M.R.O. 1—10,006—28-2-50.

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. / B.P.—No:	588-89 (Pg)	Press / Mis.—
		C876
Dated	6 - 3 -	—195—

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 6th March 1874.

No. 142. Read the following letter from Lieutenant-Colonel J. H. M SHAW-STEWART, R.E., Consulting Engineer for Railways, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 11th February 1874, No. 86 :—

I HAVE the honour to submit herewith, for transmission to the Government of India, Statements A, B, C, and D, showing the progress made on works in connection with the Southern Extension of the Great Southern of India Railway, for the quarter ended 31st December 1873, together with a brief descriptive report by the Chief Engineer.

2. I solicit special attention to that part of Mr. Logan's report, headed "Large Bridges," in which he alludes to the bridge, situated near the starting point of the Southern Extension, which has not yet been begun on account of the long continued uncertainty with regard to the junction arrangements. It will be seen that the site of the bridge in question is within a large tank, and that work can be carried on during the next three months, with advantage and economy, while the tank is dry. Upon this point I beg to refer to my letters noted in the margin.

No. 645, dated 2nd December 1873.
,, 69, ,, 4th February 1874.
,, 76, ,, 5th ,, ,,

From the Chief Engineer, to the Agent of the Great Southern of India Railway, dated Trichinopoly, 15th January 1874, No. 198.

HEREWITH I have the pleasure to forward, in the usual tabular form, my progress report for quarter ending 31st December, in addition to this I would make the following remarks.

2. *Earthwork.*—This is practically completed throughout the line, with the exception of a few isolated chains where rock cuttings have been met with, and gaps which have been left for the construction of the few remaining minor bridges and culverts still to be taken in hand.

3. *Minor Bridges and Culverts.*—It will be seen from the statement that sixteen of these are all that remain to be put in hand ; and as they consist almost entirely of culverts containing only a few yards each of masonry, the end of the next quarter will, I hope, see these all completed.

4. *Large Bridges.*—The detailed statement shows clearly the state in which these now are. The one bridge still remaining to be taken in hand is the same that I referred to in my last report as the one at the commencement of the line, and I am still awaiting instructions about the junction with the open line to enable me to commence this. It is situated in a large tank, which for six months in the year has a good deal of water in it, and it would be a great advantage if the foundations could be put in, during the next three months, when the tank would be dry. As noted in the statement, I estimate that the whole of the remaining large bridges will be completed to girder bed level by June 1874, and now that some of the girders have been received, I hope to be able to report some of them fixed by the end of next quarter.

5. *Fencing.*—Live fencing is being proceeded with wherever practicable ; but, owing to the approaching dry season, I do not estimate much progress will be made with this until rain comes again.

6. *Ballast and Permanent-way.*—I am still of the same opinion as when I sent in my last quarterly report, viz., that the laying of permanent-way might be proceeded at a greater rate of speed than at present were the material available.

7. *Station and Buildings.*—Three of these have been commenced, and within the next quarter I hope that the greater part of the remainder will be in hand.

ENGINEERING DEPARTMENT.

B.—Progress Report of Large Bridges in Southern Extension from Trichinopoly to Tuticorin, 215 Miles 1 Chain, for quarter ending 31st Dec., 1873.

