Railways.

ORDER—dated 17th May 1890, No. 681 R., Public Works.

Ordered to be forwarded to the Director-General of Railways.

(Here enter No. 682 R., dated 17th May 1890.)

(True Extract.)

(Signed) SIDNEY SMITH, Major, R.E.,  
Under-Secy. to Govt., P.W.D.,  
Railway Branch.

To the Consulting Engineer for Railways.  
„ Examiner, Guaranteed Railway Accounts.

Exd. J. Moses.  
Spare Copies.

RAILWAY.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated May, 17th.

Recd.

Encl.

G.O., 17th May 1890, No. 681 R.

MAY.

### Madras Railway

Estimates sanctioned up to 31st March 1890.—The schedule of —, ordered to be forwarded to the Director-General of Railways.

Form No. 1.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

Madras. 7<sup>th</sup> July 1890.

*Schedule of Estimates sanctioned on the Madras Railway up to 30<sup>th</sup> April 1890.*

No. 474

SUBMITTED to Government for

transmission to the Director General of Railways.

2. Of 90 works sanctioned, 56 (of which 45 are chargeable to Capital) were incomplete on the 31<sup>st</sup> March 1890. Provision for these works has been made in the budget for the current year, with the exception of item 3 for which the Agent and Manager, Madras Railway has sent a proposal to transfer funds from item 4 Schedule A Budget 1890-91.

Subject.—

3. The budget grant for  
works chargeable to Capital  
in the Schedule now stands  
at Rs 5,69,000.

\* Engineering Works.  
Rs.  
Sanctioned - . . . 2,77,000  
Unsanctioned - . . . 2,50,000  
Carriage and Wagon

Sanctioned - . . . 32,000  
Unsanctioned - . . . 10,000  
5,69,000

Siddingsmith  
Major, R.E.

Offg. Comd. Engrs. for Rys.

*Am. J. H. ...*

PWC No. 6432 ✓

Form No. 3.  
No. 1009 R 27 15 July 190.

From  
THE CONSULTING ENGINEER  
FOR RAILWAYS,  
MADRAS,

*12/7/20*  
Ordered to be

forwarded to the Director  
General of Railways:-

No. 1010 R 27 15 July 1890

No. 474

Dated 7<sup>th</sup> } July 1890  
Received 8. }

No. of ENCLOSURES. 1

Forwarded

*15/7*  
*9/7/90*  
*Lfr R*

Subject.

Schedule of Estimates  
Sanctioned on the Madras  
Railway up to 30 April  
1890.

A

No. 1009 R 27 15 July 190.  
1010

To  
The Consulting Engineer  
... Ex. & R. ...

*18-7-90*  
*10/7 R 14-7-90*

*R*

6432

Govt. of Madras.

PUBLIC WORKS.

25/7/90

Dated

Recd.

Encl.

G.O., 15 July 1890, No. 1009-102.

Madras Railway.

The schedule of estimates  
sanctioned on the — up  
to 30<sup>th</sup> April 1890 and  
to be sent to the Division  
General of Railways.

Madras Railway.

For the schedule of  
estimates sanctioned  
on the — up to 30 April  
1890.

50/2

40/2

690 18/7/90