

(1) Number of pages _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	<i>1498-09</i>	Press
B.P. No.		Mis.
<i>330,331,332</i>		
Dated	<i>2-5-5</i>	18 <i>73</i>

Not to be folded or roughly handled

350. 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, 5th May 1873, No. 255:—

I HAVE the honour to submit, herewith, for transmission to the Government of India, the Progress Report of the Madras Railway for the quarter ended the 31st March 1873, together with a brief descriptive report.

Brief Descriptive Report submitted with Progress Report for Quarter ending 31st March 1873.

SOUTH-WEST LINE.

Earth-work, Ballast, and Permanent-way.—These three items refer to the alterations and additions to permanent-way, new Central Station, sanctioned in G. O. No. 1,617, dated 4th July 1872.

b. Passenger Buildings.—This refers to the new Station-house at Verinjeppooram.

g. Small Items.—This includes the Store-room for Carriage Examiner at new Central Station, and alterations and additions to permanent-way, new Central Station.

NORTH-WEST LINE.

Large Bridges.—This refers to the new bridges over the Huggry and Cheyaur rivers and the bridge at the 286th mile, 14th telegraph post, Bellary Branch.

Other items.—This refers to the Watchmen's huts on the 3rd Division, North-West Line.

a. Platforms.—This refers to the covered platform at Raichore Station.

d. Watering arrangements.—This refers to the additional watering arrangements at Raichore Station.

e. Staff Quarters.—This refers to the Engine Drivers' bungalow at Cuddapah, and the new Staff bungalow at Raichore.

g. Small Items.—This refers to the fuel platforms at Condapooram (which are left in abeyance at the request of the Locomotive Superintendent) and the works in the station yard at Raichore.

NEILGHERRY BRANCH.

Same as last report.

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

20th April 1873.

(Signed) R. K. WILLIAMS,
Examiner of Railways

Loss for the Quarter ending 31st March 1873

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

[illegible]

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 of year 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 ...				
	Earth-work { Cuttings and Embankment ...	338 0 0			33 0 0
	{ Rock Cutting ...				
	Small Bridges and Culverts ...				
	Large Bridges (as per Statement B) ...				
	Fencing ...				
	Other Items ...				
IV.	Ballast and Permanent way ...				
	Ballast { Collected ...	551 0 0			
	{ Spread ...				
	Rails { Lifted ...				
	{ Laid in ...				
	{ In Depot ...				
	Sleepers { Lifted ... { Iron ...	2,350 0 0	5,775 0 0	33 0 0	166 0 0
	{ Wood ...				
	Laid { Iron ...				
	{ Wood ...				
	In Depot { Iron ...				
	{ Wood ...				
V.	Stations and Buildings (as per Statement C) ...				
	a. Platforms ...				
	b. Passengers' Buildings ...	1,378 0 0			
	c. Goods Sheds ...				
	d. Watering arrangements ...				
	e. Staff Quarters by Rooms ...				
	f. Engine Sheds ...				
	g. Small Items ...	1,050 0 0	1,110 0 0	184 0 0	1,054 0 0
VI.	Telegraph ...				
VII.	Plant ...				
VIII.	Rolling Stock (vide Statement D) ...	1,11,202 0 0			
IX.	Maintenance ...			2,507 0 0	42,606 0 0
X.	Establishment ...				
XI.	Contingencies ...	2,50,001 0 0		22,454 0 0	65,719 0 0

CHIEF ENGINEER'S OFFICE,
29th April 1873.

(Signed)

F. CHURCH,

(Signed)

R. K. WILLIAMS,
Comptroller of Railways

Public Works Department, 23rd May 1873.

£100 for the quarter ending 31st March 1873.

[illegible]

(Signed)

W. B. WRIGHT.

Acting Agent and Manager.

(Signed)

T. H. GOIN,

Acting Chief Engineer.

A.—General Progress Report of the South-West.

