

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

public works DEPARTMENT

G.O. No. 9788779
B.P. No. 153-155
Press
Mis.

Dated 15-4-1874 195.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
15th April 1874.*

No. 153/ 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, 20th March 1874, No. 168 :—

I HAVE the honour to forward, herewith, for transmission to the Government of India, statements A, B, C, and D, together with a brief descriptive report by the Chief Engineer of the Company on the progress made during the quarter ended 31st December 1873, on works in connection with the Madras Railway Company.

Brief descriptive report submitted with Progress Report for quarter ending 31st December 1873.

SOUTH-WEST LINE.

Small bridges.—This refers to the estimate for “doubling the line between Veysarapaudy Junction and Perambore Station.”

Ballast, Permanent-way.—These two items refer to the “doubling of the line between Veysarapaudy Junction and Perambore Station,” and to the additional sidings at Jollarpett Station.

g. Small items.—This refers to the above-mentioned works and to the weigh bridge at Arcot Station, North-West Line.

Large bridges.—This refers to the new bridges over the Huggry and Cheyair rivers.

b. Passenger buildings.—This refers to the alterations and additions at Arconum Station and the over-bridge at Raichore Station.

e. Staff quarters.—This refers to the Permanent-way Inspector's Bungalow at Arconum and the Resident Engineer's Bungalow at Ghooty.

g. Small items.—This refers to the weigh bridge at Adoni Station, the works in the station-yard at Raichore, and quarters for Post Office Clerks at Raichore.

NEILGHEERY BRANCH.

Same as report for quarter ending 31st December 1872, to which must be added through siding at Pothanore Junction, engine-shed and siding at Mettapollum, and maintenance of Telegraph for two years from Pothanore to Coimbatore and from Coimbatore to Mettapollum.

(Signed) T. H. GOING,
Acting Chief Engineer.

27th January 1874.

Proceedings of the Madras Government,

MADRAS

A.—General Progress Report of the South-West

Reference 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.
I.	Preliminary Expenses ...	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
II.	Land ...	.....	.....	.....	.....
III.	Construction of Line ...	617 0 0	433 0 0	.....	.....
	Earthwork. { Cuttings and Embankment ...	.....	.....	.....	.....
	{ Rock Cutting ...	.....	.....	.....	.....
	Small Bridges and Culverts ...	617 0 0	486 0 0	.....	.....
	Large Bridges (as per Statement B). ...	.....	.....	.....	.....
	Fencing ...	.....	.....	.....	.....
	Other Items... ..	.....	.....	.....	.....
IV.	Ballast and Permanent-way ...	6,034 0 0	41,022 0 0	.....	.....
	Ballast ... { Collected ...	4,253 0 0	.....	.....	.....
	{ Spread ...	.....	.....	.....	.....
	Rails ... { Lifted ...	.....	.....	.....	.....
	{ Linked in ...	.....	.....	.....	.....
	{ In Depot ...	.....	.....	.....	.....
	Sleepers ... { Lifted ... { Iron ...	2,391 0 0	41,022 0 0	.....	.....
	{ Laid ... { Wood ...	.....	.....	.....	.....
	{ In Depot... { Iron ...	.....	.....	.....	.....
	{ Wood ...	.....	.....	.....	.....
V.	Stations and Buildings (as per Statement C) ...	1,007 0 0	7,771 0 0	233 0 0	.....
	a. Platforms ...	.....	.....	.....	.....
	b. Passenger Buildings ...	.....	.....	.....	.....
	c. Goods Sheds ...	.....	.....	.....	.....
	d. Watering arrangements ...	.....	.....	.....	.....
	e. Staff Quarters, by Rooms ...	.....	.....	.....	.....
	f. Engine Sheds ...	.....	.....	.....	.....
	g. Small Items ...	.....	.....	.....	.....
VI.	Telegraph ...	1,337 0 0	1,919 0 0	239 0 0	239 0 0
VII.	Plant ...	.....	.....	.....	.....
VIII.	Rolling Stock (vide Statement D) ...	74,142 0 0	.....	8,415 0 0	42,167 0 0
IX.	Maintenance ...	.....	.....	.....	.....
X.	Establishment ...	.....	.....	.....	.....
XI.	Contingencies ...	1,42,335 0 0	.....	11,500 0 0	43,569 0 0

CHIEF ENGINEER'S OFFICE,
27th January 1874.

(Signed) F. CHURCH,
Chief Auditor.

(Signed) R. K. WILLIAMS,
Offg. Exr. of Railway Accounts.

