

21st MARCH 1890, No. 406 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

From the Consulting Engineer for Railways, dated Madras, 14th March 1890,
No. 188.

Schedule of Estimates sanctioned on the South Indian Railway up to 31st January 1890.

SOUTH INDIAN RAILWAY.

SCHEDULE of Works sanctioned or in progress up to 31st January 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. 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. 226, dated 7th April 1886.	Providing more accommodation for Locomotive Department at Negapatnam, not provided for in the sanctioned estimate for the extension of the workshops.	Rs. A. P. 561 0 0	Rs. A. P. 2,183 0 0	Rs. A. P. 2,744 0 0	Rs. A. P. 1,708 0 0	Rs. A. P. 130 0 0	Rs. A. P. 1,838 0 0	31st Mar. 1890. Completed.
2	C.E. No. 636, dated 22nd September 1887.	A well 20 feet internal diameter and 30 feet deep at Tindivanam station.	1,240 0 0	391 0 0	1,631 0 0	..	..	..	31st Mar. 1889. Do.
3	C.E. No. 661, dated 3rd October 1887.	Sinking a well 20 feet internal diameter and 25 feet deep for locomotive purposes at Vikravandi station.	1,420 0 0	400 0 0	1,820 0 0	..	..	..	31st Dec. " Do.
4	G.O., No. 752 R., dated 13th September 1888.	Fourth-class station at Padalam in place of the existing temporary and trial stations.	4,206 0 0	3,210 0 0	7,416 0 0	..	..	..	31st " 1890. Not commenced.
5	C.E. No. 168, dated 9th March 1888.	An extra telegraph instrument for each station on the line.	2,588 4 0	2,407 8 3	4,995 12 3	..	..	..	30th Nov. 1889. In progress.
6	C.E. No. 378, dated 11th June 1888.	A latrine for the use of the guards and drivers at Madura.	..	..	..	1,031 0 0	381 0 0	1,412 0 0	10th Dec. 1888. Completed.
7	C.E. No. 524, dated 11th August 1888.	An addition to the existing latrine at the south end of Dindigul station platform.	..	..	..	661 0 0	11 0 0	672 0 0	30th Nov. 1889. Do.
8	C.E. No. 632, dated 14th August 1888.	Latrine at Panruti station.	..	..	..	200 0 0	13 0 0	213 0 0	31st Mar. " Do.
9	C.E. No. 580, dated 3rd September 1888.	Two sheds, one at Vikravandi and the other at Tirumangalam station, for the custody of small permanent-way material.	..	..	..	2,140 0 0	1,058 0 0	3,198 0 0	31st Dec. " In progress.
10	C.E. No. 626, dated 13th September 1888.	Bungalow at Tiruvallur for the station-master.	..	..	..	947 0 0	606 0 0	1,553 0 0	12th Mar. " Completed.
11	C.E. No. 708, dated 12th October 1888.	Waiting shed at Annápet.	..	..	..	172 0 0	635 0 0	807 0 0	31st Dec. " Do.
12	C.E. No. 720, dated 19th October 1888.	Erecting a steel pale fence on the south side of the new General Stores Depot at Trichinopoly junction (Erode branch).	..	..	..	521 0 0	911 0 0	1,432 0 0	31st " Not commenced.
13	C.E. No. 732, dated 22nd October 1888.	A roughstone pitching for the protection of the line from A 71/94 to 71/124 miles.	2,098 0 0	..	2,098 0 0	..	..	..	21st April " Completed.
14	C.E. No. 733, dated 22nd October 1888.	A roughstone pitching for the protection of the line at A 60/15 to 18 miles.	..	..	..	1,181 0 0	..	1,181 0 0	21st " Do.
15	C.E. No. 788, dated 2nd November 1888.	A latrine for the use of Native passengers in the compound of the Trichinopoly Port station.	..	..	..	515 0 0	23 0 0	538 0 0	1st May " Do.