Names of Bridges.	Foundations.	Abutments and Piers up to Springing or Girder level.	Arching or erection of Girders.	Other Items.	Remarks.
District No. 1.—Corayaur at 3 miles 43 chains—	.....	.....	.....	.....	5·30 feet girders.
Percentage done	100	95	.....	.....	Date of completion depends upon date of arrival of girders.
Date of completion	.....	.....	.....	.....	
District No. 1.—Bridge at 4 miles 2 chains 61 links—	.....	.....	.....	.....	4·20 feet girders.
Percentage done	100	95	.....	.....	Date of completion depends upon date of arrival of girders.
Date of completion	.....	.....	.....	.....	
District No. 2.—Bridge at 9 miles 51 chains—	.....	.....	.....	.....	3·20 feet girders.
Percentage done	100	100	.....	.....	Date of completion depends upon date of arrival of girders.
Date of completion	.....	.....	.....	.....	
District No. 2.—Bridge at 2 miles 41 chains—	.....	.....	.....	.....	4·20 feet girders.
Percentage done	100	88	.....	.....	
Date of completion	.....	31st Jan. 1874 ...	.....	.....	
District No. 3.—Bridge at 1 mile 45 chains—	.....	.....	.....	.....	5·20 do.
Percentage done	100	89	.....	.....	
Date of completion	.....	31st Jan. 1874 ...	.....	.....	
District No. 3.—Bridge at 9 miles 40 chains—	.....	.....	.....	.....	1·70 do.
Percentage done	100	84	.....	.....	
Date of completion	.....	30th June 1874...	.....	.....	
District No. 3.—Bridge at 14 miles 45 chains 89 links—	.....	.....	.....	.....	3·30 do.
Percentage done	100	72	.....	.....	
Date of completion	.....	28th Feb. 1874...	.....	.....	
District No. 4.—Cullaur Nullah at 5 miles 70½ chains—	.....	.....	.....	.....	2·30 do.
Percentage done	100	80	.....	.....	
Date of completion...	.....	31st Jan. 1874 ...	.....	.....	
District No. 4.—Mooloopady river at 8 miles 42 chains 70 links—	.....	.....	.....	.....	6·30 do.
Percentage done	100	93	.....	.....	Date of completion depends upon date of arrival of girders.
Date of completion...	.....	.....	.....	.....	
District No. 5.—Anavurloothan Nullah at 3 miles 8 chains 96 links—	.....	.....	.....	.....	3·20 feet arches.
Percentage done	100	100	100	.....	Completed with exception of stone caps to piers.
Date of completion	.....	.....	.....	.....	
District No. 7.—Vigay Bridge at 5 miles 13 chains—	.....	.....	.....	.....	15·70 feet girders.
Percentage done	50	.....	.....	.....	
Date of completion	.....	August 1874 ...	.....	.....	
District No. 8.—Goondaur Bridge at 5 miles 51 chains 50 links—	.....	.....	.....	.....	7·30 do.
Percentage done	100	100	.....	.....	Date of completion depends upon date of arrival of girders.
Date of completion	.....	.....	.....	.....	
District No. 8.—Shevicotay Bridge at 10 miles 40 chains 49 links—	.....	.....	.....	.....	6·30 feet girders.
Percentage done	50	30	.....	.....	
Date of completion	.....	June 1874 ...	.....	.....	
District No. 8.—Bridge at 14 miles 10 chains 80 links—	.....	.....	.....	.....	2·30 feet girders.
Percentage done	100	100	.....	.....	Date of completion depends upon date of arrival of girders.
Date of completion	.....	.....	.....	.....	
District No. 9.—Viruduputty river at 7 miles 31 chains 58 links—	.....	.....	.....	.....	9·30 feet girders.
Percentage done	100	60	.....	.....	
Date of completion	.....	June 1874 ...	.....	.....	
District No. 9.—Kalingapoory at 13 miles 72 chains—	.....	.....	.....	.....	4·20 feet girders.
Percentage done	100	90	.....	.....	Date of completion depends upon date of arrival of girders.
Date of completion	.....	31st Jan. 1874 ...	.....	.....	
District No. 9.—Vuchacaraputty at 14 miles 2 chains—	.....	.....	.....	.....	3·20 feet girders.
Percentage done	100	90	.....	.....	Date of completion depends upon date of arrival of girders.
Date of completion	.....	31st Jan. 1874 ...	.....	.....	

B.—Progress Report of Large Bridges in Southern Extension from Trichinopoly to Tuticorin, etc.—(Concluded.)

