

No 160 Read the following letter from Lieutenant-Colonel J H M SHAW-STEWART R E, Consulting Engineer for Railways, to Major-General G W WALKER, R E, Secretary to Government, Public Works Department, dated Madras, 1th November 1875, No 600 —

I HAVE the honor to enclose herewith, for transmission to the Government of India, a list of the Capital Sanctions in force on the open line and Southern and Northern Extensions of the South Indian Railway for the quarter ending 31st December 1875

LIST OF OPEN CAPITAL SANCTIONS FOR THE QUARTER ENDING 31st DECEMBER 1875

LIST OF OPEN CAPITAL SANCTIONS FOR THE QUARTER ENDING 31st DECEMBER 1875

Bills for Works closed on the 30th September 1875 will be passed up to the 31st December 1875, but no work must be done after the 30th September 1875

N.B.—Expenditure incurred on Works not in this list will not be passed unless formal sanction has been previously obtained

Register Number and Date	Authority	Works	SANCTIONED EXPENDITURE			* EXPENDITURE AS PER AUDITOR'S BOOKS UP TO 31ST JULY AND 30TH JUNE 1875			Date on which sanction closes
			Indian	English	Total	Indian (Cash)	English (Stores)	Total	
43 M R of 1874-75	M G O, No 3211, of 13th Nov 1874 G I No 491 R of 22nd Feb 1875	OPPA LINF <i>Negapatam to Erode</i> Levelling workshop yard at Negapatam Conversion of line from Negapatam to Trichinopoly, utilizing existing materials.	..	..	3,000	..	..	41,139	31st Dec 1875
4 M R of 1875-76	G I No 926 R of 17th April 1875	LANES UNDER CONSTRUCTION <i>Southern Extension</i>	6,99,278	..	60,000	..	..	..	..
		III — Construction of line—							
		1 Earthwork ..	5,67,691	1 04,453	6,70 114	3,84,428	76,889	4,61,317	
		2 Bridgework—	4,98,296	3,92,284	8,90,579	2,78,818	90,434	3,69,252	
		(a) Minor bridges							
		(b) Large bridges							
		3 Tunnels	1,47,454		1,47,454	29,925	6,509	36,434	
		4 Level crossings	1,40 000		1,40,000	59,681	4,950	64,631	
		5 Paving	12,000		12,000	9,612	23,131	+ 32,743	
		Temporary telegraph							
		IV — Ballast and Permanent way—							
		1 Ballasting	2,57,657		2,57,657	87 816	19	87,835	
		2 Permanent way	5,38,738	53,77,890	39,16,638	1,87,363	23,60,390	25,47,753	
		V — Stations and Offices							
		1 Stations and buildings—							
		Trichinopoly	47,366	2,515	49,881	19,132	4,767	23,899	

One year after the line has been opened for traffic

7	M R of 1873-74	G I No 1,377 G R of 7th August 1873	Collatoor Manaparey Vayampettay Vadimadura Dindigul Anayamackanoor Sholavandan Madura Tiruparangundam Tirumangalam Vidupatty Suttor Covilpatty Kadamboor Mannaluc Tuticorn Gengundin Tinnevely 2 Workshops and Store Buildings Temporary Workshops, Trichinopoly 3 Staff quarters Temporary do 4 Station Machinery VII—Plant— 1 Engineering 2 Locomotive 3 Carriage and Wagon 1 Station and office furniture IV—Maintenance Kitchen and out-houses, Trichinopoly Northern Extension—Madras to Cuddalore III—Construction of line— 1 Earthwork 2 Bridgework— (a) Minor bridges (b) Large bridges	5,437 5,869 5,440 6,847 26,473 6,960 7,828 47,706 5,521 5,696 24,127 7,130 7,822 8,376 11,120 75,808 6,129 40,110 1,48,976 6,947 1,46,655 32,300 75,128 1,21,927 1,656 828 75,600 2,58,015 650	260 319 260 .. 270 254 49,528 1,542 84,917 94,345 14,847 7,423 37,900	5,437 5,869 5,440 6,847 26,473 6,960 7,828 48,025 5,524 5,696 24,387 7,130 7,822 8,376 11,120 76,078 6,129 40,364 1,98,504 8,489 1,46,655 32,300 1,60,045 2,16,272 16,503 8,251 1,13,500 2,58,015 650 3,91,360 2,11,000 8,63,442	2 185 2,117 37 1,977 9,817 2,396 5,217 16,959 1,394 104 5,987 3,329 5,666 4,741 4,983 40,633 2,843 20,197 42,218 5,058 14,741 27,776 21,388 4,762 577	337 591 37 3,075 35 369 312 32 456 280 77 50 50 1,149 97 357 1,923 1,943 2,669 53 43,530 1,01,675 10,892	2,322 2,708 2,014 12,892 2,431 5,586 17,301 1,394 136 6,443 3,609 5,744 4,791 5,033 41,782 2,940 20,555 44,141 7,001 17,410 27,828 64,918 1,06,437 11,469
4	M R of 1873-74	G I No 306, G R of 25th Feb 1873 G I No 1,200 G R of 12th Feb 1873							