16	C.E. No. 800, dated 6th November 1888.	Store-room and office for Permanent-way Inspector at Kumbakonam.	1,390 0 0	753 0 0	2,143 0 0	..	..	..	31st Dec. 1890. In progress.
17	C.E. No. 925, dated 13th December 1888.	Removing the existing broad gauge weigh-bridge and re-erecting a narrow gauge weigh-bridge at Negapatnam.	..	..	..	344 0 0	1,724 0 0	2,068 0 0	12th " 1889. Do.
18	C.E. No. 925, dated 13th December 1888.	Removing the existing broad gauge weigh-bridge and re-erecting a narrow gauge weigh-bridge at Trichinopoly Fort.	..	..	..	314 0 0	1,724 0 0	2,038 0 0	12th " Do.
19	C.E. No. 927, dated 13th December 1888.	Erecting lamp and lamp-posts on the transshipping platforms at Arkónam and Erode stations.	52 0 0	289 0 0	341 0 0	..	..	..	12th Mar. " Completed.
20	C.E. No. 960, dated 26th December 1888.	Demarcating the Company's boundary throughout the Tinnevely district.	..	..	..	126 0 0	1,386 0 0	1,512 0 0	31st Dec. " In progress.
21	C.E. No. 25, dated 11th January 1889.	A station-master's bungalow and latrine at Tuticorin.	..	..	..	1,113 0 0	494 0 0	1,607 0 0	10th Oct. " Completed.
22	C.E. No. 43, dated 16th January 1889.	Curtain walls, apron flooring and pitching to the 6-feet rail girder at 253-14 miles.	478 0 0	..	478 0 0	..	..	..	15th July " Do.
23	G.O., No. 73 R., dated 22nd January 1889.	Trial station at Puliur on the Erode branch.	..	..	..	299 0 0	1,210 0 0	1,509 0 0	31st Dec. 1890. Do.
24	C.E. No. 116, dated 4th February 1889.	Erecting enclosures for clerks in the goods shed at Egmore station.	..	..	..	135 0 0	314 0 0	449 0 0	31st " Do.
25	C.E. No. 136, dated 9th February 1889.	Sinking a 16-feet well and constructing a cast-iron tank at Pallavaram.	1,512 0 0	1,999 0 0	3,511 0 0	..	..	..	8th Feb. " In progress.
26	C.E. No. 156, dated 16th February 1889.	Demolishing and rebuilding the cracked south abutment and wings of the 10-foot girder bridge at 117-16 miles.	..	..	..	1,225 0 0	397 0 0	1,622 0 0	14th " Completed.
27	C.E. No. 171, dated 21st February 1889.	Erecting a shed 72 feet long and 24 feet wide at Trichinopoly junction.	..	..	..	168 13 0	174 3 0	343 0 0	31st Dec. 1889. Do.
28	C.E. No. 173, dated 21st February 1889.	Distant signal at the Mount Capper siding.	..	..	..	21 0 0	420 0 0	441 0 0	20th Aug. " Do.
29	C.E. No. 174, dated 21st February 1889.	Altering station-house at Panruti to provide an additional waiting-room.	..	..	..	1,016 0 0	407 0 0	1,423 0 0	20th Feb. 1890. Do.
30	C.E. No. 175, dated 21st February 1889.	Adding a third-class waiting-shed to the existing ticket office and joining up the present lay-bys with through siding at Kuttalam station.	..	..	..	412 0 0	995 0 0	1,407 0 0	31st Aug. " Work stopped.
31	C.E. No. 199, dated 26th February 1889.	A room and cook-house for Native drivers and firemen at Madura.	..	..	..	542 0 0	113 0 0	655 0 0	25th Aug. 1889. Completed.
32	C.E. No. 215, dated 2nd March 1889.	Fencing platforms at the Park, Broadway and Fort stations.	693 6 7	1,257 6 10	1,950 12 6	..	..	..	1st Sept. " Do.
33	C.E. No. 223, dated 5th March 1889.	Removing the existing waiting shed and rebuilding it with corrugated iron sheets upon rail pillars at Titte station.	..	..	..	378 0 0	653 0 0	1,031 0 0	4th Dec. " Do.
34	G.O., No. 283 R., dated 14th March 1889.	Bungalows and out-houses for Permanent-way Inspectors at Tanjore.	3,383 0 0	1,056 0 0	4,439 0 0	..	..	..	15th Mar. 1890. In progress.
35	Do. do. "	Bungalows and out-houses for Permanent-way Inspectors at Mayavaram.	3,383 0 0	1,056 0 0	4,439 0 0	..	..	..	15th " Do.
36	C.E. No. 261, dated 16th March 1889.	A length of pale fencing at the Tinnevely station.	..	..	..	..	294 0 0	294 0 0	15th Sept. 1889. Completed.
37	C.E. No. 266, dated 19th March 1889.	Raising to the extent of 2 feet the one 30-foot girder bridge at 140 miles 18 T.P.	..	..	..	1,600 0 0	..	1,600 0 0	18th Dec. " Do.