B.—Progress Report of large Bridges on the South-West Line Nil.

C.—Progress Report of Stations on the South-West Line Nil.

CHIEF ENGINEER'S OFFICE,
27th January 1874.

Public Works Department, 15th April 1874.

RAILWAY.

Line for Quarter ending 31st December 1873.

NUMBER.			QUANTITIES.			QUANTITIES, PERMANENT-WAY.		PROBABLE DATE		Remarks.
Total.	Finished.	In hand.	Total as per Estimate.	Executed during quarter.	Executed to end of quarter.	Total arrived in Port.	Arrived in Port during quarter.	Of completion.	By which the Permanent-way could be laid if urgently required.	
...	...	...	...	...	...	...	...	...	...	
4	...	4	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	31st Dec. 1874.
4	...	4	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
Miles of track.										
Miles. 1.55	...	1.55	...	...	...	...	...	...	...	
Miles. 1.55	...	1.55	...	...	...	...	...	...	...	31st Dec. 1874.
Miles. 1.55	...	1.55	...	...	...	...	...	...	...	31st Dec. 1874.
...	...	...	...	...	...	...	...	...	...	
3	...	3	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	31st Dec. 1874.
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	

(Signed) T. H. GOING,

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

(Signed) T. H. GOING,
Acting Chief Engineer.

for the Quarter ending 31st December 1873.

for the Quarter ending 31st December 1873.

(Signed) T. H. GOING,
Acting Chief Engineer.

A.—General Progress Report of the North-West Line

A.—General Progress Report of the North-West Line

CHIEF ENGINEER'S OFFICE,
27th January 1874.

(signed) F. CHURCH, Chief Auditor. (Signed) R. K. WILLIAMS, Offg. Exr. of Railway Accounts.

B. - Progress Report of large Bridges on the North-West Line

Abutments and piers up to springing or girder level.

(signed) F. CHEN
Chief Auditor. Offg. Engr.

B. - Progress Report of large Bridges on the North-West Line

Abutments and piers up to springing or girder level.

C.—Progress Report of Stations on the North-West Line Nil.

CHIEF ENGINEER'S OFFICE,
27th January 1874.

Quarter ending 31st December 1873.

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

(Signed) T. H. GOING,
Acting Chief Engineer

Quarter ending 31st December 1873.

At the end of the quarter, not money expenditure
of each item.

Quarter ending 31st December 1873.

(Signed) T. H. GOING,
Acting Chief Engineer

A.—General Progress Report of the Neilgherry Branch

Reference 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 ...	.....	.....	.....	10,944 0 0
II.	Land ...	.....	.....	.....	.....
III.	Construction of Line ...	.....	.....	.....	.....
	Earthwork { Cuttings and Embankment ...	2,26,393 0 0	.....	4,626 0 0	2,07,359 0 0
	{ Rock Cutting ...	.....	.....	.....	.....
	Small Bridges and Culverts ...	2,07,064 0 0	29,006 0 0	230 0 0	1,89,269 0 0
	Large Bridges (as per Statement B). ...	1,33,237 0 0	1,60,515 0 0	2,099 0 0	95,162 0 0
	Fencing ...	36,427 0 0	.....	579 0 0	19,612 0 0
	Other Items ...	1,24,547 0 0	.....	.....	72,317 0 0
IV.	Ballast and Permanent-way ...	.....	.....	.....	.....
	Ballast { Collected ...	71,332 0 0	.....	3,644 0 0	59,162 0 0
	{ Spread ...	.....	.....	.....	.....
	{ Lifted ...	.....	.....	.....	.....
	Rails { Linked in ...	.....	.....	.....	.....
	{ In Depot ...	.....	.....	.....	.....
	Sleepers { Lifted { Iron ...	2,05,725 0 0	6,71,391 0 0	346 0 0	74,099 0 0
	{ Wood ...	.....	.....	.....	.....
	{ Laid { Iron ...	.....	.....	.....	.....
	{ Wood ...	.....	.....	.....	.....
	{ In Depot { Iron ...	.....	.....	.....	.....
	{ Wood ...	.....	.....	.....	.....
V.	Stations and Buildings (as per Statement C) ...	.....	.....	.....	.....
	a. Platforms ...	28,095 0 0	4,015 0 0	125 0 0	19,647 0 0
	b. Passenger Buildings ...	30,633 0 0	3,530 0 0	.....	46,216 0 0
	c. Goods Sheds ...	31,069 0 0	11,084 0 0	.....	20,017 0 0
	d. Watering arrangements ...	6,746 0 0	2,755 0 0	.....	8,339 0 0
	e. Staff Quarters, by Rooms ...	12,923 0 0	.....	.....	8,685 0 0
	f. Engine Sheds ...	2,866 0 0	1,180 0 0	.....	.....
	g. Small Items ...	72,748 0 0	1,03,485 0 0	384 0 0	21,862 0 0
VI.	Telegraph ...	1,723 0 0	1,998 0 0	62 0 0	62 0 0
VII.	Plant ...	1,639 0 0	.....	.....	1 0 0
VIII.	Rolling Stock (vide Statement D) ...	.....	.....	.....	.....
IX.	Maintenance ...	82,789 0 0	.....	8,580 0 0	10,715 0 0
X.	Establishment ...	.....	.....	.....	.....
XI.	Contingencies ...	.....	.....	.....	.....