References to heads of Estimate.	Details.	TOTAL ESTIMATE.		ACTUAL INDIAN EXPENDITURE.	
		Indian Expenditure.	Value of English Stores.	During Quarter.	Total from comm. month 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 ...				
	Earth-work { Cuttings and Embankment ...				
	{ Rock Cutting ...				
	Small Bridges and Culverts ...				
	Large Bridges (as per Statement B) ...	5,15,299 0 0	5,07,199 0 0	8,516 0 0	1,56,126 0 0
	Fencing ...				
	Other Items... ..	10,260 0 0		4,323 0 0	10,250 0 0
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) ...				
	a. Platforms ...	16,933 0 0	5,400 0 0	4,178 0 0	8,698 0 0
	b. Passengers' Buildings ...				
	c. Goods Sheds ...				
	d. Watering arrangements ...	3,026 0 0	2,424 0 0	45 0 0	45 0 0
	e. Staff Quarters by Rooms ...	14,581 0 0		5,463 0 0	8,513 0 0
	f. Engine Sheds ...				
	g. Small Items ...	11,729 0 0	21,640 0 0		
VI.	Telegraph ...				
VII.	Plant ...				
VIII.	Rolling Stock (vide Statement D) ...				
IX.	Maintenance ...				
X.	Establishment ...				
XI.	Contingencies ...				

CHIEF ENGINEER'S OFFICE,
20th April 1873.

(Signed) F. CHURCH,
Chief Auditor.

(Signed) R. K. WILLIAMS,
Examiner of Railway

Public Works Department, 23rd May 1873.

Line for the Quarter ending 31st March 1873.

[illegible]

(Signed) W. B. WRIGHT,
Ag. Agent and Manager.

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

~~24 June 1870~~

Ag. Reef

B.—Progress Report of large Bridges on the Nellycherry Branch Line for the quarter ending 31st March 1873.

Names of Bridges.	Foundations.	Abutments and Piers up to Springing or Girder level.	Arching or Erection of Girders.	Other Items.	Remarks.
At 5 miles 29 chains ... a. Per-centage done ... b. Date of completion ... At 5 miles 53 chains ...	Laid	Abutments and piers to girder stone level. 100 Completed Abutments and piers to girder level. 93 Not known	Completed Girders not received		Double 64-foot openings with wrought iron girders. Four 64-foot openings with wrought iron girders. Triple 30-foot openings with wrought iron girders.
At 6 miles 45 chains ... a. Per-centage done ... b. Date of completion ... At 10 miles 11 chains ... a. Per-centage done ... b. Date of completion ... At 11 miles 7 chains ...	Laid	Abutments and piers to top of girder stone. 100 Completed To the top of girder stone. 100 Completed Abutments to the top of girder stone, two piers to girder level. 100 Completed To the top of girder stone. 99 Not known To the top of girder stone. 93 Not known Abutments to spring level. 100 Completed	Completed Do. Do. Girders not received Do. Do. Completed		Double 64-foot openings with wrought iron girders. Four 64-foot openings with wrought iron girders. Triple 30-foot openings with wrought iron girders. Double 64-foot openings with wrought iron girders. Four 64-foot openings with wrought iron girders. Triple 30-foot openings with wrought iron girders.
At 12 miles 3 chains ... a. Per-centage done ... b. Date of completion ... At 13 miles 4 chains ... a. Per-centage done ... b. Date of completion ... At 24 miles 34 chains ... a. Per-centage done ... b. Date of completion ...	Laid	Completed To the top of girder stone. 99 Not known To the top of girder stone. 93 Not known Abutments to spring level. 100 Completed	Completed Do. Do. Completed		Double 64-foot openings with wrought iron girders. Four 64-foot openings with wrought iron girders. Triple 30-foot openings with wrought iron girders.

CHIEF ENGINEER'S OFFICE,
29th April 1873.

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

B.—Progress Report of large Bridges on the South-West Line for the quarter ending 31st March 1873.

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

B.—Progress Report of large Bridges on the North-West Line for the quarter ending 31st March 1873.

Names of Bridges.	Foundations.	Abutments and Piers up to Springing or Girder level.	Arching or Erection of Girders.	Other Items.	Remarks.
Cheyanur Bridge— a. Per-centage done ... b. Date of completion ... Bridge at 286th mile, 14th Telegraph Post, Bellary Branch— a. Per-centage done ... b. Date of completion ...	*75 30th Sept. 1873 100	*75 One abutment and nine piers up to girder level, and 10th pier up to ground level. 50	Nil Not known 30	Earth-work in approaches and 3 feet culvert finished. 30th June 1873 30th June 1873	*These figures refer to the masonry portion only. †Cannot fix date. A portion of the cylinders arrived, some received broken. Indented on the Board for others to replace them. Both tender walls completed. One span floored. West abutment finished. Pier to within 5 feet of girder level. East abutment to ground level. Cylinders not yet arrived.
Haggar Bridge— a. Per-centage done ... b. Date of completion ...	Completed	30th June 1873 About 10 per cent. of the whole work done Not known	30th June 1873 the whole work done	30th June 1873	Cylinders not yet arrived.

a. This refers to the approximate per-centage 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.