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

Register No.	Authority and date.	Description of work.	ESTIMATE.						REMARKS. 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.	
38	C.E. No. 303, dated 29th March 1889.	Additional sleeping accommodation at Trichinopoly junction station.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Completed.
39	C.E. No. 405, dated 8th May 1889.	Tank-house at Pallur station.	1,874 0 0	637 0 0	2,511 0 0	1,030 0 0	537 0 0	1,567 0 0	Completed.
40	Do.	Latrine at end of platform, Pallur station.	..	..	..	..	..	..	In progress.
41	C.E. No. 407, dated 8th May 1889.	Store-room and office for the Permanent-way Inspector residing at Mayavaram.	1,382 0 0	743 0 0	2,125 0 0	300 0 0	182 0 0	482 0 0	Do.
42	C.E. No. 408, dated 8th May 1889.	Large weighing-scales for Kalahasti and Venkatagiri stations.	..	..	..	..	..	..	Completed.
43	C.E. No. 435, dated 18th May 1889.	Putting up a wire fencing around ground acquired for the enlargement of the Engineering workshops at Trichinopoly.	..	..	..	43 0 0	374 0 0	416 0 0	Do.
44	C.E. No. 448, dated 23rd May 1889.	Extending verandah round Resident Engineer's office at Trichinopoly.	..	..	..	66 0 0	107 0 0	173 0 0	Not commenced.
45	C.E. No. 481, dated 4th June 1889.	Roughstone pitching to the embankment from 42/54 to 42/74 miles.	..	..	..	186 12 4	337 8 9	524 5 1	Completed.
46	C.E. No. 507, dated 13th June 1889.	Demarcating the boundary of the railway main line from Nellore to Tirupati.	..	..	..	594 0 0	..	594 0 0	Do.
47	C.E. No. 516, dated 14th June 1889.	Extending the weigh-bridge siding at the Renigunta station on the Nellore branch, Villupuram-Guntakal Railway.	..	..	..	650 0 0	..	650 0 0	Do.
48	C.E. No. 521, dated 15th June 1889.	Altering the lay-by at the Yerpedu station on the Nellore branch.	..	..	..	22 0 0	170 0 0	192 0 0	Do.
49	C.E. No. 540, dated 21st June 1889.	A well at Tanjore.	..	..	..	58 0 0	73 0 0	131 0 0	Do.
50	C.E. No. 560, dated 27th June 1889.	A 9-feet gateway at the 11/8 miles.	..	..	..	274 0 0	17 0 0	291 0 0	In progress.
51	C.E. No. 572, dated 1st July 1889.	A three 4-feet rail covered culvert at 11 miles 18 1/2 T.P.	..	..	..	79 0 0	149 0 0	228 0 0	Do.
52	C.E. No. 592, dated 6th July 1889.	Demolishing and re-building the 15-foot girder bridge at A-57 miles 10 T.P.	..	..	..	1,082 0 0	214 0 0	1,296 0 0	Completed.
53	C.E. No. 594, dated 6th July 1889.	A 3-feet culvert over the side drain to give access to the staff quarters at Egmore from the Poonamallee road.	..	..	..	7,005 0 0	498 0 0	7,503 0 0	In progress.
54	C.E. No. 607, dated 10th July 1889.	Permanent-way Inspector's bungalow with out-houses at Kumbakonam.	3,383 0 0	1,056 0 0	4,439 0 0	..	..	..	Completed.
55	G.O. No. 763 R., dated 10th July 1889.	An additional siding and Permanent-way Inspector's bungalow at the Egmore station.	5,346 0 0	3,881 0 0	9,227 0 0	..	..	..	In progress.