"Cash up to 31st July" "Sales" up to 30th June"

† Includes cost of material received from England.

LIST OF OPEN CAPITAL SANCTIONS FOR THE QUARTER ENDING 31ST DECEMBER 1875 — (Concluded)

Proceedings of the Madras Government, Public Works Department,
6th November 1875

Register Number and Date	Authority	Works	SANCTIONED EXPENDITURE			* EXPENDITURE AS PER AUDITOR'S BOOKS UP TO 31st JULY AND 30th JUNE 1875			Date on which sanction closes
			Indian	English	Total	Indian (Cash)	English (Stores)	Total	
4 M R of 1873-74	G I No 306, G R of 25th Feb 1873 G I No 1,200, G R of 12th July 1873	Northern Extension—Madras to Cuddalore — (Concluded)	RS	IS	RS	RS	RS	RS	has been opened for traffic
		3 Tunnels		..	41,700	5,377	846	6,223	
		4 Level crossings		..	83,970	21,828	8,006	29,834	
		5 Fencing		..					
		IV — Ballasting and Permanent-way		..	22,06,870	16,349	8,74,524	16,349	
		1 Ballasting		..		35,909		9,10,432	
		2 Permanent-way		..					
		V — Stations and Offices		..	6,03,200	22,241	..	22,241	
		1 — Station and buildings—		..	3,575	845	..	845	
		Terminal works		..	2,110	91	2	93	
4 M R of 1873-74	G I No 306, G R of 25th Feb 1873 G I No 1,200, G R of 12th July 1873	Cieput		..	1,775	278	..	278	
		Sidappett		..	20,385	2,667	..	2,667	
		Gundy		..	3,180	336	..	336	
		St Thomas' Mount		..	3,910	50	..	50	
		Palvaram		..	2,310	13	..	13	
		Vindulu		..	2,025	..	..	..	
		Guduvancherry		..	22,615	..	..	..	
		Singapermakovil		..	4,160	..	..	..	
		(Lingoleput		..	2,435	..	..	..	
		M. di intikum		..	1,650	..	..	..	
4 M R of 1873-74	G I No 306, G R of 25th Feb 1873 G I No 1,200, G R of 12th July 1873	Attheravauk		..	649	..	..	..	
		Ollakkoor		..	1,900	..	..	..	
		Tindivanam		..	2,310	..	..	..	
		Chendoor		..	4,780	..	..	..	
		Vickravandy		..	1,900	..	..	..	
		Villapooram		..	7,110	..	..	..	
		Akadavilli		..	2,685	..	..	..	
		Panirooy		..	1,900	..	..	..	
		Nellicoopam		..	..	26	..	26	
		Thirupapulur		..	..	..	..	..	

Proceedings of the Madras Government, Public Works Department,
6th November 1875.