Names of Bridges.	Foundations.	Abutments and Piers up to Springing or Girder level.	Arching or erection of Girders.	Other Items.	Remarks.
District No. 10.—Bridge at 6 miles 35 chains 46 links—	.....	.....	.....	.....	5·50 feet girders.
Percentage done	100	.....	.....	.....	
Date of completion	.....	March 1874 ...	.....	.....	
District No. 10.—Bridge at 2 miles 23 chains—	.....	.....	.....	.....	5·70 do.
Percentage done	33	.....	.....	.....	
Date of completion	May 1874...	July 1874 ...	.....	.....	
District No. 10.—Bridge at 8 miles 31 chains 14 links—	.....	.....	.....	.....	12 70 do.
Percentage done	31	.....	.....	.....	
Date of completion	May 1874...	July 1874 ...	.....	.....	
District No. 10.—Bridge at 8 miles 64 chains—	.....	.....	.....	.....	1·70 do.
Percentage done	100	.....	.....	.....	
Date of completion	.....	March 1874 ...	.....	.....	
District No. 10.—Bridge at 12 miles 35 chains 52 links—	.....	.....	.....	.....	3·20 do.
Percentage done	100	50	.....	.....	
Date of completion	.....	February 1874 ...	.....	.....	
District No. 11.—Nulli Bridge at 73 chains 25 links—	.....	.....	.....	.....	4 30 do.
Percentage done	100	90	.....	.....	Date of completion depends upon arrival of girders.
Date of completion...	.....	31st Jan. 1874 ...	.....	.....	
District No. 12.—Bridge at 2 miles 2 chains 37 links—	.....	.....	.....	.....	3·20 feet girders.
Percentage done	100	100	.....	.....	Date of completion depends upon date of arrival of girders.
Date of completion...	.....	.....	.....	.....	
District No. 12.—Bridge at 3 miles 27 chains 15 links—	.....	.....	.....	.....	3 20 feet girders.
Percentage done	100	100	.....	.....	Date of completion depends upon date of arrival of girders.
Date of completion	.....	.....	.....	.....	
District No. 13.—Kurthapillie Nuttum Nullah at 2 miles 45 chains 78 links—	.....	.....	.....	.....	3·50 feet girders.
Percentage done	100	90	.....	.....	Date of completion depends upon date of arrival of girders.
Date of completion	.....	31st Jan. 1874 ...	.....	.....	
District No. 13.—Shonamungalum Nullah at 3 miles 66 chains 75 links—	.....	.....	.....	.....	4·50 feet girders.
Percentage done	100	100	.....	.....	Date of completion depends upon date of arrival of girders.
Date of completion...	.....	.....	.....	.....	
District No. 14.—Bridge at 2 miles 45 chains 69 links—	.....	.....	.....	.....	3·20 feet girders.
Percentage done	100	100	.....	.....	Date of completion depends upon date of arrival of girders.
Date of completion...	.....	.....	.....	.....	
District No. 14.—Chittaur Bridge at 5 miles 9 chains—	.....	.....	.....	.....	10·70 feet girders.
Percentage done	64	.....	.....	.....	
Date of completion...	.....	30th June 1874...	.....	.....	

TRICHINOPOLY,
15*th January* 1874.

(Signed) W. S. BETTS,
Agent.

(Signed) F. F. SMITH,
for *Chief Engineer.*

Proceedings of the Madras Government, Public Works Department, 6th March 1874.

ENGINEERING DEPARTMENT.

C.—Progress Report of Stations of Southern Extension from Trichinopoly to Tuticorin, 215 Miles 1 Chain, for Quarter ending 31st Dec. 1873.

Names of Stations.	(a) Platforms.	(b) Passengers' Buildings.	(c) Goods Sheds.	(d) Watering arrangements.	(e) Staff Quarters.	(f) Engine Sheds.	(g) Small Items.
District No. 1.—Trichinopoly Station—							
Percentage done	55	3	.....	.....	.....	.....	.....
Date of completion	Feb. 1874.	June 1874.	.....	.....	.....	.....	.....
District No. 4.—Dindigul Station—							
Percentage done	95	5	.....	.....	.....	.....	.....
Date of completion... ...	15th Jan. 1874.	April 1874.	.....	.....	.....	.....	.....
District No. 13.—Tuticorin Station—							
Percentage done	.....	.....	.....	.....	.....	.....	505 Cubic yards of masonry in compound wall.
Date of completion... ...	.....	.....	.....	.....	.....	.....	

TRICHINOPOLY,
15th January 1874.

(Signed) W. S. BETTS,
Agent.

(Signed) F. F. SMITH,
for *Chief Engineer.*

D.—General Progress Report of Work in Erecting and Building Locomotive and Rolling Stock for Quarter ending 31st December 1873.

—	Number Sanctioned.	Number erected.	Number erected during current year. During Quarter.	Number erected during current year. To end of Quarter.	Building or under erection at end of Quarter.	Arrived at Shops during Quarter.	Arrived at Port during Quarter.	Balance to arrive in Port.
Locomotive Engines and Tenders	30	...	...	...	...	...	...	...
Composite Carriages	8							
2nd Class do.	.....							
3rd do. do.	50							
Passengers' Brake Vans	12							
Horse-boxes	6							
Carriage Trucks	2							
Goods Brake Vans	6							
Covered Goods Wagons	150							
Ballast Wagons	50							
Open Goods do.	.....							
Timber Trucks	9							
Gun-powder Vans	1							
Salt Trucks	40							
High-sided Open Trucks	100							
Sets of Iron-work (Carriages)	.....							
Do. (Wagons)	.....							
Cotton Trucks	100							
5-ton Travelling Crane...	1							

NEGAPATAM.
21st January 1874.