CHIEF ENGINEER'S OFFICE,
29th April 1873.

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

Proceedings of the Madras Government, Public Works Department,
23rd May 1873.

C.—Progress Report of Stations on the Neilgherry Branch Line for the quarter ending 31st March 1873.

Names of Stations.	a.	b.	c.	d.	e.	f.	g.	Remarks.
Pothanore Junction— a. Per-centage done b. Date of completion	100 Completed	Nil.	...	85 30th June 1873	Staff Quarters (by teams)	Engine Sheds.	Small Items.	
Coimbatore Station— a. Per-centage done b. Date of completion	100 Completed	100 Completed	100 Completed	...	Completed	...	100 Completed	
Tudialore Station— a. Per-centage done b. Date of completion	100 Completed	100 Completed	...	...	...	...	100 Completed	
Karamandi Station— a. Per-centage done b. Date of completion	100 Completed	100 Completed	...	...	...	...	100 Completed	
Metapaliam Station— a. Per-centage done b. Date of completion	100 Completed	100 Completed	100 Completed	100 Completed	100 Completed	...	100 Completed	23rd April 1873

a. This refers to the approximate per-centage of the work done at the end of the quarter.
b. This refers to the probable date of completion of each item.
c. Under general remarks any details should be given that cannot conveniently be tabulated, such as progress in firing machinery, signals, &c.

CHIEF ENGINEER'S OFFICE,
29th April 1873.

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

Proceedings of the Madras Government, Public Works Department,
23rd May 1873.

C.—Progress Report of Stations on the South-West Line for the quarter ending 31st March 1873.

Names of Stations.	a.	b.	c.	d.	e.	f.	g.	Remarks.
New Station-house at Veerinjepoorum— a. Per-centage done b. Date of completion	...	...	Nil. 30th Sept. 1873	...	Staff Quarters (by teams)	Engine Sheds.	Small Items.	
Store-house for Carriage Examination, New Central Station— a. Per-centage done b. Date of completion	...	...	Completed 31st Jan. 1873	...	...	...	...	

a. This refers to the approximate per-centage of the whole work done at the end of the quarter; not merely expenditure.
b. This refers to the probable date of completion of each item.

c. Under general remarks any details should be given that cannot conveniently be tabulated, such as progress in firing machinery, signals, &c.

CHIEF ENGINEER'S OFFICE,
29th April 1873.

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

Proceedings of the Madras Government, Public Works Department,
23rd May 1873.

C.—Progress Report of Stations on the North West Line for the quarter ending 31st March 1873.

Names of Stations	a. Platform.	b. Passengers' Buildings.	c. Goods Shed.	d. Watering arrangements.	e. Staff Quarters (by rooms).	f. Engine Sheds.	g. Small Items.	Remarks.
Raijore Station—								
a. Per-centage done...	95			95	90			a. Covered Platform at Raijore.
b. Date of completion.	30th June 1873.			30th June 1873.	30th June 1873.			d. Laying rails at Raijore.

a. This refers to the approximate per-centage of the whole work done at the end of the quarter, but not necessarily at the end of the year.

b. This refers to the probable date of completion of each item.

N.B.—Under general remarks any details should be given that would be necessary to the Chief Engineer in his report to the Government.

CHIEF ENGINEER'S OFFICE,

29th April 1873.

(Signed) F. H. CHURCH.

Acting Chief Engineer.

Proceedings of the Madras Government, Public Works Department,
23rd May 1873.