56	C.E. No. 628, dated 16th July 1889.	Sinking a well 6 feet internal diameter at Perambur.	..	..	..	272 0 0	25 0 0	297 0 0	Do.
57	C.E. No. 664, dated 29th July 1889.	Extra siding accommodation at Nallikuppam.	932 0 0	2,973 0 0	3,905 0 0	662 0 0	38 0 0	700 0 0	Completed.
58	C.E. No. 674, dated 1st August 1889.	A small lay-by and furniture required at Puliur.	..	..	..	145 0 0	1,609 0 0	1,754 0 0	Do.
59	C.E. No. 680, dated 3rd August 1889.	Permanent-way Inspector's bungalow and out-houses at the Negapatam station.	3,928 0 0	1,064 0 0	4,992 0 0	..	..	..	Not commenced.
60	C.E. No. 681, dated 3rd August 1889.	Laying pipes in lieu of existing well and fixing a hydrant at the Chetput station.	..	..	..	112 0 0	74 0 0	186 0 0	In progress.
61	C.E. No. 682, dated 3rd August 1889.	Laying pipes and fixing a hydrant at the Egmore station.	..	..	..	662 0 0	74 0 0	736 0 0	Do.
62	C.E. No. 684, dated 3rd August 1889.	Laying pipes and fixing a hydrant at the Park station.	..	..	..	429 0 0	74 0 0	503 0 0	Completed.
63	C.E. No. 739, dated 19th August 1889.	Altering the gradient between 32 miles 19 chains and 32 miles 40 chains.	..	..	..	812 0 0	..	812 0 0	Not commenced.
64	C.E. No. 740, dated 19th August 1889.	Flooring and apron to 6-feet culvert at 295 miles 13 T.P.	385 0 0	..	385 0 0	..	..	..	Do.
65	C.E. No. 758, dated 23rd August 1889.	Providing a lay-by at the Padalam station.	..	..	..	149 0 0	332 0 0	481 0 0	Completed.
66	C.E. No. 843, dated 17th September 1889.	One 12-feet girder bridge at 130 miles 62 chains.	2,921 0 0	546 0 0	3,467 0 0	..	..	..	In progress.
67	C.E. No. 846, dated 17th September 1889.	Lengthening the through siding at Elamandur station.	..	..	..	396 0 0	661 0 0	1,057 0 0	Completed.
68	C.E. No. 860, dated 21st September 1889.	A permanent ballast siding at 85/13 miles.	..	..	..	790 0 0	4,060 0 0	4,850 0 0	In progress.
69	C.E. No. 867, dated 23rd September 1889.	Providing gutters to the covered way over the passenger platform of the Egmore station.	1,351 0 0	2,110 0 0	3,461 0 0	..	..	..	Not commenced.
70	C.E. No. 898, dated 5th October 1889.	Distant semaphore signal and subsidiary signals at Negapatam station.	..	..	..	79 0 0	509 0 0	588 0 0	In progress.
71	G.O. No. 1112 R., dated 17th October 1889.	Extending the covered way over passenger platform at Trichinopoly junction.	2,359 0 0	15,740 0 0	18,099 0 0	1,885 0 0	1,082 0 0	2,967 0 0	Not commenced.
72	C.E. No. 972, dated 29th October 1889.	Extending the wharf siding at Cuddalore Old Town to Messrs. Parry and Co.'s premises.	185 0 0	2,523 0 0	2,708 0 0	13 0 0	..	13 0 0	Completed.
73	C.E. No. 998, dated 5th November 1889.	Store-room and office for Permanent-way Inspector at Egmore.	1,397 0 0	745 0 0	2,142 0 0	..	..	..	In progress.
74	C.E. No. 1060, dated 21st November 1889.	* A bridge of 3-25 feet openings at mileage 327/12 1/2.	..	..	..	..	323 0 0	323 0 0	Do.
75	C.E. No. 1064, dated 22nd November 1889.	Furniture for the additional sleeping-room at the Trichinopoly junction.	..	..	..	86 0 0	16 0 0	102 0 0	Completed.
76	C.E. No. 1086, dated 27th November 1889.	Level crossing with a chain barrier at 81/10-11 miles on the Nellore Branch of the Villupuram-Guntakal Railway.	..	..	..	..	..	..	In progress.
77	C.E. No. 16, dated 9th January 1890.	A stone toe to groyne on the south-east side of the Moolapadi bridge at 302/6 miles.	381 0 0	..	381 0 0	..	..	..	Not commenced.
78	C.E. No. 17, dated 9th January 1890.	New weigh-bridge house at Negapatam.	..	..	..	336 0 0	71 0 0	407 0 0	Do.

