

(1) Number of pages _____

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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No.	581-82	Press
		~~Mis.~~
Dated	14. 3	1872.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
4th March 1872.*

No. 48. Read the following letter from the Acting Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 2nd February 1872, No. 57 :—

I HAVE the honour to forward, for submission to the Government of India, the report of progress made in the construction of the Madras and Great Southern of India Railways for the quarter ended 31st December 1871.

2. As the extension works of the Great Southern Line were not yet commenced, there is no separate report as called for by the Government of India in their letter of 23rd June 1871.

G. O., No. 1,773, dated 5th July 1871.

Brief Descriptive Report submitted with Progress Report for quarter ending 31st December 1871.

NEILGHERRY BRANCH LINE.

Earthwork.—This item refers to earthwork in cuttings and embankments and rock cutting at the 15th and 21st miles.

Small bridges—Large bridges.—Under these headings the expenditure on excavation of foundations and on masonry is included.

Fencing.—The expenditure on ditch and mound fencing at 9th, 10th, 17th, and 21st miles, planting aloe at 13th, 14th, and 21st miles, and on thorn fence at the junction is included under this head.

Other items.—These include Engineer's out-bungalow, Engineer's office, making petty roads, contingent establishment, and extra earthwork in road approaches and extra drains.

Ballast.—This refers to the ballast spread at the 16th and 17th miles.

Permanent-way.—Under this head are the charges for leading and laying permanent-way for three miles of Railway.

Platforms.—This includes the platforms at Coimbatore, Tudialoor, and Karamady stations, and the back verandah and platform at Pothanore station.

Passenger's Buildings.—This includes the station-houses and Native urinals at Coimbatore, Tudialoor, and Karamady stations; also the extra accommodation for Station Master at Coimbatore.

Watering arrangements.—This includes the well staging, water column and taking up and relaying piping from tank-house to water column at Pothanore station.

Small items.—These include the doubling of the main line between Noyel bridge and Pothanore station, the extra siding in the station yard at Pothanore station, and the miscellaneous works at Karamady, Tudialoor, and Coimbatore stations.

SOUTH-WEST LINE.

Large bridges.—The expenditure under this head is due to the foot-paths and hand rails which have been put on the most important girder bridges to facilitate their inspection in stormy weather.

Fencing.—This refers to the wire fencing now being erected along five miles of the line between Shoranore and Perpengady in consequence of the failure of the aloe fence at that locality.

Small items.—These consist of the boundary wall and alteration of platform at new Central Station.

NORTH-WEST LINE.

Large bridges.—This refers to the foot-paths and hand rails which have been put on the most important girder bridges; also the new bridge over the Huggry river to which sanction was accorded in G. O., No. 2,911, dated 16th November 1871.

Platforms.—This refers to the covered platform at Raichore station and the open platform at the Toongabudra river.

Passenger's buildings.—These include the station-house, European and Native urinals, refreshment-room and godown at Raichore station and the station-house at the Toongabudra river.

Goods shed.—The goods shed and platform and the salt godown at Raichore station are included in this item.

Watering arrangements.—These include the following works at Raichore station, namely, wash-out cock in engine shed, well staging, water column, piping and laying do., and tank-house; also the additional well staging at Ghooty station.

Staff Quarters.—Under this item are included the following buildings at Raichore station, namely, Staff bungalow, Station Master's bungalow, Apothecarys, double Engine Drivers, single Engine Drivers, 2 Firemens, Telegraph Signallers, Guards and Permanent-way Inspectors' bungalows; also the Permanent-way Inspectors' bungalows at Ghooty, Goondacul and Bellary, the Telegraph Signallers' bungalow at Ghooty and the Station Master's bungalow at Adony.

Engine shed.—The engine and carriage sheds at Raichore are the works referred to herein.

Small items.—Under this heading are included the following works at Raichore, namely, shear legs, double engine pit, 2 blowing-off pits, engine and carriage turn-tables, weigh-bridge 6 Scotch blocks, 8 signals, weigh-bridge office, Deputy Post Master's bungalow, cash godown and miscellaneous works; also signals at Goondacul junction and Toongabudra river, Engineer's store and workshop at Bellary, and Post Office at Goondacul.

MADRAS,
30th January 1871,

(True copy) (Signed) B. ANDERSON,
Chief Engineer.
(Signed) R. B. ELWIN,
Agent and Manager.

Proceedings of the Madras Government,

MADRAS

A.—General Progress Report of the

References to heads of Estimate.	Details.	TOTAL ESTIMATE.		ACTUAL INDIAN EXPENDITURE.	
		Indian Expenditure.	Value of English Stores.	During quarter.	Total from commencement to end of quarter.
		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
I.	Preliminary Expenses ...	.....	.....	.....	.....
II.	Land ...	.....	.....	.....	.....
III.	Construction of Line ...	13,492 0 0	13,911 0 0	3,797 0 9	8,797 0 0
	Earthwork { Cuttings and embankments ...	.....	.....	.....	.....
	{ Rock Cutting ...	.....	.....	.....	.....
	Small Bridges and Culverts ...	.....	.....	.....	.....
	Large Bridges (as per Statement B)	6,606 0 0	1,887 0 0	1,055 0 0	5,055 0 0
	Fencing ...	6,886 0 0	11,124 0 0	3,742 0 0	3,742 0 0
	Other items...	.....	.....	.....	.....
IV.	Ballast and Permanent-way.	.....	.....	.....	.....
	Ballast { Collected ...	}	}	}	}
	{ Spread ...				
	Rails { Lifted ...				
	{ Linked in ...				
	{ In Depôt ...				
	Sleepers { Lifted { Iron ...				
	{ Wood ...	.....	.....	.....	.....
	Laid { Iron ...	.....	.....	.....	.....
	{ Wood ...	.....	.....	.....	.....
	In Depôt { Iron ...	.....	.....	.....	.....
	{ Wood ...	.....	.....	.....	.....
V.	Stations and Buildings (as per Statement C.) ...	21,479 0 0	.....	2,859 0 0	18,341 0 0
	a. Platforms ...	.....	.....	.....	.....
	b. Passengers' buildings ...	.....	.....	.....	.....
	c. Goods sheds ...	.....	.....	.....	.....
	d. Watering arrangements ...	.....	.....	.....	.....
	e. Staff Quarters by rooms ...	.....	.....	.....	.....
	f. Engine sheds ...	.....	.....	.....	.....
	g. Small items ...	21,479 0 0	.....	2,889 0 0	18,341 0 0
VI.	Telegraph ...	.....	.....	.....	.....
VII.	Plant ...	.....	.....	.....	.....
VIII.	Rolling Stock (vide Statement D.)	1,25,287 0 0	.....	7,855 0 0	32,146 0 0
IX.	Maintenance ...	.....	.....	.....	.....
X.	Establishment ...	3,10,000 0 0	}	75,063 0 0	2,53,656 0 0
XI.	Contingencies ...	12,000 0 0			

CHIEF ENGINEER'S OFFICE,
27th January 1872.

(Signed) F. CHURCH,
Chief Auditor.

(Signed) C. H. P. CHRISTIE
Government

Public Works Department, 4th March 1872.

RAILWAY.

South-West Line for the quarter ending 31st December 1871.

[illegible]

This includes the expenditure incurred on account of establishment of the North-West Line.

t., R.E.,
3 Examiner.

(Signed) R. B. ELWIN,
Agent and Manager.

(Signed) B. ANDERSON,
Chief Engineer.