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

	Number sanctioned.	Number erected up to 31st March 1873.	NUMBER ERECTED DURING CURRENT YEAR.		Building or under erection at end of quarter.	Arrived at Shop during quarter.	Arrived at Port during quarter.	Balances to arrive in Port.	Remarks.
			During quarter.	To end of quarter.					
Locomotives	135	135							
Tenders	106	106							
Sleeping carriages	4	4							
First-class do.	93	93							
Second-class do.	67	67							
Third do. do. brakes	5	5							
Do. do. do.	30	30							
Do. do. do.	207	171							
Cooley class or covered carriages	25	25							
Third do. upper-started carriages	2	2							
Composite carriages	21	25							
Night do. do.	16	6			19				
Engineer's inspection carriage with brake.	1	1			2				
Invalid carriages	2								
Open goods wagons	80	252							
Open-sided goods wagons	2,122	1,560							
High-sided open goods wagons	5	5							
Ballast wagons	293	244							
Open wagons	360	410							
Coal wagons	7	7							
Coal wagons	25	35							
Coal trucks	25	22							
Covered goods wagons	75	28							
Carrage trucks	80	20							
Platform trucks	130	141							
Fire Engine trucks	3	6							
Water trucks	4								
Passengers' luggage vans	25	4							
Goods brake vans	69	25							
Gun-powder vans	3	60							
Oil Store vans	3	3							
Horse-boxes	50	40							
Travelling cranes	4	4							
Carriage and wagon springs									
Draw springs									
Axles									
Wheels, pairs of									
Sets of iron work carriages									
Do. do. wagons									
Total..	8,774	8,607	10	10	12				

a. Sanction received in Government Order, Nos. 272 and 2,004, dated 22nd January and 13th December 1874, for conversion of two of these vehicles into fire engine trucks, and 202 into high-sided open goods wagons.

b. Sanction received in Government Order No. 3,004, dated 12th December 1870, for conversion of fifty of these vehicles into covered goods wagons.

c. Sanction received from Consulting Engineer, No. 397, dated 14th May 1864, for conversion of three of these vehicles into road trucks.

d. Sanction received from Consulting Engineer, No. 397, dated 14th May 1864, for conversion of these six vehicles into timber trucks.

Certified as to number sanctioned and number erected.

(Signed) F. CHURCH,

Chief Auditor.

(Signed) W. B. WRIGHT,

Acting Agent and Manager.

(Signed) W. B. WRIGHT,

Locomotive Superintendent.

29th April 1873.

Ag. Chief Engineer.

Proceedings of the Madras Government, Public Works Department.
23rd May 1873.

No. 331.

ORDER THEREON, 23rd May 1873, No. 1408.

RAILWAY, No. 50.

ORDERED that this Report be forwarded to the Government of India.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

No. 332.

DOCKET No. 1409, dated 23rd May 1873.

COPY of the above forwarded to the Government of India.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

Brief Descriptive Report submitted with Progress Report
for quarter ending 31st March 1873.

South West Line.

Earthwork.

Ballast.

These three items refer to the alterations and additions to Permanent Way. New Central Station - sanctioned G.O. No. 1617 dated 14th July 1872.

Passenger Buildings. This refers to the New Station House at Veringapooram.

Small items. This includes the Store room for Carriage Examines at New Central Station and alterations and additions to Permanent Way New Central Stations.

North West Line.

Large Bridges. This refers to the new bridges over the Nuggur and Cheyair rivers and the bridge at the 286th mile 114th M. Post Bellary Branch.

Other items. This refers to the Watchmen's Huts on the 3rd Division M.M. Line.

A Platforms. This refers to the Covered Platform at Raichore Station.

D Watering Arrangements. This refers to the additional watering arrangements at Raichore Station.

E Staff quarters. This refers to the Engine driver's Bungalow at Cuddapah and the new Staff Bungalow at Raichore.

G Small items. This refers to the Fuel Platforms at Cuddapooram (which are left in abeyance at the request of the Secy. Superintendent) and the works in the Station yard at Raichore.

Kilgherry Branch.

Same as last report.

24th April 1873.

W. G. G. G.

Ag. Chief Engineer.

P. M. 2800/40.
fig. 23 Aug/13 132
330.

General Progress of work in erecting and building for various road & other structures. Plans are pending for 1895 & 1896.

Murder
 sanctioned

chamber erected
up to 31st March
1872

Considered practical
 during Cincinnati
 Fair
 Considered in end of
 fourth quarter

Building no
wonder, that there
is an end of Quaker.

Approved and
Signed during
Quarterm.

Arrived at
Port during
Quarantine

Balance to
amount in front.