* Necessitated by the Periyar project. The cost of the bridge Rs. 14,761 has been included in the estimate for that work.

Schedule of Works sanctioned or in progress up to 31st January 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. It should be stated in this column whether in progress or completed.
			CAPITAL.			REVENUE.							
			Cash.	Stores.	Total.	Cash.	Stores.	Total.					
79	C.E. No. 20, dated 10th January 1890.	A ballast siding into the bed of the Pálar river.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	9th April 1890.	Not commenced.	
80	C.E. No. 22, dated 10th January 1890.	A loop line to the south arm of the Madras Harbour.	..	..	..	..	..	..	..	..	9th Jan. 1891.	Do.	
81	C.E. No. 113, dated 29th January 1890.	A rolling-stock repairing shed and providing permanent-way, points and crossings at Egmore.	756 0 0	4,229 0 0	4,985 0 0	..	..	..	..	..	28th " "	Do.	
		Total amount of sanctions granted up to date.	49,584 9 7	51,248 15 1	1,00,833 8 8	35,197 9	430,787 0 11	55,984 10 3					

Budget grant of the year for Capital works
Total sanctions against the budget grant

RS.
2,62,269
2,16,185

Balance available for future sanctions .. 47,084

MADRAS,
14th March 1890.

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

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

ORDER—dated 21st March 1890, No. 406 R., Public Works.

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

(Here enter No. 407 R., dated 21st March 1890.)

(True Extract.)

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Consulting Engineer for Railways.

„ Examiner, Guaranteed Railway Accounts.

ENDORSEMENT—dated 21st March 1890, No. 407 R., Public Works.

Forwarded.

(By Order.)

Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Exd. J. Moses,
Spare Copies

RAILWAY.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated March, 21st.

Recd.

Encl.

G.O., 21st Mar. 1890, Nos. 406 R.,
407 R.

MARCH.

Estimates sanctioned on the
South Indian Railway

Forwarding the schedule of — up to 31st
January 1890.

25TH FEBRUARY 1890, No. 284 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

From the Consulting Engineer for Railways, dated Madras, 18th February 1890,
No. 123.

Schedule of Estimates sanctioned on the South Indian Railway up to 31st December 1889.

[Statement

SOUTH INDIAN RAILWAY.