One year after the line

Register Number and Date	Authority	Works	28,515	267	..	267	267
40 M R, of 1874-75	G I No 161 R of 19th Jan 1875	Ouddalore	13,450	4,627	..	4,627	4,659
		2 — Workshops and Store Buildings	68,490	10,730	..	10,730	10,730
		3 — Staff quarters	44,881	152	..	152	152
		4 — Station machinery	..	..	..	..	..
		VII — Plant—	60,000	9,208	38,305	9,208	47,513
		1 — Engineering	60,000	..	..	..	..
		2 — Locomotive	60,000	..	..	..	..
		3 — Carriage and Wagon	..	602	3,616	602	4,218
		4 — Station and Office furniture	31,700	..	..	..	..
		IX — Maintenance	1,61,550	..	..	..	..
40 M R, of 1874-75	G I No 161 R of 19th Jan 1875	Northern Extension—Cuddalore to Tanjore	2,94,638	43,698	378	43,698	44,076
		III — Construction of line—	3,60,916	4,982	..	4,982	4,982
		1 — Earthwork	7,49,885	24,427	601	24,427	25,028
		2 — Bridgework—	..	..	..	..	..
		(a) — Minor bridges	62,533	159	7	159	159
		(b) — Large bridges	1,05,995	1,119	..	1,119	1,127
		3 Tunnels	..	..	..	..	..
		4 Level crossings	..	..	..	..	..
		5 Fencing	1,12,171	35	..	35	35
		IV — Ballasting and Permanent-way—	18,35,484	453	113	453	453
23 M R of 1875-76	G I No 2,254, R of 9th Sep 1875 G E No, 210 of 12th April 1875	1 Ballasting	3,51,214	4,885	..	4,885	4,998
		2 Permanent-way	13,075	10,314	25,625	10,314	35,939
		V — Stations and buildings	1,88,285	2,560	13,409	2,560	15,969
		VI — Electric Telegraph (temporary), Madras to Tanjore	22,15,800	..	..	..	28,04,901
		VII — Plant	1,07,805	..	..	..	..
		VIII — Rolling Stock	..	..	..	..	..
		IX — Maintenance	59,623	..	..	..	..
		Salt siding from Sydepott to Homes' Gardens, Salt Depot	10,557	7	2,627	7	2,634
		Equipment of Telegraph Offices from Madras to Tanjore.	..	..	..	..	..
			4,954	..	..	..	..

* "Cash" up to 31st July "Stores" up to 30th June † Includes the estimate and expenditure on the Southern Extension (Signed) W II COAKER, Captain, R E, for Consulting Engineer for Railways

MADRAS,
4th November 1875

Proceedings of the Madras Government, Public Works Department,
6th November 1875

No 161 ORDER THEREON, 6th November 1875, No 3,169

RAILWAY, No 28

ORDERED to be forwarded to the
Government of India

(True Extract)

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

No 162 (DOCKET, No 3,170, dated 6th November 1875)

COPY of the above forwarded to the Government of India

Major-General, R E,
Secretary to Government

RAILWAY DEPARTMENT

CONSULTING ENGINEER'S OFFICE

Madras, *4th Nov* 1875.

No. *600*

From

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

Consulting Engineer for Railways,

To

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

Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

*I have the honour to
enclose herewith, for transmission
to the Government of India, a
list of the Capital sanctions in
force on the open line and South-
ern and Northern Extensions of
the South Indian Railway for
the quarter ending 31st Decem-
ber 1875.*

I have the honour to be,

Sirs,

Yours most Obedt Servant,

W. Gordon R.E. Capt.

for Cons Eng for Railways

South Indian Railway

List of Open Capital sanctions

Bills for works closed on the 30th September 1875 will be passed up to the 1st December 1875, but no work must be done after the 30th September 1875.

N.B. Expenditure incurred on works not in this List will not be passed unless formal sanction has been previously obtained.

for the quarter ending 31 December 1875

Register No
and date

Authority

Works

Sanctioned expenditure
Indian English Total
Expenditure as per Auditor's
books up to 31st July, 1875
Indian English Total
(Cash) (Stores)
Date on which
sanction closes

Remarks.

*Cash up to 31 July
*Stores up to 30 June

Open Line Nagapatam to Erode.

M & O No 3211 of 13th November 1874
S I No 491 R of 22nd February 1875
43 M R of 1874-75
Swelling workshop yard at Nagapatam
Conversion of line from Nagapatam to
Erode utilizing existing
materials.

" " 3000 " " 31st December 1875

" 102,786 8422 32,717 41,139

4 M R of 1875-76

S I No 926 R of 17th April 1875
Steam barge.