126	126
126	126

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This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf of a book. The paper has a slightly textured appearance with some minor creases and discoloration, characteristic of old paper. A small, dark, irregular smudge or mark is visible near the center of the page. The overall tone is a warm, off-white or light beige.

1852

1875

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This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf from an old book. The paper has a slightly textured appearance with some minor discoloration and four distinct dark spots, possibly ink smudges or foxing, located near the corners. The page is oriented vertically.

17

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at the end of the line

William Lloyd
Sept 1861

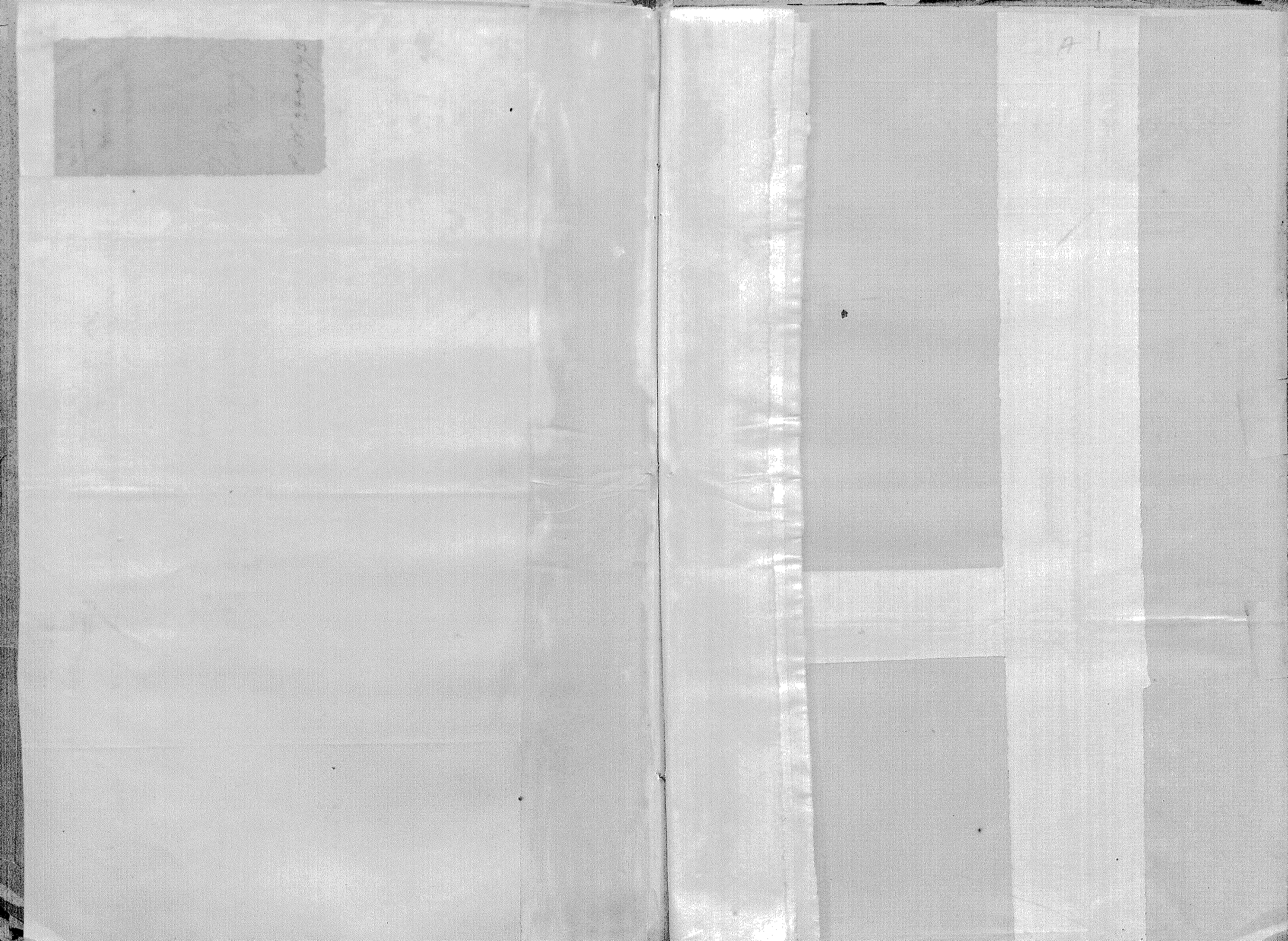
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MADRAS RAILWAY.