Proceedings of the Madras Government,

A.—General Progress Report of the

Refer- ences to heads of Esti- mate.	Details.	TOTAL ESTIMATE.		ACTUAL INDIAN EXPENDITURE.	
		Indian Expendi- ture.	Value of English Stores.	During quarter.	Total from com- mencement to end of quarter.
		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
I.	Preliminary Expenses ...	...	...	...	...
II.	Land ...	...	...	...	...
III.	Construction of Line ...	2,90,807 0 0	3,36,327 0 0	7,016 6 0	1,11,421 0 0
	Earthwork. { Cuttings and embank- ments ...	...	...	...	...
	{ Rock Cutting ...	...	...	...	...
	Small Bridges and Culverts ...	...	...	...	...
	Large Bridges (as per Statement B.)	2,90,807 0 0	3,26,327 0 0	7,016 0 0	1,11,421 0 0
	Fencing ...	...	...	...	...
	Other items ...	...	...	...	...
IV.	Ballast and Permanent-way ...	...	...	...	...
	Ballast { Collected ...	}	}	}	}
	{ Spread ...				
	Rails { Lifted ...				
	{ Linked in ...				
	{ In Depot ...				
	Sleepers { Lifted { Iron ...				
	{ Wood ...				
	Laid { Iron ...				
	{ Wood ...				
	In Depot { Iron ...				
	{ Wood ...				
V.	Stations and Buildings (as per Statement C.) ...	3,51,403 0 0	1,35,643 0 0	22,023 0 0	2,50,041 0 0
	a. Platforms ...	19,016 0 0	5,400 0 0	1,353 0 0	4,242 0 0
	b. Passengers' buildings ...	49,679 0 0	6,291 0 0	4,089 0 0	39,015 0 0
	c. Goods sheds ...	38,746 0 0	12,120 0 0	3,423 0 0	28,979 0 0
	d. Watering arrangements ...	16,949 0 0	6,669 0 0	1,604 0 0	11,094 0 0
	e. Staff Quarters by rooms ...	76,121 0 0	Nil	8,411 0 0	66,374 0 0
	f. Engine sheds ...	51,333 0 0	23,840 0 0	1,275 0 0	81,724 0 0
	g. Small items ...	99,559 0 0	81,323 0 0	2,468 0 0	68,613 0 0
VI.	Telegraph ...	}	}	}	}
VII.	Plant ...				
VIII.	Rolling Stock (vide Statement D.) ...	...	...	...	...
IX.	Maintenance ...	4,69,890 0 0	...	64,684 0 0	4,15,133 0 0
X.	Establishment *	}	}	}	}
XI.	Contingencies *				

CHIEF ENGINEER'S OFFICE,
27th January 1872.

(Signed) P. CHURCH,
Chief Auditor.

(Signed) C. H. P. CHRISTIE,
Government

Public Works Department, 4th March 1872.

North-West Line for the quarter ending 31st December 1871.

[illegible]

Lieut., R.E.,
Examiner.

(Signed) R. B. ELWIN,
Agent and Manager.

(Signed) **B. ANDERSON,**
Chief Engineer.

1

Proceedings of the Madras Government,

A.—General Progress Report of Works on the Neilgherry

References to heads of Estimate.		Details.	TOTAL ESTIMATE.		ACTUAL INDIAN EXPENDITURE.	
			Indian Expenditure.	Value of English Stores.	During quarter.	Total from commencement to end of quarter.
			RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
I.	Preliminary Expenses	...	.....	.....	.....	.....
II.	Land	...	.....	.....	.....	10,954 0 0
III.	Construction of Line	...	7,92,102 0 0	37,930 0 0	83,700 0 0	2,11,500 0 0
	Earthwork.	{ Cuttings and embankments ... Rock Cutting	2,26,058 0 0	.....	40,549 0 0	93,751 0 0
	Small Bridges and Culverts	...	2,07,046 0 0	20,375 0 0	.....	.....
	Large Bridges (as per Statement B.)	...	1,03,853 0 0	76,855 0 0	34,879 0 0	47,553 0 0
	Fencing	...	36,681 0 0	.....	9,551 0 0	21,730 0 0
	Other items	...	1,28,514 0 0	.....	122 0 0	1,004 0 0
IV.	Ballast and Permanent-way	...	2,71,163 0 0	5,55,333 0 0	249 0 0	74,809 0 0
	Ballast	{ Collected. Spread	65,700 0 0	.....	231 0 0	4,340 0 0
	Rails	{ Laid Linked in In Depot.	.....	.....	.....	.....
	Sleepers	{ Lifted { Iron Wood Laid { Iron Wood In Depot. { Iron Wood	2,05,408 0 0	6,58,883 0 0	2,058 0 0	14,809 0 0
V.	Stations and Buildings (as per Statement C.)	...	74,067 0 0	4,825 0 0	508 0 0	1,242 0 0
	a. Platforms	...	19,833 0 0	3,570 0 0	123 0 0	123 0 0
	b. Passengers' buildings	...	21,982 0 0	1,402 0 0	624 0 0	761 0 0
	c. Goods sheds	...	.....	.....	.....	.....
	d. Watering arrangements	...	2,774 0 0	309 0 0	NIL.	NIL.
	e. Staff Quarters by rooms	...	.....	.....	.....	.....
	f. Engine sheds	...	.....	.....	.....	.....
	g. Small items	...	30,378 0 0	53,774 0 0	158 0 0	158 0 0
VI.	Telegraph	...	.....	.....	.....	.....
VII.	Plant	...	1,477 0 0	.....	.....	.....
VIII.	Rolling Stock (vide Statement D.)	...	.....	.....	NIL.	0 15 0
IX.	Maintenance	...	83,366 0 0	.....	.....	.....
X.	Establishment	...	.....	.....	.....	.....
XI.	Contingencies	...	.....	.....	6,072 0 0	21,801 0 0

CHIEF ENGINEER'S OFFICE,
27th January 1872.

(Signed) F. CHURCH,
Chief Auditor.

(Signed) C. H. P. CHRISTIE,
Government

Public Works Department, 4th March 1872.

Branch Line for the quarter ending 31st December 1871.

[illegible]

Lieut., R. E.,
Examiner.

(Signed) R. B. ELWIN,
Agent and Manager.

(Signed) B. ANDERSON,
Chief Engineer.

B.—Progress Report of large Bridges on the South-West Line for the quarter ending 31st December 1871.

Proceedings of the Madras Government, Public Works Department,
4th March 1872.

Names of Bridges.	Foundations.	Abutment and Piers up to springing or girder level.	Arching or erection of girders.	Other items—Hand Railings.	Remarks.
Palar Bridge—					
At 106 miles 28 chains	...	...			14-32 feet and 5-62 feet openings with wrought-iron girders.
a. Per-centage done	...			Finished.	
b. Date of completion	...				
At 112 miles 38 chains	...				5-20 feet openings with wrought-iron girders.
a. Per-centage done	...			Finished.	
b. Date of completion	...				
At 125 miles 71 chains	...				12-31 feet openings do.
a. Per-centage done	...			Finished.	
b. Date of completion	...				
At 175 miles 29 chains	...				2-20 feet and 2-30 feet openings do.
a. Per-centage done	...			Finished.	
b. Date of completion	...				
At 175 miles 64 chains	...				2-50 feet openings do.
a. Per-centage done	...			Finished.	
b. Date of completion	...				
Cauvery Bridge—					
At 241 miles 40 chains	...				2-62 feet and 20-64 feet openings do.
a. Per-centage done	...			Finished.	
b. Date of completion	...				
At 242 miles 55 chains	...				5-20 feet openings do.
a. Per-centage done	...			Finished.	
b. Date of completion	...				
At 334 miles 25 chains	...				3-30 feet openings do.
a. Per-centage done	...			Finished.	
b. Date of completion	...				
Thoota Bridge—					
At 373 miles 59 chains	...				12-62 feet openings do.
a. Per-centage done	...			Finished.	
b. Date of completion	...				
At 385 miles 55 chains	...				5-20 feet openings do.
a. Per-centage done	...			Finished.	
b. Date of completion	...				