CHIEF ENGINEER'S OFFICE, (Signed) F. CHURCH, (Signed) R. K. WILLIAMS,
27th January 1874. Chief Auditor. Offg. Exr. of Railway Accounts.

B.—Progress Report of Large Bridges on the Neilgherry Nil.

C.—Progress Report of Stations on the Neilgherry Nil.

CHIEF ENGINEER'S OFFICE
27th January 1874.

Public Works Department, 15th April 1874.

Line for Quarter ending 31st December 1873.

[illegible]

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

(Signed) T. H. GOING,
Acting Chief Engineer.

Branch Line for the Quarter ending 31st December 1873.

Branch Line for the Quarter ending 31st December 1873. (Signed) T. H. GOING,
Acting Chief Engineer

Proceedings of the Madras Government, Public Works Department.
13th April 1874.

18th February 1874.

* Information required in these two columns to be afforded by General Storekeeper.

number sanctioned and number erected.

(Signed) F. CHURCH.

MURCH,
Chief Auditor.

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

(B, good) C. MATHIEU.

A family received in Green-
land by mail letter, No. 107
of Jan. February 1913, from
Copenhagen, No. 107, of
1913 March, and containing
the letter, No. 107, of
1913 September 1913, for
conversion of Green-land
mail, as it only class was
found, and were class
into Green-land mail, and
was for ten thousand francs
was sent and from 1913
Green-land into Green-land
mail was sent.

*Proceedings of the Madras Government, Public Works Department,
15th April 1874.*

No. 154. ORDER THEREON, 15th April 1874, No. 978.

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

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Governor

Secretary to Government.

No. 155.

(DOCKET No. 979, dated 15th April 1874.)

(DOCKET No. 979, dated 15th April 1917.)
Copy of the above forwarded to the Government of India.
(True Extract.)

(True Extract.)

Colonel, R.E.,

* Secretary to Government.

Exd. E. C. Shunker.
Spare Copies

Brief descriptive report submitted with Progress Report for quarter ending 31st December 1873.

South West Line

Small Bridges. This refers to the estimate for "Doubling the line between Veyarapandy Junction and Perambore Station."

Ballast. } These two items refer to the "Doubling of the
Permanent Way. } Line between Veyarapandy Junction and Perambore Station"; and to the additional sidings at Jolarpetta Station.

G. Small items. This refers to the above mentioned works and to the Weigh Bridge at Arcot Station.

North West Line.
Large Bridges. This refers to the new bridges over the Angara and Chelair rivers.

B. Passenger buildings. This refers to the alterations and additions at Arcot Station and the over-bridge at Raichore Station.

C. Staff quarters. This refers to the Permanent Way Inspector's Bungalow at Arcot and the Resident Engineer's Bungalow at Gooty.

G. Small items. This refers to the Weigh bridge at Arcot Station; the works in the station yard at Raichore and Quarters for Post Office Clerks at Raichore.

Nilgerry Branch.

Same as report for quarter ending 31st Decr. 1872 to which must be added through siding at Pothanore Junction, Engine shed & siding at Metapollim & maintenance of Telegraph for two years from Pothanore & Coimbatore and from Coimbatore & Metapollim.

27th Jan'y. 1874.

Ed.

L. P. S. P.
Sg. Chief Engineer.

P. No. 1679 / 74.
11
P. 7. 15th April / 74
In 18 N. 153

Pl. 74 - April 1914
In 137: 153.

11/16/79 / 74
10

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MADRAS RAILWAY.

General Progress Report of the *South West Line* for Quarter ending *31st December* 1873.