General Progress Report of the *Vilgherry Branch Line* for Quarter ending 31st March 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 Commence- ment 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.	
		Rs.	Rs.	Rs.	Rs.											
I	Preliminary Expenses.				10,944											
II	Land... ..															
III	Construction of Line... ..	756,518	99,737	56,401	552,422											
	Earthwork. { Cuttings and Embankment. ...	226,398		26,693	144,536	25.09	25.09		22,326 1/2	22,370	210,690					
	{ Rock Cutting.					12	12	12								
	Small Bridges and Culverts... ..	217,975	17,167	12,230	187,775	100	92	8								
	Large Bridges (as per Statement B) ...	151,171	82,580	13,657	53,010	Miles	Miles	Miles								
	Fencing.	36,427		2,532	15,344	50.18	48.40	1.78								
	Other Items	124,547		12,83	74,07											
IV	Ballast and Permanent Way.	277,607	1,13,391	21,583	112,452	25.09	25.09									
	Ballast..... { Collected... ..	71,882		13,999	47,427	25.09	25.09									
	{ Spread... ..															
	Rails..... { Lifted											19,036				
	{ Linked in															
	{ In depôt.															
	Sleepers..... { Lifted..... { Iron... ..	205,725	67,139 1/2	7,584	66,025	25.09	25.09					118,927				
	{ Laid..... { Iron... ..															
	{ Wood... ..															
	{ In depôt. { Iron... ..															
	{ Wood... ..															
V	Stations and Buildings (as per Statement C) ...	181,681	118,298	37,149	109,348	20	17	3								
	(a) Platforms.	28,085	4,015	4,980	17,332	5	5									
	(b) Passenger buildings.	30,633	2,530	14,147	42,850	4	4									
	(c) Goods Sheds... ..	31,069	11,084	3,687	19,891	2	2									
	(d) Watering Arrangements... ..	6,746	2,753	1,012	2,260	1		1								
	(e) Staff Quarters, hy rooms	12,923		3,946	7716	3	3									
	(f) Engine Sheds															
	(g) Small Items... ..	72,225	97,914	10,221	220	5	3	2								
VI	Telegraph... ..	3,634	18,744	2,191	891											
VII	Plant.	1,639														
VIII	Rolling Stock (Vide Statement D.)															
IX	Maintenance.	82,789		130	130											
X	Establishment.															
XI	Contingencies... ..			6,359	6,250											

The completion of the Vilgherry Branch depends on the receipt of orders from Government.

CHIEF ENGINEER'S OFFICE,

29th April 1873.

Chief Engineer.

Examiner of Railway Accounts.

Agent and Manager.

Acty. Chief Engineer.

MADRAS RAILWAY.

General Progress Report of the *South West Line* for Quarter ending *31st March* 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.	Rs.	Rs.	Rs.	Rs.											
II	Land.								<i>Cyds</i>	<i>Cyds</i>	<i>Cyds</i>					
III	Construction of Line.	<i>358</i>	<i>"</i>	<i>"</i>	<i>36</i>				<i>1450</i>	<i>"</i>	<i>"</i>					
	Earthwork. { Cuttings and Embankment.	<i>358</i>	<i>"</i>	<i>"</i>	<i>36</i>				<i>1450</i>	<i>"</i>	<i>"</i>				<i>30th June 73</i>	
	{ Rock Cutting.															
	Small Bridges and Culverts.															
	Large Bridges (as per Statement B)															
	Fencing.															
	Other Items.															
IV	Ballast and Permanent Way.	<i>2981</i>	<i>5776</i>	<i>33</i>	<i>156</i>	<i>.63</i>		<i>.63</i>								
	Ballast. { Collected.	<i>561</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>.63</i>		<i>.63</i>							<i>30th June 73</i>	
	{ Spread.															
	Rails. { Lifted.															
	{ Linked in.															
	{ In depôt.															
	Sleepers. { Lifted. { Iron.	<i>2350</i>	<i>5776</i>	<i>33</i>	<i>156</i>	<i>.63</i>		<i>.63</i>							<i>30th June 73</i>	
	{ Laid. { Wood.															
	{ In depôt. { Iron.															
	{ Wood.															
V	Stations and Buildings (as per Statement C)	<i>3328</i>	<i>1110</i>	<i>184</i>	<i>1054</i>	<i>3</i>		<i>3</i>								
	(a) Platforms.															
	(b) Passenger buildings.	<i>1378</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>1</i>		<i>1</i>							<i>30th Sept 73</i>	
	(c) Goods Sheds.															
	(d) Watering Arrangements.															
	(e) Staff Quarters, by rooms.															
	(f) Engine Sheds.															
	(g) Small Items.	<i>1950</i>	<i>1110</i>	<i>184</i>	<i>1054</i>	<i>2</i>		<i>2</i>							<i>30th June 73</i>	
VI	Telegraph.															
VII	Plant.															
VIII	Rolling Stock (Vide Statement D)	<i>111202</i>	<i>"</i>	<i>2507</i>	<i>135796</i>											
IX	Maintenance.															
X	Establishment.															
XI	Contingencies.	<i>269001</i>	<i>"</i>	<i>27365</i>	<i>95712</i>											