Proceedings of the Madras Government, Public Works Department,
4th March 1872.

Tiroor Bridge—					
At 387 miles 60 chains	...	.....	.....	.....	5-70 feet openings do.
a. Per-centage done	...	.....	.....	Finished.	
b. Date of completion	...	.....	.....	.....	
At 395 miles 23 chains	...	.....	.....	.....	3-70 feet openings do.
a. Per-centage done	...	.....	.....	Finished.	
b. Date of completion	...	.....	.....	.....	
Kudlehoondy Bridge—					
At 403 miles 28 chains	...	.....	.....	.....	20-70 feet openings do.
a. Per-centage done	...	.....	.....	Finished.	
b. Date of completion	...	.....	.....	.....	
MADRAS, 27th January 1872.	(Signed)	R. B. ELWIN, Agent and Manager.	(Signed)	B. ANDERSON, Chief Engineer.	

B.—Progress Report of large Bridges on the North-West line for the quarter ending 31st December 1871.]

*Proceedings of the Madras Government, Public Works Department,
4th March 1872.*

Names of Bridges.	Foundations.	Abutments and Piers up to springing or girder level.	Arching or erection of girders.	Other items— Hand railings.	Remarks.
At 95 miles 38 chains ... a. Per-centage done ... b. Date of completion ...				 Finished.	5-20 feet openings with-wrought iron girders. do. do.
At 107 miles 36 chains ... a. Per-centage done ... b. Date of completion ...				 Finished.	5-47 feet openings do. do. do.
At 112 miles 75 chains ... a. Per-centage done ... b. Date of completion ...				 Finished.	8-20 feet openings do. do. do.
Cheyraur bridge— At 135 miles 50 chains ... a. Per-centage done ... b. Date of completion ...				 Finished.	38-64 feet openings do. do. do.
At 142 miles 24 chains ... a. Per-centage done ... b. Date of completion ...				 Finished.	2-62 feet 10 inches openings do. do. do.
At 153 miles 32 chains ... a. Per-centage done ... b. Date of completion ...				 Finished.	5-30 feet openings do. do. do.
Cuddapah bridge— At 162 miles 10 chains ... a. Per-centage done ... b. Date of completion ...				 Finished.	8-60 feet openings do. do. do.
Rallavanka bridge— a. Per-centage done ... b. Date of completion ...				 Finished.	9-51 feet 10½ inches openings do. do. do.
At 170 miles 56 chains ... a. Per-centage done ... b. Date of completion ...				 Finished.	7-30 feet openings do. do. do.

*Proceedings of the Madras Government, Public Works Department,
4th March 1872.*

Paupugnee bridge— At 174 miles 74 chains a. Per-centage done ... b. Date of completion ...	.... .... ....	.... .... ....	.... .... ....	..... Finished.	20-70 feet openings do. do. do.
At 179 miles 4 chains ... a. Per-centage done ... b. Date of completion ...	.... .... ....	.... .... ....	.... .... ....	..... Finished.	5-50 feet openings do. do. do.
Yerragoodpau bridge— At 179 miles 54 chains a. Per-centage done ... b. Date of completion ...	.... .... ....	.... .... ....	.... .... ....	..... Finished.	28-16 feet openings do. do. do.
Matagapully bridge— At 180 miles 49 chains a. Per-centage done ... b. Date of completion ...	.... .... ....	.... .... ....	.... .... ....	..... Finished.	7-49 feet openings do. do. do.
At 196 miles 4 chains a. Per-centage done ... b. Date of completion ...	.... .... ....	.... .... ....	.... .... ....	..... Finished.	3-30 feet openings do. do. do.
At 205 miles 28 chains a. Per-centage done ... b. Date of completion ...	.... .... ....	.... .... ....	.... .... ....	..... Finished.	3-31 feet 3¼ inches openings do. do. do. do.
At 207 miles 24 chains a. Per-centage done ... b. Date of completion ...	.... .... ....	.... .... ....	.... .... ....	..... Finished.	3-30 feet openings do. do. do.
Chittravutty bridge— At 211 miles 55 chains a. Per-centage done ... b. Date of completion ...	.... .... ....	.... .... ....	.... .... ....	..... Finished.	40-70 feet openings do. do. do.
At 215 miles 70 chains a. Per-centage done ... b. Date of completion ...	.... .... ....	.... .... ....	.... .... ....	..... Finished.	4-30 feet openings do. do. do.
Jotoor bridge— At 231 miles 74 chains... a. Per-centage done ... b. Date of completion ...	.... .... ....	.... .... ....	.... .... ....	..... Finished.	4-64 feet openings do. do. do.
At 232 miles 22 chains a. Per-centage done ... b. Date of completion ...	.... .... ....	.... .... ....	.... .... ....	..... Finished.	2-64 feet openings do. do. do.

Progress Report of large Bridges on the North-West Line, etc.—(Continued.)

*Proceedings of the Madras Government, Public Works Department,
4th March 1872.*

Names of Bridges.	Foundations.	Abutments and Piers up to springing or girder level.	Arching or erection of girders.	Other items— Hand railings.	Remarks.
Pennair bridge—					
At 233 miles 48 chains ...	...	...	...	Finished.	24-64 feet openings with wrought iron-girders.
a. Per-centage done ...	...	...	...	...	6-30 feet openings do.
b. Date of completion ...	...	...	...	...	do.
At 238 miles 11 chains ...	...	...	...	Finished.	3-30 feet openings do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.
At 245 miles 30 chains ...	...	...	...	Finished.	4-64 feet openings do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.
At 248 miles 36 chains ...	...	...	...	Finished.	2-64 feet openings do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.
At 248 miles 60 chains ...	...	...	...	Finished.	5-30 feet openings do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.
At 257 miles 72 chains ...	...	...	...	Finished.	4-64 feet openings do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.
At 258 miles 55 chains ...	...	...	...	Finished.	4-64 feet openings do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.
At 263 miles 13 chains ...	...	...	...	Finished.	5-30 feet openings do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.
At 277 miles 43 chains ...	...	...	...	Finished.	7-30 feet openings do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.
At 284 miles 70 chains ...	...	...	...	Finished.	3-30 feet openings do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.
At 286 miles 61 chains ...	...	...	...	Finished.	
a. Per-centage done ...	...	...	...	...	
b. Date of completion ...	...	...	...	...	

*Proceedings of the Madras Government, Public Works Department,
4th March 1872.*

Hugry bridge—					
At 297 miles 14 chains ...	...	...	...	...	do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.
At 285 miles 58 chains ...	...	...	...	...	do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.
At 315 miles 65 chains ...	...	...	...	...	do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.
At 327 miles 18 chains ...	...	...	...	...	do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.
Toongabudra bridge—					
At 333 miles 51 chains ...	...	...	...	...	do.
a. Per-centage done ...	...	...	...	...	do.
b. Date of completion ...	...	...	...	...	do.