Reference to heads of Estimate.	DETAILS.	Total Estimate.		Actual Indian Expenditure.		Number.			Quantities.			Quantities Permanent Way.		Probable date.		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 Arrived in Port.	Arrived in Port during Quarter.	Of Completion.	By which the Permanent Way could be laid if urgently required.	
I	Preliminary Expenses.															
II	Land... ..															
III	Construction of Line... ..	617	486	"	"	4	"	4								
	Earthwork. { Cuttings and Embankment... Rock Cutting... ..															
	Small Bridges and Culverts... ..	617	486	"	"	4	"	4							31 st December 1874	
	Large Bridges (as per Statement B)															
	Fencing.															
	Other Items															
IV	Ballast and Permanent Way.	6644	44,629	"	"	1.55 Miles		1.55								
	Ballast..... { Collected... .. Spread... ..	4258	"	"	"	1.55 Miles	"	1.55							31 st December 1874	
	Rails..... { Laid in... .. In depôt.															
	Sleepers..... { Lifted..... { Iron... .. Laid..... { Wood... .. In depôt. { Iron... .. Wood... ..	2391	44,629	"	"	1.55 Miles	"	1.55							31 st December 1874	
V	Stations and Buildings (as per Statement C)	1357	5910	239	239	3	"	3								
	(a) Platforms.															
	(b) Passenger buildings.															
	(c) Goods Sheds... ..															
	(d) Watering Arrangements... ..															
	(e) Staff Quarters, by rooms															
	(f) Engine Sheds															
	(g) Small Items... ..	1357	5910	239	239	3	"	3							31 st December 1874	
VI	Telegraph... ..															
VII	Plant.															
VIII	Rolling Stock (Vide Statement D.)	74,182	"	84,554	49,167											
IX	Maintenance.															
X	Establishment.															
XI	Contingencies... ..	14,335	"	14,500	42,842											

B

B

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MADRAS RAILWAY.

Progress Report of Large Bridges on the *South West Line* for the Quarter ending *31st December* 1873.

NAMES OF BRIDGES.	Foundations.	Abutments and piers up to Springing or girder level.	Arching or erection of Girders.	Other items.	REMARKS.
			<i>Nil</i>		

CHIEF ENGINEER'S OFFICE,

27th January 1874.*J. P. [Signature]*
Ady. Chief Engineer.

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REMARKS.

CHIEF ENGINEER'S OFFICE,
27th January 1874.

Actg. Chief Engineer.

A

26)

REMARKS.

27th January 1874.

Chief Auditor

Examiner of Railway Accounts.

Agent and Manager.

Atty: Chief Engineer

B

B

RAILWAY.

Progress Report of Large Bridges on the *North West Line* for the Quarter ending *31st December* 1873.

NAMES OF BRIDGES.	Foundations.	Abutments and piers up to Springing or girder level.	Arching or erection of Girders.	Other items.	REMARKS.
<i>Cheyair Bridge</i> A. Percentage done	<i>94^x</i>	<i>94^x</i> one abutment and 13 Piers up to Guide level Cylinder Piers 14 to 17 are in progress and 1600. Linear feet built.	<i>Nil</i>	<i>Earthwork approaches 3 feet Culvert finished.</i>	<i>^x These figures refer to the masonry portion only</i>
B. Date of completion	<i>31st March 1874.</i>	<i>30th June 1875.</i>	<i>30th June 1875.</i>		
<i>Huggay Bridge</i> A. Percentage done		<i>about 10 percent of the whole work done</i>	<i>31st December 1875.</i>		
B. Date of completion					

CHIEF ENGINEER'S OFFICE,

27th January 1874.

A. This refers to the approximate percentage of the whole work done at the end of the quarter.
not money expenditure.
B. This refers to the probable date of completion of each item.

W. S. Wainwright
Actg. Chief Engineer.

MADRAS RAILWAY.

Progress Report of Stations on the North West Line for the Quarter ending 31st December 1873.

[illegible]

CHIEF ENGINEER'S OFFICE,

27th January 1874.

Ady. Chief Engineer.

Pa

MADRAS RAILWAY.

General Progress Report of the *Vilgherry Branch Line* for Quarter ending *31st December* 1873.