CHIEF ENGINEER'S OFFICE.

29th April 1873.

Chief Engineer.

Examiner of Railway Accounts.

Agent and Manager.

Actg. Chief Engineer.

MADRAS RAILWAY.

General Progress Report of the

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CONFIDENTIAL

1972

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Figure 1. The effect of the concentration of the solution on the adsorption of the dye.

Chief Engineer

B

B

MADRAS RAILWAY.

Progress Report of Large Bridges on the Nilgherry Branch Line for the Quarter ending 31st March 1873.

NAMES OF BRIDGES.	Foundations.	Abutments and piers up to Springing or girder level.	Arching or erection of Girders.	Other items.	REMARKS.
<u>At 5 Miles 29 Chains</u> a. percentage done b. date of completion	Laid —	Abutments & piers to girder level 100 Completed	Completed		Double b.r.p. openings with wrought iron Girders.
<u>At 5 Miles 68 Chains</u> a. percentage done b. date of completion	Laid —	Abutments & piers to girder level 98 not known	Girders not received		Four b.r.p. openings with wrought iron Girders.
<u>At 6 Miles 46 Chains</u> a. percentage done b. date of completion	Laid —	Abutments & piers to the top of girder stone 100 Completed	Completed		Single 30 ft openings with wrought iron Girders.
<u>At 10 Miles 11 Chains</u> a. percentage done b. date of completion	Laid —	To the top of girder stone 100 Completed	Completed		Double b.r.p. openings with wrought iron Girders.
<u>At 11 Miles 7 Chains</u> a. percentage done b. date of completion	Laid —	Abutments to the top of girder stone In piers to girder level 100 Completed	Completed		Four b.r.p. openings with wrought iron Girders.
<u>At 12 Miles 5 Chains</u> a. percentage done b. date of completion	Laid —	To the top of girder stone 96 not known	Girders not received		Double b.r.p. openings with wrought iron Girders.
<u>At 19 Miles 4 Chains</u> a. percentage done b. date of completion	Laid —	To the top of girder stone 98 not known	Girders not received		Four b.r.p. openings with wrought iron Girders.
<u>At 24 Miles 54 Chains</u> a. percentage done b. date of completion	Laid —	Abutments to spring level 100 Completed	Completed		Single 12 feet Arch.

CHIEF ENGINEER'S OFFICE,

29th April 1873.

a. This refers to the approximate percentage of the whole work done at the end of the quarter.
b. This refers to the probable date of completion of the work.

Acty. Chief Engineer.

B

B

MADRAS RAILWAY.

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

NAMES OF BRIDGES.

Foundations.

Abutments and piers up to Springing or girder level.

Arching or erection of Girders.

Other items.

REMARKS.

Nil

CHIEF ENGINEER'S OFFICE.

29th April 1873.*W. G. W. G.*
Actg. Chief Engineer.

B

B

MADRAS RAILWAY.

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

NAMES OF BRIDGES.

Foundations.

Abutments and piers up to Springing or girder level.

Arching or erection of Girders.

Other items.

REMARKS.