MADRAS,
27th January 1872.

(Signed) R. B. ELWIN,
Agent and Manager.

(Signed) B. ANDERSON,
Chief Engineer.

B.—Progress Report of large Bridges on the Neilgherry Branch Line for the quarter ending 31st December 1871.

Names of Bridges.	Foundations.	Abutments and Piers up to springing or girder level.	Arching or erection of girders.	Other items.	Remarks.
At 11 miles 7 chains—Vonkah a. Per-centage done b. Date of completion	 Finished.	 65* 31st March 1873.	..... .....	..... .....	Four 64 feet openings with wrought-iron girders. *One abutment up to girder level and another up to neat work.
At 5 miles 29 chains—Vonkah a. Per-centage done b. Date of completion	 60* 31st March 1873.	 25† 31st March 1873.	..... .....	..... .....	Double 64 feet openings with wrought-iron girders. †One abutment and pier to the bottom of girder stone level. *South abutments and piers laid.
At 10 miles 11 chains—Vonkah a. Per-centage done b. Date of completion	 75* 31st March 1873.	 40† 31st March 1873.	..... .....	..... .....	Double 64 feet openings with wrought-iron girders. †Two abutments finished up to the bottom of girder stone level.
At 12 miles 3 chains—Vonkah a. Per-centage done b. Date of completion	 31st March 1873.	 31st March 1873.	..... .....	..... .....	*Both abutments laid. Double 64 feet openings with wrought-iron girders.
At 5 miles 68 chains—Vonkah a. Per-centage done b. Date of completion	 30* 31st March 1873.	 20† 31st March 1873.	..... .....	..... .....	†One abutment under progress. *South abutment laid.
At 6 miles 46 chains—Vonkah a. Per-centage done b. Date of completion	 Not commenced as yet.	 Not commenced as yet.	..... .....	..... .....	Three 50 feet openings with wrought-iron girders.
At 19 miles 4 chains—Vonkah a. Per-centage done b. Date of completion	 Not commenced as yet.	 Not commenced as yet.	..... .....	..... .....	Triple 30 feet openings with wrought-iron girders.
At 21 miles 20 chains—Nullah a. Per-centage done b. Date of completion	 20* 31st March 1873.	 4-00† 31st March 1873.	..... .....	..... .....	Four 64 feet openings with wrought-iron girders. †Abutment founded.
At 21 miles 76 chains—Nullah a. Per-centage done b. Date of completion	 30* 31st March 1873.	 5-00† 31st March 1873.	..... .....	..... .....	Do. laid. Single 20 feet arch. †Abutment founded.
At 24 miles 46 chains—Nullah a. Per-centage done b. Date of completion	 30* 31st March 1873.	 6-00† 31st March 1873.	..... .....	..... .....	Do. laid. Single 12 feet arch. †Abutment founded.
	 Not commenced as yet.	 Not commenced as yet.	..... .....	..... .....	Do. laid. Single 9 feet openings with wrought-iron girders.

(Signed) R. B. ELWIN, Agent and Manager. (Signed) B. ANDERSON, Chief Engineer.

27th January 1872.

C.—Progress Report of Stations on the South-West Line for the quarter ending 31st December 1871.

(Signed) Nil. (Signed) R. B. ELWIN, Agent and Manager. (Signed) B. ANDERSON, Chief Engineer.

27th January 1872.

Progress Report of Stations on the North-West Line for the quarter ending 31st December 1871.

Stations.	A. Platforms.	B. Passengers' buildings.	C. Goods Shed.	D. Watering arrangements.	E. Staff Quarters.	F. Engine Shed.	G. Small items.	Remarks.
Raichore Station. a.—Per-centage done...	70-00* 30th June 1872.	Finished.	90-00 31st March 1872.	90-00† 30th June 1872.	Finished. Nil.	70-00 30th June 1872.	80-00 30th June 1872.	* Covered platform work stopped. † Awaiting sanction for alteration proposed.
Toongabuddra River Station. a.—Per-centage done. b.—Date of completion.	... ...	Nil. Nil.	... ...	... ...	Nil. Nil.	... ...	... ...	Not commenced as yet.

(Signed) R. B. ELWIN, Agent and Manager. (Signed) B. ANDERSON, Chief Engineer.

January 1872.

Proceedings of the Madras Government, Public Works Department,
4th March 1872.

C.—Progress Report of Stations on the Neilgherry Branch Line for the Quarter ending 31st December 1871.

Names of Stations.	A. Platform.	B. Passengers' Buildings.	C. Goods Shed.	D. Watering arrangements.	E. Staff Quarters.	F. Engine Shed.	G. Small Items.	Remarks.
Tudialoor Station—								
At 9 miles 5 chains	...	...	...	...	...	...	...	
a.—Per-centage done	...	...	...	...	...	...	...	
b.—Date of completion	...	...	...	...	...	...	...	
Karamady Station—								
At 20 miles 43 chains	...	...	...	...	...	...	...	
a.—Per-centage done	...	...	...	...	...	...	...	
b.—Date of completion	...	...	...	...	...	...	...	
Coimbatore Station—								
a.—Per-centage done	...	...	...	...	...	...	...	
b.—Date of completion	...	...	...	...	...	...	...	
Pothanore Station—								
a.—Per-centage done	...	...	...	...	...	...	...	
b.—Date of completion	...	...	...	...	...	...	...	

(Signed) B. ANDERSON,
Chief Engineer.

(Signed) R. B. ELWIN,
Agent and Manager.

January 1872.

D.—General Progress Report of Work in erecting and building Locomotive and Rolling Stock for quarter ending 31st December 1871.

	Number sanctioned.	Number erected up to 31st March 1871.	NUMBER ERRECTED DURING CURRENT YEAR.		Building or under erection at end of quarter.	Arrived at Shop during quarter.	Arrived at Port during quarter.	Balance to arrive in Port.	Remarks.
			During quarter.	To end of quarter.					
Locomotives	126	126							
Tenders	106	106							
Sleeping carriages	4	4							
First-class do.	22	15							
Second-class do.	5	55							
Second do. carriage brakes	5	...							
Third do. do. do.	30	30							
Do. do. do.	20	146			25				
Cooly class or covered carriages	2	25							
Third do. upper-storied carriages	2	2							
Composite carriages	31	26							
Night do. do.	16	6							
Engineer's inspection carriage with brake	1	1							
Passengers' luggage vans	25	25							
Carriage trucks	30	30							
Horse-boxes	56	30							
Ballast waggons	203	244							
Open-sided goods waggons	30	303							
Open goods waggons	50	50*							
High-sided open goods waggons	2,152	1,860							
Road open Goods' waggons	5	5							
Road waggons with brake	25	22							
Covered goods waggons	75	428							
Coke waggons	360	1410							
Timber trucks	150	141							
Gun-powder vans	3	3							
Oil Store-vans	3	3							
Water trucks	4	4							
Cattle waggons	35	35							
Platform trucks	...	56							
Goods brake vans	69	41							
Road waggons	7	7							
Travelling cranes	4	4							
Fire-engine trucks	2	...							
Buffer springs	...	...							
Carriage and waggon springs	...	...							
Draw springs	...	...							
Axles	...	...							
Wheels, pairs of	...	...							
Sets of iron work carriages	...	...							
Do. do. waggons	...	...							
	8,772	8,553	29	35	200				

* Sanction received in Government Order, Nos. 272 and 3,004, dated 22nd January and 13th December 1870, for conversion of two of these vehicles into fire-engine trucks, 293 into high-sided open goods waggons, and 10 into carriage trucks.
† Sanction received from Consulting Engineer, No. 397, dated 14th May 1864, for conversion of three of these vehicles into road brake waggons.
‡ Sanction received in Government Order, No. 3,004, dated 13th December 1870, for conversion of fifty of these vehicles into covered goods waggons.
§ Sanction received from Consulting Engineer, No. 397, dated 14th May 1864, for conversion of these six vehicles into timber trucks.