January 1890
 SCHEDULE of Works sanctioned or in progress up to 31st December 1889, 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. It should be stated in this column whether in progress or completed.	
			CAPITAL.			REVENUE.				
			Cash.	Stores.	Total.	Cash.	Stores.	Total.		
1	C.E. No. 228, dated 7th April 1886.	Providing more accommodation for Locomotive Department at Negapatam, not provided for in the sanctioned estimate for the extension of the workshops.	RS. A. P. 561 0 0	RS. A. P. 2,183 0 0	RS. A. P. 2,744 0 0	RS. A. P. 1,708 0 0	RS. A. P. 130 0 0	RS. A. P. 1,838 0 0	Date of lapse of sanction. 31st Dec. 1886.	Completed. — do. in progress.
2	C.E. No. 636, dated 22nd September 1887.	A well 20 feet internal diameter and 30 feet deep at Pundivaram station.	1,240 0 0	391 0 0	1,631 0 0	..	..	..	31st Mar.	Completed.
3	C.E. No. 661, dated 3rd October 1887.	Sinking a well 20 feet internal diameter and 26 feet deep for locomotive purposes at Vikravandi station.	1,420 0 0	400 0 0	1,820 0 0	..	..	..	31st Dec.	Do.
4	G.O., No. 752 R., dated 13th September 1888.	Fourth-class station at Padalam in place of the existing temporary and trial stations.	4,206 0 0	3,210 0 0	7,416 0 0	..	..	..	31st "	Not commenced.
5	C.E. No. 168, dated 9th March 1888.	An extra telegraph instrument for each station on the line.	2,588 4 0	2,407 8 3	4,995 12 3	..	..	..	30th Nov.	In progress.
6	C.E. No. 378, dated 11th June 1888.	A latrine for the use of the guards and drivers at Madura.	..	..	..	1,031 0 0	381 0 0	1,412 0 0	10th Dec. 1888.	Completed.
7	C.E. No. 524, dated 11th August 1888.	An addition to the existing latrine at the south end of Dindigul station platform.	..	..	..	661 0 0	11 0 0	672 0 0	30th Sept. 1889.	Do.
8	C.E. No. 532, dated 14th August 1888.	Latrine at Pauruti station	..	..	..	200 0 0	13 0 0	213 0 0	31st Mar.	Do.
9	C.E. No. 580, dated 3rd September 1888.	Two sheds, one at Vikravandi and the other at Tirumangalam station, for the custody of small permanent-way material.	..	..	..	2,140 0 0	1,058 0 0	3,198 0 0	31st Dec.	In progress.
10	C.E. No. 626, dated 13th September 1888.	Bungalow at Tiruvallur for the station-master.	..	..	..	947 0 0	606 0 0	1,553 0 0	12th Mar.	Completed.
11	C.E. No. 708, dated 12th October 1888.	Waiting shed at Annampet	..	..	..	172 0 0	635 0 0	807 0 0	31st Dec.	Do.
12	C.E. No. 720, dated 19th October 1888.	Erecting a steel pile fence on the south side of the new General Stores Depot at Trichinopoly junction (Erode branch).	..	..	..	521 0 0	911 0 0	1,432 0 0	31st "	Not commenced.
13	C.E. No. 732, dated 22nd October 1888.	A roughstone pitching for the protection of the line from A 71 1/3 to 71 1/4 miles.	2,098 0 0	..	2,098 0 0	..	..	..	21st April	Completed.
14	C.E. No. 733, dated 22nd October 1888.	A roughstone pitching for the protection of the line at A 60/15 to 18 miles.	..	..	..	1,181 0 0	..	1,181 0 0	21st "	Do.
15	C.E. No. 788, dated 2nd November 1888.	A latrine for the use of Native passengers in the compound of the Trichinopoly Fort station.	..	..	..	515 0 0	23 0 0	538 0 0	1st May	Do.

25TH FEBRUARY 1890, No. 284 R., PUBLIC WORKS.

25TH FEBRUARY 1890, No. 284 R., PUBLIC WORKS.