(Signed) W. S. BETTS,
Agent.

(Signed) E. G. SHEWARD,
Loco. and Car. Supdt.

Proceedings of the Madras Government, Public Works Department, 6th March 1874.

No. 143. ORDER THEREON, 6th March 1874, No. 588.

RAILWAY, No. 11.

ORDERED that the Progress Report submitted with this letter be forwarded to the Government of India.

2. Separate orders have been passed on the letters from the Consulting Engineer for Railways, Nos. 69 and 76, of the 4th and 5th February, respectively.

(Her enter No. 589, dated 6th March 1874.)

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Consulting Engineer for Railways.

Ex'd. E. C. Shunker.
Spare Copies

Govt. of 1874 Madras

PUBLIC WORKS.

THE CONSULTING ENGINEER

FOR RAILWA

Dated March 6th.

Recd. *Encl.*

G. O., 6th March 1874, No. 588.

MARCH.

Nos. 142-143

Great Southern of India Railwa
The Progress Report of works in
nection with the Southern Extensio
the Great Southern of India Railway
the quarter ending 31st December 1
ordered to be forwarded to the Go
ment of India.

13

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, *6th March* 1874.

No. 144. No. 589.

From

COLONEL G. W. WALKER, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

RAILWAY, No. 12.

SIR,—In continuation of my letter No. 12, dated 7th January 1874, I am directed by His Excellency the Governor in Council to submit the Progress Report in connection with the Southern Extension of the Great Southern of India Railway for the quarter ending 31st December 1873, together with a brief descriptive report by the Chief Engineer of the Company.

2. It will be seen from the correspondence accompanying my letter No. 445, dated 23rd Feb. 1874, that the Board of Directors have approved of the junction arrangements at the Trichinopoly Station which have already been recommended to the Government of India, and it is now hoped that no further delay may be allowed to retard the progress of the works, the most important of which is the large bridge referred to by the Chief Engineer at the commencement of the line.

I have the honour to be,
Sir,
Your most obedient servant,

Colonel, R.E.,
Secretary to Government.

Exd. E. C. Shunker.
Spare Copies

17

Railway Department. CONSULTING ENGINEER'S OFFICE.

No. 86.

From

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

Consulting Engineer for Railways,

To

COLONEL G. W. WALKER, R.E.,

Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

I have the honour to submit herewith, for transmission to the Government of India, statements A, B, C, and D, shewing the progress made on works in connection with the Southern Extension of the Great Southern of India Railway for the quarter ended 31st December 1873, together with a brief descriptive report by the Chief Engineer.

2

2 I solicit special attention to that part of Mr. Logan's report, headed "Large Bridges", in which he alludes to the bridge, situated near the starting-point of the S. Southern Extension, which has not yet been begun on account of the long-continued uncertainty with regard to the junction arrangements. It will be seen that the site of the bridge in question is within a large tank, and that work can be carried on during the next three months with advantage and economy, while the tank is dry. Upon this point I beg to refer to my letters noted in the margin.

× No. 6345 dated 22nd Decr. 1873
× No. 69 dated 11th Febry 1874
× No. 96 dated 5th Febry 1874

I have the honour to be,
Sir,
Your most Obdt Servant
W. Stewart M. Inst. C.E.

Thomas Gibbs Esqre Secretary
Railways

× C.E. 697 Enclosure
○ C.E. 711 — Do. — Do.

P. W. 1874 No. 1142
Progress Report for Month ending
31st December 1874

RAILWAY DEPARTMENT.

From — The Consulting Engineer for Railways,

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

No. 588-589-590 dated 11th February 1874
Dated 11 " "
Rcvd. 12 " "

No. 86

Submitting statements showing the progress of construction on the Southern Section of the Great Southern of India Railway for December 1874.

Copy with Enclosures forwarded to the Chief Engineer for information.

No. 1142 dated 31st Dec. 1874

Great Southern of India Railway 21

3

Letter from the Chief Engineer to the Agent dated Trichinopoly 15th January 1875 No 198.