PERAMBUR,
24th January 1872.

(Signed) F. CHURCH,
Chief Auditor.

(Signed) R. B. ELWIN,
Agent and Manager.

(Signed) W. B. WRIGHT,
Locomotive Superintendent.

Proceedings of the Madras Government, Public Works Department,
4th March 1872.

GREAT SOUTHERN OF INDIA RAILWAY.
Open Line—Progress Report for the quarter ending December 1871.

Reference to heads of Estimates.	Details.	TOTAL ESTIMATE.		ACTUAL INDIAN CASH EXPENDITURE.	
		Indian Expenditure.	Value of English Stores.	During quarter.	
		RS.	RS.	RS.	A. P.
I.	Preliminary Expenses	...	...	...	...
II.	Land	...	...	...	...
III.	Construction of Line	...	...	...	...
	Earthworks	...	...	...	...
	Small bridges	...	...	...	...
	Large do.	...	...	...	...
	Fencing	...	...	...	...
	Other items	...	...	...	...
IV.	Ballast and Permanent-Way	...	...	...	...
	Ballast	...	...	...	...
	Permanent-way	...	...	...	...
V.	Stations and Buildings	...	...	82	11 0
	Platform	...	...	...	...
	Passengers' buildings	...	...	...	...
	Goods sheds	...	...	...	...
	Watering arrangements	...	...	...	...
	Staff quarters	...	...	...	...
	Engine sheds, etc., shops	...	...	...	...
	Other items	...	...	...	...
VI.	Telegraph	...	...	...	...
VII.	Plant	...	...	...	...
VIII.	Rolling Stock	...	...	57	4 4
IX.	Maintenance	...	...	...	...
X.	Establishment	...	...	12,115	7 4
XI.	Contingencies	...	...	33	11 7
	Total...	...	...	12,259	2 3

Southern Extension—Progress Report for the quarter ending December 1871.

Reference to heads of Estimates.	Details.	TOTAL ESTIMATES.		ACTUAL INDIAN CASH EXPENDITURE.	
		Indian Expenditure.	Value of English Stores.	During quarter.	
		RS.	RS.	RS.	A. P.
I.	Preliminary Expenses	...	...	23,911	11 7
II.	Land	...	...	...	...
III.	Construction of Line	...	...	...	...
	Earthwork	...	...	...	...
	Small bridges	...	...	...	...
	Large do.	...	...	...	...
	Fencing	...	...	...	...
	Other items	...	...	...	...
IV.	Ballast and Permanent-way	...	...	...	...
	Ballast	...	...	...	...
	Permanent-way	...	...	...	...

Proceedings of the Madras Government, Public Works Department,
4th March 1872.

Southern Extension.—Progress Report, etc.—(Concluded.)

Reference to heads of Estimates.	Details.	TOTAL ESTIMATES.		ACTUAL INDIAN CASH EXPENDITURE.	
		Indian Expenditure.	Value of English Stores.	During quarter.	
		RS.	RS.	RS.	A. P.
V.	Stations and Buildings	...	...	...	...
	Platform	...	...	...	...
	Passengers' buildings	...	...	...	...
	Goods sheds	...	...	...	...
	Watering arrangements	...	...	...	...
	Staff quarters	...	...	...	...
	Engine sheds, etc., shops	...	...	...	...
	Other items	...	...	...	...
VI.	Telegraph	...	...	...	...
VII.	Plant	...	...	...	...
VIII.	Rolling Stock	...	...	...	...
IX.	Maintenance	...	...	...	...
X.	Establishment	...	...	...	...
XI.	Contingencies	...	...	...	...
	Total...	...	...	23,911	11 7

NEGAPATAM, (Signed) J. SMITH, (Signed) W. S. BETTS,
20th January 1872. Chief Auditor. Agent and Traffic Manager.
(Signed) S. M. JOHNSON,
Assistant Controller.

D.—General Progress Report of work in erecting and building Locomotive and Rolling Stock for quarter ending 31st December 1871.

	Number sanctioned.	Number erected up to 30th September 1871.	NUMBER ERECTED DURING CURRENT YEAR.		Building or under erection at end of quarter.	Arrived at shops during quarter.	Arrived at Port during quarter.	Balance to arrive in Port.
			During quarter.	To end of quarter.				
Locomotive engines and tenders	21	20	...	1	1	...	...	...
Composite carriages	7	7	...	2	...	...	...	...
Second class do.	2	2	...	...	...	...	...	...
Third do. do.	34	34	...	...	...	...	...	...
Passengers' brake vans	8	7	...	1	1	...	...	...
Horse boxes	3	3	...	...	...	...	...	...
Carriage trucks	1	1	...	...	...	...	...	...
Goods brake vans	4	4	...	...	...	...	...	...
Covered goods waggons	166	148	1	24	17	...	...	...
Ballast waggons	50	50	...	...	...	...	...	...
Open goods do.	50	50	...	...	...	...	...	...
Timber trucks	4	4	...	...	...	...	...	...
Gun-powder vans	1	...	...	...	1	...	...	...
Salt trucks	25	25	...	...	...	...	...	...
High sided open trucks	50	50	...	...	...	...	...	...
Sets of iron work (carriages)...	...	...	Iron works drawn from General Stores in complete sets		None.	...	...	...
Do. (waggons)	...	...						

NEGAPATAM, (Signed) W. S. BETTS, (Signed) E. G. SHEWARD,
20th January 1872. Agent. Loco. and Car. Supt.

*Proceedings of the Madras Government, Public Works Department,
4th March 1872.*

No. 49. ORDER THEREON, 4th March 1872, No. 581.

RAILWAY, No. 8.

ORDERED that these papers be forwarded to the Government of India.

(True Extract.)

(Signed) J. CARPENDALE, Colonel, R.E.,
Secretary to Government.

No. 50. (DOCKET No. 582, dated 4th March 1872.)
Copy of the above forwarded to the Government of India.
(True Extract.)

Colonel, R.E.,
Secretary to Government.

A.

Madras

General Progress Report of the South West Line

Reference heads of Estimate	Details	Total Estimate		Actual Indian Expenditure	
		Indian Expenditure	Value of English Stores	During Quarter	Total from Commencement to end of Quarter
I	Preliminary Expenses				
II	Land				
III	Construction of Line	13,492	13,011	4,797	8,797
	Earthwork & Cuttings & Embankments				
	Small Bridges & Culverts	6,606	1,887	1,055	5,055
	Large Bridges (as per statement B)	8,886	11,124	3,742	3,742
	Services other items				
IV	Ballast and Permanent Way				
	Ballast { Collected Spread				
	Rails { Laid Laid in In depot				
	Sleepers { Laid Laid in In depot				
V	Stations & Buildings (as per statement C)	21,479		2,889	18,341
	a Platforms				
	b Passenger Buildings				
	c Goods Sheds				
	d Watering Arrangements				
	e Staff Quarters by owners				
	f Engine Sheds				
	g Small items	21,479		2,889	18,341
VI	Telegraphs				
VII	Rolling Stock (vide statement B)	1,25,287		7,855	32,146
VIII	Maintenance				
IX	Establishment	3,10,000		75,063	253,656
X	Contingencies	12,000			

Chief Engineer's Office
27th January 1872Arthur M. Smith,
Chief Engineer.