16	C.E. No. 800, dated 6th November 1888.	Store-room and office for Permanent-way Inspector at Kumbakonam.	1,390 0 0	753 0 0	2,143 0 0	..	..	..	31st Dec. 1890.	In progress.	In progress.
17	C.E. No. 925, dated 13th December 1888.	Removing the existing broad gauge weigh-bridge and re-erecting a narrow gauge weigh-bridge at Negapatam.	..	..	..	344 0 0	1,724 0 0	2,068 0 0	12th Dec.	Do.	Do.
18	C.E. No. 925, dated 13th December 1888.	Removing the existing broad gauge weigh-bridge and re-erecting a narrow gauge weigh-bridge at Trichinopoly Fort.	..	..	..	314 0 0	1,724 0 0	2,038 0 0	12th Dec.	Do.	Do.
19	C.E. No. 927, dated 13th December 1888.	Erecting lamp and lamp-posts on the transshipping platforms at Arkonam and Erode stations.	52 0 0	289 0 0	341 0 0	..	..	..	12th Mar.	Completed.	Completed.
20	C.E. No. 960, dated 26th December 1888.	Demarcating the Company's boundary throughout the Tinnevely district.	..	..	..	126 0 0	1,386 0 0	1,512 0 0	31st Dec.	In progress.	In progress.
21	C.E. No. 25, dated 11th January 1889.	A station-master's bungalow and latrine at Tuticorin.	..	..	..	1,113 0 0	494 0 0	1,607 0 0	10th Oct.	Completed.	Completed.
22	C.E. No. 43, dated 16th January 1889.	Curtain walls, apron flooring and pitching to the 6-foot rail girder at 253-14 miles.	478 0 0	..	478 0 0	..	..	..	16th July	Do.	Do.
23	G.O., No. 73 R., dated 22nd January 1889.	Trial station at Puliur on the Erode branch.	..	..	..	299 0 0	1,210 0 0	1,509 0 0	31st Dec. 1890.	Do.	Do.
24	C.E. No. 116, dated 4th February 1889.	Erecting enclosures for clerks in the goods shed at Egmore station.	..	..	..	135 0 0	314 0 0	449 0 0	30th Sept.	Do.	Do.
25	C.E. No. 135, dated 9th February 1889.	Sinking a 15-foot well and constructing a cast-iron tank at Pallavaram.	..	..	..	1,225 0 0	397 0 0	1,622 0 0	14th Dec.	Completed.	Completed.
26	C.E. No. 156, dated 15th February 1889.	Demolishing and rebuilding the cracked south abutment and wings of the 10-foot girder bridge at 117-16 miles.	..	..	..	168 13 0	174 3 0	343 0 0	31st Dec. 1889.	Do.	Do.
27	C.E. No. 171, dated 21st February 1889.	Erecting a shed 72 feet long and 24 feet wide at Trichinopoly junction.	..	..	..	21 0 0	420 0 0	441 0 0	20th Aug.	Do.	Do.
28	C.E. No. 173, dated 21st February 1889.	Distant signal at the Mount Capper siding.	..	..	..	1,016 0 0	407 0 0	1,423 0 0	20th Aug.	Do.	Do.
29	C.E. No. 174, dated 21st February 1889.	Altering station-house at Panruti to provide an additional waiting-room.	..	..	..	412 0 0	965 0 0	1,407 0 0	30th Sept.	Work stopped.	Work stopped.
30	C.E. No. 175, dated 21st February 1889.	Adding a third-class waiting-shed to the existing ticket office and joining up the present lay-bye with through siding at Kattalam station.	..	..	..	542 0 0	113 0 0	655 0 0	25th Aug.	Completed.	Completed.
31	C.E. No. 199, dated 26th February 1889.	A room and cook-house for Native drivers and firemen at Madura.	693 5 7	1,257 6 10	1,950 12 5	..	..	..	1st Sept.	Do.	Do.
32	C.E. No. 215, dated 2nd March 1889.	Fencing platforms at the Park, Broadway and Fort stations.	..	..	..	378 0 0	653 0 0	1,031 0 0	4th Dec.	Do.	Do.
33	C.E. No. 223, dated 5th March 1889.	Removing the existing waiting shed and rebuilding it with corrugated iron sheets upon rail pillars at Tite station.	..	..	..	..	..	..	15th Mar. 1890.	In progress.	In progress.
34	G.O., No. 283 R., dated 14th March 1889.	Bungalows and out-houses for Permanent-way Inspectors of Tanjore.	3,383 0 0	1,056 0 0	4,439 0 0	..	..	..	15th Dec.	Do.	Do.
35	Do. do.	Bungalows and out-houses for Permanent-way Inspectors at Mayavaram.	3,383 0 0	1,056 0 0	4,439 0 0	..	..	..	15th Sept. 1889.	Completed.	Completed.
36	C.E. No. 261, dated 16th March 1889.	A length of pale fencing at the Tinnevely station.	..	..	..	..	..	..	18th Dec.	Do.	Do.
37	C.E. No. 266, dated 19th March 1889.	Raising to the extent of 2 feet the one 30-foot girder bridge at 140 miles 18 T.P.	..	..	..	1,600 0 0	..	1,600 0 0	..	..	..