Herewith I have the pleasure to forward in the usual tabular form my Progress Report for Quarter Ending December 31st: in addition to this I would make the following remarks:—

Earthwork. This is practically completed throughout the Line, with the exception of a few isolated chains where rock cuttings have been met with and gaps which have been left for the construction of the few remaining Minor Bridges and Culverts still to be taken in hand

Minor Bridges & Culverts. It will be seen from the Statement that 16 of these are all that remain to be put in hand; and as they consist almost entirely of Culverts containing only a few yards each of Masonry the end of the next quarter will I hope see these all completed

Large Bridges. The detailed Statement shows clearly the state in which these now are. The one bridge still remaining to be taken in hand is the same that I referred to in my last report as the one at the commencement of the Line and I am still awaiting instructions about the junction with the Opened Line to enable me to commence this. It is situated in a large tank which for six months in the year has a good deal of water in it and it would be a great advantage if the foundations could be put in during the next three months when the Tanks would be dry. As noted in the Statement I estimate that the whole of the remaining Large Bridges will be completed to Girder bed level by June 1875 and now that some of the Girders have been received I hope to be able to report some of them fixed by the

the end of next quarter.
Tunnel and Mining is being proceeded with
Reserve Tracks as by last ring & the approaching
Wet season I do not estimate much progress will
be made with this until rain comes again
Ballast & Permanent Way I am able to the same
extent as when I returned my last quarterly report
viz: that the laying of Permanent Way might be proceeded
at a greater rate if good Road Metal & Gravel were
the material available
Station & Buildings Three of these have been
commenced and within the next quarter I hope
that the greater part of the remainder will be
in hand

(True copy)
Wm Callaghan
Chief Clerk

	Names of Bridges	Remarks
District No 7	Vyfay Bridge at 5 Miles 13 chains	
	Percentage done	50
	Date of completion	"
do: — 8	Goondas Bridge at 5 Miles 51 chains 50 Links	"
	Percentage done	100
	Date of completion	"
do: — 8	Shwicotay Bridge at 10 Miles 40 chains 40 Links	"
	Percentage done	50
	Date of completion	"
do: — 8	Bridge at 14 Miles 10 chains 80 Links	"
	Percentage done	100
	Date of completion	"
do: — 9	Virdupetty River at 7 Miles 31 chains 38 Links	"
	Percentage done	100
	Date of completion	"
do: — 9	Kalingapoorry at 13 Miles 72 chains	"
	Percentage done	100
	Date of completion	"
do: — 9	Vuchacarapetty at 14 Miles 2 chains	"
	Percentage done	100
	Date of completion	"
do — 10	Bridge at 6 Miles 35 chains 46 Links	"
	Percentage done	100
	Date of completion	"
do — 10	Bridge at 2 Miles 23 chains	"
	Percentage done	33
	Date of completion	May 1874
do — 10	Bridge at 8 Miles 31 chains 11 Links	"
	Percentage done	31
	Date of completion	May 1874
do — 10	Bridge at 8 Miles 64 chains	"
	Percentage done	100
	Date of completion	"
do — 10	Bridge at 12 Miles 35 chains 32 Links	"
	Percentage done	100
	Date of completion	"

B

Great Southern & India Railway.

Engineering Department.

Progress Report of Large Bridges in Southern Extension from Tuticorin to Tuticorin 215 Miles 4 Chain for Quarter Ending 31st December 1873