Railway

A.

25

for the Quarter ending 31st December 1871

Number			Quantities			Probable Date		Remarks
Total	Finished	In hand	Total as per Estimate	Executed during Quarter	Executed to end of Quarter	Completion	By which the Account will be closed & the Quarterly Statement prepared	
13 10	13 10	"				Finished	Finished	
.	.	.	"	"	"	.	.	
2	"	2						
2	"	2				Not known		
This includes the expenditure incurred on account of Establishment of the North West Line								

Arthur M. Smith, Chief Engineer.
 Govt. Engineer. Agent & Manager

P. W. 59772

Madras

Railway.

[Signature]

for Quarter ending 31st December 1871.

27

Number			Quantities			Probable State		Remarks
Total	Finished	In hand	Totals per Estimate	Executed during quarter	Locusts found of Quarter	of Completion	By which the amount may be laid off against	
37	36	1						
37	36	1				* Finished 31st Dec 93	x Hand Railings o Huggay Bridge	
50	23	27						
2	.	2						
5	4	1						
36	1	2						
16	3	3						
2	10	6						
16	5	2						
		11						
								30 June 1892 with exception of Tangabudro Station.
								* New expenditure for Establishment included on the South West Line return

Chief Engineer's Office
26th January 1892

William Jones

Chief Auditor..

John P. Hume

Christie Y. R. E.
ex Govt. Examiner.

Wesford Anderson -
Chief Engineer R.R.

P. W. 597/72

A.

Madras Railway

A.

General Progress Report of Works on the Kilgorey Branch Line for Quarter ending 31st December 1871.

33

Reference to heads of Estimate	Details	Total Estimate		Actual Indian Expenditure		Number			Quantities			Quantities Permanent Way		Probable date of Completion		Remarks
		Indian Expenditure	Value of English Stores	During Quarter	Total from Commencement to end of Quarter	Total	Finished	In hand	Total as per Estimate	Executed during Quarter	Executed to end of Quarter	Total Assessed in 1871	Assessed in 1872 during Quarter			
I	Preliminary Expenses				10,954											
II	Land															
III	Construction of Line															
	Earthwork { Cuttings & Embankments	792,152	97,230	85,350	238,850											
	Rock Cutting	226,058	"	40,549	93,754											
	Small Bridges and Culverts	207,046	20,375	34,879	27,553	100		100								
	Large Bridges as per Statement B	193,853	7,855	9,551	21,730											
	Fencing	36,681	"	122	1,004	50.52	1.20	1.20								
	Other items	128,514	"	249	74,809											
IV	Ballast and Permanent Way															
	Ballast { Collected	271,108	658,883	2,939	19,149	25.26	3.0	3.0								
	Spread	65,700	"	281	4,340	25.26										
	Rails { Laid					50.52	3	3								
	Linked in															
	In depot															
	Sleepers { Lifted											10,901	"			
	Wood	205,408	658,883	2,658	14,809	25.26										
	Laid															
	Wood															
	In depot											59,464	"			
V	Stations and Buildings as per Statement C															
	a Platforms	74,967	58,055	905	1042	47		47								
	b Passenger Buildings	19,833	2,570	123	123	14		14								
	c Goods Sheds	21,982	14,002	624	761	7		7								
	d Watering Arrangements	2,774	309	Nil	Nil	3		3								
	e Staff Quarters & by-rooms	"	"	"	"	"		"								
	f Engine Sheds	"	"	"	"	"		"								
	g Small items	30,378	53,774	158	158	33		33								
VI	Telegraph															
VII	Plant															
VIII	Rolling Stock (vide Statement D.)	1477	"	Nil	0.18.0	"		"								
IX	Maintenance															
X	Establishment	83,366														
XI	Contingencies	"	"	6,072	21,801											

Chief Engineer's Office

27 January 1872

Chief Auditor

Archibald

Agent & Manager

Chief Engineer

B.

Madras

Progress Report of Large Bridges on the

Names of Bridges	Foundations	Abutments and Piers up to springing or girder level.
At 95 Miles 38 Chs. a. Percentage done b. Date of Completion		
At 107 Miles 36 Chs. a. Percentage done b. Date of Completion		
At 112 Miles 75 Chs. a. Percentage done b. Date of Completion		
Chey. ar Bridge at 135 Miles 50 Chs. a. Percentage done b. Date of Completion		
At 142 Miles 24 Chs. a. Percentage done b. Date of Completion		
At 153 Miles 32 Chs. a. Percentage done b. Date of Completion		
Cuddapah Bridge at 162 Ms. 10 Chs. a. Percentage done b. Date of Completion		
Pallavan Ka Bridge a. Percentage done b. Date of Completion		

Railway

B.

741

North West Line for the Quarter ending 31st December 1871.

Arch or section of Girders	Other items Hand Railings	Remarks
	Finished	5- 20 feet opening with wrought iron girders
	Finished	5- 47 ft. do do
	Finished	8- 20 do do
	Finished	38- 64 ft. do do
	Finished	2- 62' 10" do do
	Finished	5- 30 ft. do do
	Finished	8- 60 ft. do do
	Finished	9- 51' 10 1/4" do do

Names of Bridges	Foundations	Abutments + Piers up to springing or girder level
At 170 Miles 56 Chs. a. Percentage done b. Date of completion		
Paupugner Bridge at 174 Mo. 74 Chs. a. Percentage done b. Date of completion		
At 179 Miles 14 Chs. a. Percentage done b. Date of completion		
Yerragoodpaud Bridge at 179 Mo. 54 Chs. a. Percentage done b. Date of completion		
Matagapully Bridge at 180 Miles 49 Chs. a. Percentage done b. Date of completion		
At 196 Mo. 4 Chs. a. Percentage done b. Date of completion		
At 205 Miles 28 Chs. a. Percentage done b. Date of completion		
At 207 Miles 24 Chs. a. Percentage done b. Date of completion		

Arch or erection of Girders	Other items Hand Railings	Remarks
	Finished	7-30 feet opening with Wrought Iron Girders
	Finished	20-70 ft. do. do.
	Finished	5-50 ft. do. do.
	Finished	28-16 ft. do. do.
	Finished	7-49 ft. do. do.
	Finished	3-30 ft. do. do.
	Finished	3-31'-3 1/2" do. do.
	Finished	3-30 ft. do. do.

Names of Bridges	Foundations	Abutments + Piers up to springing or girder level
At 170 Miles 56 Chs. a. Percentage done b. Date of completion		
Paupugner Bridge at 174 Mo. 74 Chs. a. Percentage done b. Date of completion		
At 179 Miles 14 Chs. a. Percentage done b. Date of completion		
Yerragoodpaud Bridge at 179 Mo. 54 Chs. a. Percentage done b. Date of completion		
Matagapully Bridge at 180 Miles 49 Chs. a. Percentage done b. Date of completion		
At 196 Mo. 4 Chs. a. Percentage done b. Date of completion		
At 205 Miles 28 Chs. a. Percentage done b. Date of completion		
At 207 Miles 24 Chs. a. Percentage done b. Date of completion		

Arch or erection of Girders	Other items Hand Railings	Remarks
	Finished	7-30 feet opening with Wrought Iron Girders
	Finished	20-70 ft. do. do.
	Finished	5-50 ft. do. do.
	Finished	28-16 ft. do. do.
	Finished	7-49 ft. do. do.
	Finished	3-30 ft. do. do.
	Finished	3-31'-3 1/2" do. do.
	Finished	3-30 ft. do. do.