Reference to heads of Estimate.	DETAILS.	Total Estimate.		Actual Indian Expenditure.		Number.			Quantities.			Quantities Permanent Way.		Probable date.		REMARKS.
		Indian Expenditure.	Value of English Stores.	During Quarter.	Total from 1 st Oct to end of quarter.	Total	Finished.	In hand	Total as per Estimate.	Executed during Quarter.	Executed to end of Quarter.	Total Arrived in Port.	Arrived in Port during Quarter.	Of Completion.	By which the Permanent Way could be laid if urgently required.	
I	Preliminary Expenses.															
II	Land															
III	Construction of Line.....															
	Earthwork. (Cuttings and Embankment. Rock Cutting	22,630.8	"	1,626	20,735.9	25.09	25.09		82,326.4	25,168	82,647.3					
	Small Bridges and Culverts.	2,07,064	28,066	250	18,926.9	100	100									
	Large Bridges (as per Statement B)	1,32,337	10,051.5	2,099	9,516.2	8	8									
	Fencing	36,427	"	579	19,612	50.18	50.18									
	Other Items	12,454.7	"	"	72,317	11.5	11.5									
IV	Ballast and Permanent Way.															
	Ballast..... (Collected. Spent	1,100	"	3,624	59,162	25.09	25.09									
	Rails..... { Laid in depôt.											19,080	11,892.7			
	Sleepers..... { Laid..... { Iron... Wood ... Iron... Wood ... In dépôt. { Iron... Wood ...	2,15,258	6,71,391	326	74,099	25.09	25.09									
V	Stations and Buildings (as per Statement C)	1,85,040	1,25,049	509	11,966.7	25	21	2								
	(a) Platforms.	2,80,85	4,015	125	19,647	5	5									
	(b) Passenger buildings.	30,633	2,530	"	4,621.6	4	4									
	(c) Goods Sheds... ..	31,069	11,084	"	2,001.7	2	2									
	(d) Watering Arrangements... ..	6,726	2,755	"	32,39	2	2									
	(e) Staff Quarters, by rooms	10,92.3	"	"	8,686	3	3	1								
	(f) Engine Sheds	2,286	1,180	"	"	1	"	1								
	(g) Small Items... ..	72,748	103,485	384	21,862	6	5	1								
VI	Telegraph... ..	172.3	1,998	62	62											
VII	Plant	1,639	"	"	1											
VIII	Rolling Stock (Vide Statement D.)															
IX	Maintenance.	82,789	"	8,580	10,715											
X	Establishment.															
XI	Contingencies... ..															

Opened for traffic on 1st September 1873.

30th June 1874
do

CHIEF ENGINEER'S OFFICE,

27th January 1874.

Chief Auditor

Examiner of Railway Accounts.

Agent and Manager.

Chief Engineer.

B

B

67/11

MADRAS RAILWAY.

Progress Report of Large Bridges on the *Vilgherry Branch Line* for the Quarter ending *31st December* 1873.

NAMES OF BRIDGES.

Foundations.

Abutments and piers up to Springing or
girder level.

Arching or erection of Girders.

Other items.

REMARKS.

*Nil**10*

CHIEF ENGINEER'S OFFICE,

27th January 1874 }*W. S. P. S.*
Acty Chief Engineer.

5

Progress Report of Stations on the

NAMES OF STATIONS.

Q
Platform.

b

Passenger buildings.

Goods Shed.

Watering arrangements.

e

Staff Quarters (by rooms.)

f
Engine Sheds.

g
Small items.

REMARKS.

CHIEF ENGINEER'S OFFICE,

27th January 1874

Actg. Chief Engineer.

33

37

12

15-4-4/4
18-4-4/4
18-4-4/4

15-4-4/4

18-4-4/4

Engs for Railways

Railway Department.

CONSULTING ENGINEER'S OFFICE.

No. 168

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 forward
herewith, for transmission to the Govern-
ment of India, statements A. B. C. and D,
together with a brief descriptive report
by the Chief Engineer of the Company
on the progress made during the quarter
ended 31st December 1873 on works in
connection with the Madras Railway Com-
pany.

Madras
20 March 1874
W. H. Shaw Stewart

I have the honour to be
Your most ^{devoted} obedient servant
W. H. Shaw Stewart Lt. Col. R.E.
Cons. Eng. for Railways

1879

Bill of 1874

Public Works

Chief Engineer

1874-1875

Madras Railway

The statement of the progress of construction works of the Madras Railway for the year ending 31st Dec 1874

Forwarded to the Secy of India
Dated 22/1/75
Secy of India

Order of that these statements be
forwarded to the Secy of India
Dated 22/1/75

Recd 1874 Bill
No. 1874

RAILWAY DEPARTMENT

1874

The General Manager

1874

20th March 1874

Letter 11

Substantially statement
of progress of the progress
of construction works of
the Madras Railway for
the year ending 31st Dec 1874