Names of Bridges	Foundations	Abutments & Piers up to Springing or Girder Level	Arching or Erection of Girders	Other Items	Remarks.
District No: 1 Coreyaur at 3 Miles 43 Chains					5:30 Feet Girders
Per centage done	100	95	"	"	Date of completion depends upon date of arrival of girders.
Date of completion	"	"	"	"	4·20 Feet Girders
do " 1 Bridge at 4 Miles 2 chains 61 Links					
Per centage done	100	95	"	"	Date of completion depends upon date of arrival of girders.
Date of completion	"	"	"	"	3·20 Feet Girders
do " 2 Bridge at 9 Miles 51 Chains					
Per centage done	100	100	"	"	Date of completion depends upon date of arrival of girders.
Date of completion	"	"	"	"	4·20 Feet Girders
do " 2 Bridge at 2 Miles 41 Chains					
Per centage done	100	88	"	"	
Date of completion	"	31st January 74	"	"	5·20 Feet Girders
do " 3 Bridge at 1 Mile 45 Chains					
Per centage done	100	89	"	"	
Date of completion	"	31st January 74	"	"	1·70 Feet Girders
do " 3 Bridge at 9 Miles 40 Chains					
Per centage done	100	84	"	"	
Date of completion	"	30th June 1874	"	"	3·30 Feet Girders
do " 3 Bridge at 14 Miles 45 chains 89 Links					
Per centage done	100	72	"	"	
Date of completion	"	28th February 74	"	"	2·30 Feet Girders
do " 4 Cullas Nullah at 5 Miles 70 2 chains					
Per centage done	100	80	"	"	
Date of completion	"	31st January 74	"	"	6·30 Feet Girders
do " 4 Manapaddy River at 8 Ms: 42 chs: 50 Links					
Per centage done	100	93	"	"	Date of completion depends upon date of arrival of girders.
Date of completion	"	"	"	"	3·20 Feet Arches
do " 5 Amaravathan Nullah at 3 Ms: 8 chs: 96 Lks					
Per centage done	100	100	100	"	Completed with exception of Stone cope to Pier.

Amount of Contract Up to Spring or Girders Landed	Archives of Erecting Girders	Other Items	Remarks
			15.70 Feet Girders 33
			7.30 Ft Girders
100			} Date of completion depends upon date of arrival of Girders.
			6.30 Feet Girders
30			
June 1874			2.30 Feet Girders
			} Date of completion depends upon date of arrival of Girders.
100			
			9.30 Feet Girders
60			
June 1874			4.20 Feet Girders
90			} Date of completion depends upon date of arrival of Girders.
1st January 1874			3.20 Feet Girders
90			} Date of completion depends upon date of arrival of Girders.
1st January 74			5.30 Feet Girders
March 1874			5.70 Feet Girders
July 1874			12.70 Feet Girders
July 1874			1.70 Feet Girder
March 1874			3.20 Feet Girders.
50			
February 1874			

Name of Bridge	Foundations	Abutments and Piers up to Springing of Girders Level	Arching or Erection of Girders	Other Items		Remarks
						4·30 Feet Girders
No. 11 Nullah Bridge at 0 Mls 73 chains 25 Links						Date of completion depends upon arrival of Girders.
Per centage done	100	90				3·20 Feet Girders
Date of completion		31 January 1874				
do. 12 Bridge at 2 Mils 2 chains 34 Links		100				Date of completion depends upon date of arrival of Girders
Per centage done	100					3·20 Feet Girders
Date of completion						
do. 12 Bridge at 3 Mils 24 chains 15 Links		100				Date of completion depends upon date of arrival of Girders
Per centage done	100					3·50 Feet Girders
Date of completion						
do. 13 Kunshapillie Nullah Nullah at 2 Mls 45 chs 78 Lks						Date of completion depends upon date of arrival of Girders
Per centage done	100	90				4·50 Feet Girders
Date of completion		31 January 74				
do. 13 Shoranimigalum Nullah at 3 Mls 66 chs 75 Lks		100				Date of completion depends upon date of arrival of Girders
Per centage done	100					3·20 Feet Girders
Date of completion						
do. 14 Bridge at 2 Mils 45 chains 69 Links		100				Date of completion depends upon date of arrival of Girders
Per centage done	100					10·40 Feet Girders.
Date of completion						
do. 14 Chittaur Bridge at 5 Miles 9 chains						
Per centage done	64	30 June 1874				
Date of completion						

Chief Engineer's Office
Fort St. George 15th January 1874

Francis F. Smith
F. Chief Engineer

William Betts
Agent

Great Southern of India Railway
Engineering Department

C

Report of Stations of Southern Extension from Trichinopoly to Tuticorin. 215 Miles 1 Chains for Quarter ending 31st December 1873.

Progress	Name of Stations	(a) Platforms	(b) Passenger Buildings	Goods Sheds	(d) Watering arrangements	Staff Quarters	(f) Engine Sheds	(g) Small Stations	Remarks.
Contract No 1	Trichinopoly Stations								
	Percentage done	55	3						
	Date of completion	February 1874	June 1874.						
No 4.	Puddigai Station.								
	Percentage done.	95	5						
	Date of completion	15 January 74	April 1874.						525 C yards of Masonry in Compound Wall.
No 13.	Tuticorin Stations								
	Percentage done								
	Date of completion								

Chief Engineers Office
Trichinopoly 15 January 1874

William Bell
Agent

Francis J. Spratt
for Chief Engineer

(Form No. 233.)