Names of Bridges	Foundations	Abutments and Piers up to springing or girder level
At 211 Miles 55 Ch. Chittaranth Bridge a. Percentage done b. State of completion		
At 215 Miles 70 Ch. a. Percentage done b. State of completion		
At 231 Miles 74 Ch. Sootoor Bridge a. Percentage done b. State of completion		
At 232 Miles 22 Ch. a. Percentage done b. State of completion		
At 233 Miles 48 Ch. Pennair Bridge a. Percentage done b. State of completion		
At 238 Miles 11 Ch. a. Percentage done b. State of completion		
At 245 Miles 30 Ch. a. Percentage done b. State of completion		
At 248 Miles 36 Ch. a. Percentage done b. State of completion		

15

Arch or erection of Girders	Other items Hand Railings	Remarks
	Finished	10-70 feet openings with wrought iron Girders
	Finished	4-30 ft do do
	Finished	4-64 ft do do
	Finished	2-64 ft do do
	Finished	24-64 ft do do
	Finished	6-30 ft do do
	Finished	3-30 ft do do
	Finished	4-64 ft do do

Names of Bridges	Foundations	Abutments Chairs up to Springing or Girder level
At 248 Miles 60 Chas. a. Percentage done b. State of completion		
At 257 Miles 72 Chs. a. Percentage done b. State of completion		
At 258 Miles 55 Chs. a. Percentage done b. State of completion		
At 263 Miles 13 Chs. a. Percentage done b. State of completion		
At 277 Miles 43 Chs. a. Percentage done b. State of completion		
At 284 Miles 70 Chs. a. Percentage done b. State of completion		
At 286 Miles 61 Chs. a. Percentage done b. State of completion		
Huggay Bridge. At 297 M. 14 Chs. a. Percentage done b. State of completion		

Arching or erection of Girders	Other items Hand Railings	Remarks
	Finished	2. 64 feet openings with wrought iron Girders
	Finished	5. 30ft. do. do
	Finished	4. 64ft. do. do
	Finished	4. 64ft. do. do
	Finished	5. 30ft. do. do
	Finished	7. 30ft. do. do
	Finished	3. 30ft. do. do
	Not commenced	34. 64ft. do. do

Names of Bridges	Foundations	Abutments & Piers up to Springing or girder level
At 285 Miles 58 Chs. Hindry a. Percentage done b. State of completion		
At 315 Miles 65 Chs. a. Percentage done b. State of completion		
At 327 Miles 18 Chs. a. Percentage done b. State of completion		
Jungahudra Bridge at 333 Mi. 51 Chs. a. Percentage done b. State of completion		

Arching or erection of Girders	Other items Hand Railings	Remarks
	Finished	3. 30 feet openings with Wrought Iron on Girders
	Finished	3. 30 feet openings do.
	Finished	3. 30 feet openings do.
	Finished	58. 64 feet openings do.

Chief Engineer's Office
27 January 1872

Wm. J. L. L. L.
Agent and Manager

Respectful Architect.
Chief Engineer. R. L.

C

Madras

57

Progress Report of Stations on the South West

Stations	a Platforms	b. Passenger buildings	c. Goods shed
Nil		Nil	D

P.W. 597/72

Chief Engineer's Office }
27th January 1872

B

Madras

Progress Report of Large Bridges on the

Names of Bridges	Foundations	Abutments & Piers up to springing or girder level
At 11 Miles 7 Chains. Vorkah a. Percentage done b. State of Completion	Finished	65% 31 st March 1873
At 5 Miles 29 Chains. Vorkah a. Percentage done b. State of Completion	60%	25% 31 st March 1873
At 10 Miles 11 Chains Vorkah a. Percentage done b. State of Completion	75%	40% 31 st March 1873
At 12 Miles 3 Chains. Vorkah a. Percentage done b. State of Completion	30%	20% 31 st March 1873
At 5 Miles 68 Chains. Vorkah a. Percentage done b. State of Completion	Not commenced as yet.	
At 6 Miles 46 Chains. Vorkah a. Percentage done b. State of Completion	do.	do.
At 19 Miles 4 Chains. Vorkah a. Percentage done b. State of Completion	20%	4.00% 31 st March 1873
At 21 Miles 20 Chains. Nullah. a. Percentage done b. State of Completion	30%	5.00% 31 st March 1873
At 21 Miles 76 Chains. Nullah. a. Percentage done b. State of Completion	30%	6.00% 31 st March 1873
At 24 Miles 46 Chains. Nullah. a. Percentage done b. State of Completion	Not commenced as yet.	

Chief Engineer's Office
27th January 1872

Railway

B

159

Nilgerry Branch Line for the Quarter ending 31st December 1871

Arching or erection of Girders	Other items	Remarks
		Four 65 feet openings with wrought iron Girders * one abutment up to girder level, and another up to neat work.
		Double 65 feet openings with wrought iron Girders * one abutment & Pier to the bottom of girder level * South abutments and Piers laid
		Double 65 feet openings with wrought iron Girders * 2 abutments finished up to the bottom of girder level * Both abutments laid
		Double 65 feet openings with wrought iron Girders * one abutment under progress * South abutment laid
		Three 50 feet openings with wrought iron Girders
		Triple 30 feet openings with wrought iron Girders
		Four 65 feet openings with wrought iron Girders * Abutment founded * do laid
		Single 20 feet Arch * Abutment founded * do laid
		Single 12 feet Arch * Abutment founded * do laid
		Single 9 feet openings with wrought iron Girders

W. J. Hunter
Agent and Manager
Chief Engineer

Railway C.

12
61

Line for the Quarter ending 31st December 1871

d Watering arrangement	8 Staff Quarters	7 Engine Shed	9 Small sterns	Remarks
Nil				

W. J. L. (Agent and Manager) Messrs Andrew & Co. Chief Engineer

C.

Madras

Progress Report of Stations on the Neilgherry

Names of Stations	a Platform	b Passenger Buildings	c Goods Shed
Tudialoor Station at 4 1/2 Miles S. Chinn			
a. Percentage done	"	"	"
b. Date of completion	"	"	"
Karamad Station at 2 1/2 Miles S. Chinn			
a. Percentage done	40	"	"
b. Date of completion	31 st March 72		
Coimbatore Station			
a. Percentage done	Not commenced		
b. Date of completion			
Cothamoor Station			
a. Percentage done	do.		
b. Date of completion			

Chief Engineer's Office
January 1872

Railway

C.

65

Branch Line for Quarter ending 31st December 1871.

d. Watering Arrangements	e. Staff Quarters	f. Engines	g. Small Items	Remarks
"	"	"	"	
"	"	"	"	
"	"	"	"	
as yet.				
do.				