A stone tree to imagine
on the south east side of
the two lapadi bridge
at 302 miles.

10

8th Oct 1890 Red Cement

new weigh bridge
house at Negapa-
lam.

336--" 71--" 40%

do —

A ballast siding
into the bed of the
Kalan river.

3073-aa3073

do

A loop line to the
Lower arm of the
Yadras Harbor.

" 1926-5-2 1926

do

Rolling stock
repairing shed and
providing permanent
way, points and
crossings at Equore.

11

do

Total amount
of sanctions granted
up to date.

4-8-

4-6-

4-6-

* * * * * necessitated by the Penigar Project. The cost of the bridge Rs 14,761 has been included in the estimate for the work.

Budget grant of the year for capital work — 2,62,269^{Rs}

Total cautions against the Budget grant. 2,15,185

Balance available for future cautions 47084

Sidney Smith

Neaper R.R.

for censq: Leutifer Ryd.

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

ORDER—dated 25th February 1890, No. 284 R., Public Works.

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

(Here enter No. 285 R., dated 25th February 1890.)

(True Extract.)

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

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

RAILWAY.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated February, 25th.

Recd.

Encl.

G.O., 25th Feb. 1890, No. 284 R.

FEBRUARY.

Schedule of Estimates sanc-
tioned on the South
Indian Railway

Ordered that the — up to 31st December
1889 be forwarded to the Director-General
of Railways.

Form No. 1

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,
Madras, 14th March 1890.

*Schedule of Estimates sanctioned
on the South Indian Railway up to
31st January 1890.*

No. 188.

SUBMITTED

to

Government for

*transmission to the
Director General of Railways.*

Sidney Smith

Major R.E.

for consq: Engrs for Rys.

*Schedule of Estimates sanc-
tioned on the South
Indian Railway
Ordered that the — up to 31st December
1889 be forwarded to the Director-General
of Railways.*

Form No. 3.
No. 406 R of 21-March-1890.

Ordered to be for-
warded to the Director General
of Railways.

No. 407 R of 21-March-1890

Forwarded.

15/3/90
for R

1/4/90

1/4/90

To
The Commr. Engrs for Rys
Engrs for Rys

P.W.C. No. 2694.
From
THE CONSULTING ENGINEER
FOR RAILWAYS,
MADRAS,

No. 186

Dated 14th

Received 15 } March 1890.

No. of ENCLOSURES.

Subject.

Submitting for trans-
mission to the Director
General of Railways.
Schedule of estimates
Sanctioned on the South
Indian Railway upto
31st January 1890.

A
No. 406-407 R of 21-March-1890.

R

2694,

Gobt. of 18 Madras

PUBLIC WORKS.

21-3-90

Date

Read

Encl.

G.O. 21st March 1890 No 40 to R.
407 R.

Schedule sanctioned
on the S. I. Ry.

Ordered that the schedule
of — up to 31st January
1890 be put to the Director
General of Railways.

Schedule sanctioned
on the S. I. Ry.

For the schedule of
— up to 31st January
1890.

[Handwritten signature]