D

GREAT SOUTHERN OF INDIA RAILWAY.

General Progress Report of work in Erecting and Building Locomotive and Rolling Stock for quarter ending 31st December 1872.

	Number Sanctioned.	Number erected up to	Number erected during current year: During quarter.	Number erected during current year: To end of quarter.	Building or under erection at end of quarter.	Arrived at Shops during quarter.	Arrived at Port during quarter.	Balance to arrive in Port.	Remarks.
Locomotive Engines and Tenders	20	Nil	Nil		Nil	Nil	Nil	Nil	
Composite Carriages	8	Nil	Nil		Nil	Nil	Nil	Nil	
2nd Class do.	"	Nil	Nil		Nil	Nil	Nil	Nil	
3rd do. do.	50	Nil	Nil		Nil	Nil	Nil	Nil	
Passengers Brake Vans...	15	Nil	Nil		Nil	Nil	Nil	Nil	
Horse Boxes	6	Nil	Nil		Nil	Nil	Nil	Nil	
Carriage Trucks	2	Nil	Nil		Nil	Nil	Nil	Nil	
Goods Brake Vans	6	Nil	Nil		Nil	Nil	Nil	Nil	
Covered Goods Waggons	150	Nil	Nil		Nil	Nil	Nil	Nil	
Ballast Waggons	50	Nil	Nil		Nil	Nil	Nil	Nil	
Open Goods do.	"	Nil	Nil		Nil	Nil	Nil	Nil	
Timber Trucks	9	Nil	Nil		Nil	Nil	Nil	Nil	
Gunpowder Vans	1	Nil	Nil		Nil	Nil	Nil	Nil	
Salt Trucks	40	Nil	Nil		Nil	Nil	Nil	Nil	
High Sided Open Trucks	100	Nil	Nil		Nil	Nil	Nil	Nil	
Sets of Iron work (Carriages)	"	Nil	Nil		Nil	Nil	Nil	Nil	
Do. (Waggons)	"	Nil	Nil		Nil	Nil	Nil	Nil	
Cattle Trucks	100	Nil	Nil		Nil	Nil	Nil	Nil	
Two Van Travelling Crane	1	Nil	Nil						

Signed E. G. Sheppard
Loco. and Car. Suptt.

William Scott

Loco. and Car. Supt's. Office,
Negapatam 31st December 1872.

6-7
6-86 Public Works Depart.

Proceedings of the Madras Govt

Read the following:-

15

From,

The Cons. Engineer
for Railways

(H. E. Do. 86, of 11th Feby 1874.)

Ordered that the
Progress report submitted
with this letter be for-
warded to the Government
of India.

Separate orders have
been passed on the letters
from the Consulting
Engineer for Railways
Do. 59 and 76 of the 4th
and 5th Feby. respectively.

H. E. Do. 587 dated
589

To The Secy. to the Govt
of India.

Sir, In continuation of
my letter Do. 12 dated

Mch 1912

Cons. Engineer
for Railways.
Despatch S-C 10/3/74.

y^ January 18^74 I am directed by His Excellency the Governor in Council to submit the Progress Report in connection with the Southern Extension of the Great Southern of India Railway for the quarter ending 31^ December 18^73, together with a brief descriptive report by the Chief Engineer of the Company.

It will be seen from the correspondence accompanying my letter No 445 dated 23^ Feby '74 that the Board of Directors have approved of the junction arrangements at the Trichinopoly station which have already been recommended by the Govt. of India, and it is now hoped that no further delay may be allowed to retard the progress of the works, the most important of which is the large bridge referred to by the Chief Engineer at the commencement of the line.

Govt.

16

Despatch to 30 June from 10/3/74.

845

Govt. of 1874 Madras.

PUBLIC WORKS.

To The Consulting Engr for Railways and To The Secretary to the Govt of India

Rec'd. Encl. 5

G. O. 6th March 1874. No. 588 & 589

Nos. 142-143 & 144

Submitting the Progress Report of works in connection with the Sn. Extension of the Great Sn of India Railway for the Quarter ending 31st December 1873.

Great Sn of India Railway -

The Progress Report of works in connection with the Extension of the Great Sn of India Railway for Quarter ending 31st Decr ordered to be for ded to the Govt of