W. J. K. L. K. L.
Agent and Manager

Respectful Assistant
Chief Engineer

Description	Number Constructed	Number Erected during Calendar Year	Building or under construction at end of quarter		Amount at Close of quarter	Amount at End of quarter	Balance to carry in next	Remarks
			During Quarter	To end of quarter				
Locomotives	126	126						
Tenders	106	106						
Sleeping Carriages	4	4						
1st Class do	22	15						
2 ^d do	57	55						
3 ^d do	5	-						
3 ^d do	30	30						
3 ^d do	207	146			25			
Coaly Glass or Covered Carriages	25	25						
2 ^d Class Upper Stoid "	2	2						
Composite Carriages	31	26						
Night Composite Carriages	16	6						
Engineers Inspection Carriage with 8 Brakes	1	1						
Passengers Luggage Vans	25	25						
Carriage Trucks	30	20						
Horse Boxes	50	30						

1875

P. W. 597/72

P. W. 597/72

Read 1st July/72
with No 43648 29 July/72

73

P. W. 597/72

Read 1st July/72
with No 354829 9 Aug/72

D.

Form No. 233.)

GREAT SOUTHERN OF INDIA RAILWAY.

General Progress Report of work in Erecting and Building Locomotive and Rolling Stock for quarter ending 31st December 1871

	Number Sanctioned.	Number erected up to 30 th Sept. 1871	NUMBER ERECTED DURING CURRENT YEAR.		Building or under erection at end of quarter.	Arrived at Shops during quarter.	Arrived at Port during quarter.	Balance to arrive in Port.	Remarks.
			During quarter.	To end of quarter.					
Locomotive Engines and Tenders ...	21	20	1	1	1				
Composite Carriages ...	7	7	1	2	1				
2nd Class do. ...	2	2	1	1	1				
3rd do. do. ...	34	34	1	1	1				
Passengers Brake Vans...	8	7	1	1	1				
Horse Boxes ...	3	3	1	1	1				
Carriage Trucks ...	1	1	1	1	1				
Goods Brake Vans ...	4	4	1	1	1				
Covered Goods Waggons ...	166	148	1	24	17				
Ballast Waggons ...	50	50	1	1	1				
Open Goods do. ...	50	50	1	1	1				
Timber Trucks ...	4	4	1	1	1				
Gunpowder Vans ...	1	1	1	1	1				
Salt Trucks ...	25	25	1	1	1				
High Sided Open Trucks ...	50	50	1	1	1				
Sets of Iron work (Carriages) ...									
Do. (Waggons) ...									
<i>Iron work drawn from General stores in complete sets</i>									
						None			

Loco. and Car. Supt's. Office,
 Negapatam 20th January 1872.

William B. ...
 agent

Richard ...
 Loco. and Car. Supt.

Madras Railway Company
Chief Engineer's Office
Madras 30th January 1872.

Brief descriptive report submitted with
Progress report for quarter ending
31st December 1871.

Kilgherry Branch Line.

Earthwork. This item refers to Earthwork in Cuttings
and embankments and rock cutting at
the 15th and 21st miles.

Small Bridges
Large Bridges } Under these headings the expenditure
on excavation of foundations and on
masonry is included.

Fencing.

The expenditure on ditch and
mound fencing at 9, 10, 17 and 21 miles,
planting along at 13, 14 and 21 miles and
on Horn fence at the junction is included
under this head.

Other items

These include Engineer's bungalow,
Engineer's office, Making Petty Roads,
Contingent Establishment and extra
earthwork in road approaches and extra
drains.

Ballast
Permanent way

This refers to the ballast spread at the 16th and 17 miles.
Under this head are the charges for
loading and laying Permanent way for
3 miles of Railway.

Platforms.

This includes the Platforms at
Combatore, Tindivanam and Karamad
Stations and the back verandah and
Platform at Pothanore station.

This includes the station houses and Passenger Buildings native urinals, at Coimbatore, Tudiator, and Karamady stations, also the extra accommodation for Station Master at Coimbatore.

This includes the well staging, Watering Arrangements, water column and taking up and relaying piping from Tank house to water column at Pothanore station.

These include the doubling of Small items the main line between Royal Bridge and Pothanore station, the extra siding in the station yards at Pothanore station and the miscellaneous works at Karamady, Tudiator and Coimbatore stations.

South West Line

The expenditure under this head Large Bridges is due to the foot paths and hand rails which have been put on the most important girder bridges to facilitate their inspection in stormy weather.

This refers to the wire fencing Fencing now being erected along 5 miles of the line between Choranoor and Perungaddy in consequence of the failure of the Aloe fence at that locality.

These consist of the Boundary Small items wall and alteration of platform at New Central Station.

North West Line.

Large Bridges.

This refers to the foot paths and hand rails which have been put on the most important girder bridges... also the new Bridge over the Kuegry river to which sanction was accorded in G. O. dt. 29.11. dated 16th November 1891.

Platforms

This refers to the covered platform at Raichore station, and the open platform at the Longabudra river.

Passenger Buildings.

These include the station ^{houses}, urinals, Refreshment Room and godown at Raichore station and the station houses at the Longabudra river.

Goods Shed.

The Goods shed and platform and the salt godown at Raichore station are included in this item.

Watering Arrangements.

These include the following works at Raichore station viz: track-out cock in Engine shed, well staging, water column, Piping and laying-do, and Tank house. Also the additional well staging at Ghoshy station.

Staff Quarters

Under this item are included the following buildings at Raichore station viz: Staff Bungalow, Station Master's Bungalow, Apothecary, Double Engine Drivers, Single Engine Drivers, 2 Firemen's, Telegraph Signaller's, Guards and Permanent Way Inspectors Bungalows.

P. No. 597/12

Also the Permanent Way Inspectors' bungalows at Ghooky, Goondacub and Bellary, the Telegraph Signaller's bungalows at Ghooky and the station masters' bungalow at Adoni.

The Engine and Carriage sheds Engine shed at Raichore are the works referred to herein.

Under this heading are included Small items the following works at Raichore, viz: shear legs, Double Engine Pit, 2 Blowing off pits, Engine and Carriage turntables, weigh-bridge, 6 Scotch blocks, 8 signals, weigh-bridge office, Deputy Postmaster's Bungalow, Cash Godown and miscellaneous works. also signals at Goondacub junction and Songahadra river, Engineer's store and workshop at Bellary and Post Office at Goondacub.

/s/ Beresford Anderson
Chief Engineer.

/True Copy/

[Signature]
Agent and Manager

Comptroller

Railway Department.

Consulting Engineer's Office

No. 54

From,

Major R. L. Prendergast, R.E.,
Ag. Cons. Engineer for Railways

To,

Colonel J. Carpenter, R.E.,
Secretary to Government
Public Works Department.
Fort Saint George.

Sir,

I have the honour to forward, for submission to the Government of India, the report of progress made in the construction of the Madras and Great Southern of India Railways for the quarter ended 31st December 1871.

2. As the extension works of the Great Southern Line were not yet commenced, there is no separate report, as called for by the Government of India in their letter of 23rd June 1871.

I have the honour to be

Sir

Your most obedient servant
[Signature] Major, R.E.,
Ag. Cons. Engineer for Railways.

Madras
2nd February 1872 }

Recd July 11 1872

No. 1872 Dept
H. 597
The Ag. Can. Secy.
for Ind.
The Secy. to Govt.
W.D. 27 Feb 1872
H. 597
Enc. 11
Forwarding
Progress Report
of the Maori
& G.S. of Ind.
for the Quarter
ending 31 Dec.
1871
No. 581-582-4. March 72
With an order

No. 581.

Ordered that these papers be forwarded

to the Govt of India.

To the Secy. of India / Docket No. 582 of

Despatch 6/3/72
Govt of India

Copy of the above forwarded to the

Despatch 6/3/72
Shant.

[Signature]