" " 60,000 " " "

Lines under construction

Southern Extensions

III Construction of line

1. Earthwork

699,278 " 699,278 585,853 1,065 586,918

2. Bridgework

(a) Alluvial bridges

5,65,691 1,04,453 6,70,144 384,428 76,089 4,61,317

(b) Large bridges

49,8296 392,284 8,90,579 2,78,018 90,434 3,69,252

3. Tunnels

" " " " " "

4. Level crossings

147,454 " 147,454 29,925 6,509 36,434

5. Fencing

1,40,000 " 1,40,000 59,684 4,950 64,634

Temporary telegraph.

12,000 " 12,000 9,612 23,131 32,743

IV Ballasting and permanent way

1. Ballasting

257,657 " 257,657 87,816 19 87,835

2. Permanent way

538,738 3377,890 39,16,628 1,87,363 23,60,390 25,47,753

*Includes cost of material
received from England

V. Stations and Offices.

1. Stations and buildings.

Trichinopoly.	2575	49,801	19,132	4767	23,899
Coimbatore.	5437	5437	2,185	337	2,522
Mangalore.	5869	5869	2,117	591	2,708
Varangamattay.	5440	5440	37	"	37
Nadavandura.	6847	6847	1977	37	2014
Dindigul.	6473	260	28,733	907	3075
Angayanchanor.	6960	"	6960	2396	35
Cholavandan.	7000	"	7000	5217	369
Madura.	47766	319	48025	16989	312
Siruparungundaram.	5524	"	5524	1394	"
Sannungalam.	5696	"	5696	104	32
Sirdupatty.	2427	260	24387	5987	456
Latton.	7130	"	7130	3329	280
Coimbatore.	7822	"	7822	5666	77
Nadambur.	8376	"	8376	4741	50
Maniacia.	11120	"	11120	4983	50
Sutcom.	75808	270	76078	40633	1149
Bengurudan.	6129	"	6129	2823	97
Trinacvelly.	40110	254	40364	20197	357
2. Workshops and store buildings.	118996	49528	198504	42218	1923
Temporary workshops and buildings.	6947	1542	8489	5058	1943
3. Staff quarters.	146655	"	146655	14741	2669
Temporary - do -	32300	"	32300	27776	53
4. Station machinery.	75128	84917	160045	21388	43530
VII. Plant.	121927	94345	216272	4762	101675
1. Engineering.	1656	14,847	16503	"	"
2. Construction.	828	7423	8251	"	"
3. Carriage and wagon.	75600	37900	113500	577	10892
4. Station and office furniture.	258015	"	258015	"	"
IX. Maintenance.	650	"	650	"	"
Station and outhouses & Northern Extension.	16349	"	16349	"	16349

C.S. No 1377 & 14 of 17. August 1873

C.S. No 253 of 27. April 1875

Station and outhouses & Northern Extension.

III. Construction of line.

1. Earthwork.	391360	2,10,525	36	2,10,561
2. Bridge work.	"	2,11,000	122,579	1579
3. Tunnel.	"	863,442	92,490	12,061
4. Level crossings.	"	41,700	5,371	846
5. Fencing.	"	83,970	21,828	8006
6. Ballasting and Permanent way.	"	"	"	"

IV. Ballasting and Permanent way.

1. Ballasting.	22,01,870	35,909	874,524	9,10,432
2. Permanent way.	"	"	"	"

V. Stations and buildings.

1. Stations and buildings.	603200	22,241	"	22,241
Terminal works.	3655	846	"	846
Chakpatt.	2310	91	2	93
Chakpatt.	1775	278	"	278
Grundy.	20385	2667	"	2667
St Thomas' Mount.	3180	336	"	336
Palavaram.	5910	50	"	50
Vandalur.	2310	13	"	13
Enduvanchery.	2026	"	"	"
Chingipett.	22,645	"	"	"
Chingipett.	4,160	"	"	"
Maduravillam.	2135	"	"	"
Maduravillam.	1650	"	"	"
Maduravillam.	6860	"	"	6860
Maduravillam.	"	"	"	"

C.S. No 306 & 18 of 25. February 1873.
1200 C.R. of 12. July 1873.

C.S. No 1377 & 14 of 17. August 1873

One year after the line has been opened for traffic.

6

CO 6 Kumblygs
in B. 160.

Mr 7/44/95

1.2 Kumblygs

3169-110

30 25 1741 20. 11 24

3169-110