Cheyair Bridge

A. Percentage done

B. Date of completion

75%
30th September 187375%
one abutment and 9 piers
up to girder level and 10 piers
up to ground level.Nil
not knownEastward on
approaches and 3 feet
culvert finished.* These figures refer to the masonry portion only.
cannot fix a date a portion of the
cylinders arrived some received broken
indented on the Board for others to replace them.Bridge at $\frac{2.86}{14}$ Bellary Branch

A. Percentage done

B. Date of completion

100
Completed50
30th June 187330
30th June 187330th June 1873Both Sides were completed one span finished.
West abutment finished. 10 feet within 5 feet
of girder level. East abutment to ground level.Huggary Bridge

A. Percentage done

B. Date of completion

about 10 percent of the whole work done.
Not known

Cylinders not yet arrived

CHIEF ENGINEER'S OFFICE,

18th April 1873.

a. This refers to the approximate percentage of the whole work done at the end of the quarter.
but in many cases not done.

b. This refers to the probable date of completion of each item.

Sd/-
Chief Engineer.

MADRAS RAILWAY.

Progress Report of Stations on the Nilgherry Branch Line for the Quarter ending 31st March 1873.

NAMES OF STATIONS.	a Platform.	b Passenger buildings.	c Goods Shed.	d Watering arrangements.	e Staff Quarters (by rooms).	f Engine Sheds.	g Small items.	REMARKS.
<u>Porhanore Junction</u>								
a. percentage done	100	Nil	—	25	—	—	—	
b. date of completion	Completed	—	—	30 th June 1873	—	—	—	
<u>Coimbatore Station</u>								
a. percentage done	100	100	100	—	100	—	100	
b. date of completion	Completed	Completed	Completed	—	Completed	—	Completed	
<u>Judialore Station</u>								
a. percentage done	100	100	—	—	—	—	100	
b. date of completion	Completed	Completed	—	—	—	—	Completed	
<u>Karamady Station</u>								
a. percentage done	100	100	—	97	—	—	95	
b. date of completion	Completed	Completed	—	30 th April 73	—	—	30 th April 1873	
<u>Mettapothum Station</u>								
a. percentage done	100	100	100	—	100	—	75	
b. date of completion	Completed	Completed	Completed	—	Completed	—	30 th April 1873	

CHIEF ENGINEER'S OFFICE.

29th April 1873.

a. The report of the progress of the work done at the end of the quarter is to be submitted to the Chief Engineer.
b. The report of the progress of the work done at the end of the quarter is to be submitted to the Chief Engineer.

11. The progress of the work done at the end of the quarter is to be submitted to the Chief Engineer.

12. The progress of the work done at the end of the quarter is to be submitted to the Chief Engineer.

13. The progress of the work done at the end of the quarter is to be submitted to the Chief Engineer.

MADRAS RAILWAY.

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

NAMES OF STATIONS.	a Platform.	b Passenger buildings.	c Goods Shed.	d Watering arrangements.	e Staff Quarters (by rooms).	f Engine Sheds.	g Sitem.	REMARKS.
<u>Raichore Station.</u>								
a. Percentage done.	95	"	"	95	90	"	"	a. Covered platform at Raichore.
b. Date of completion.	30 th June 1873	—	—	30 th June 1873	30 th June 1873	—	30 th June 1873	d. Laying pipes — do.
								e. New Staff Bungalow — do.
								g. Works in Station Yard — do.

CHIEF ENGINEER'S OFFICE,
29th April 1873.

a. This report shows the progress of the whole work done at the end of the quarter. It is a summary of the work done.
b. This report shows the probable date of completion of the work.
c. This report shows the probable date of completion of the work.
d. This report shows the probable date of completion of the work.
e. This report shows the probable date of completion of the work.
f. This report shows the probable date of completion of the work.
g. This report shows the probable date of completion of the work.

Acty Chief Engineer.

No. 255.

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, the Progress Report of the Madras Railway for the quarter ended the 31st March 1873, together with a brief descriptive report.

I have the honour to be
Sir

Yours most obedient servant
J. H. M. Stewart Lieut. Col. R.E.
Consulting Engineer for Railways

Madras

31 May 1873

Meeting Chgo
Railway
between the
grants

1408
1409
2000/10/22

Report, Railroad
Chgo, The
Railway for
grants including
with 813, ordered
forwarded to
Chgo - 10/22

Transit Co.
for the grants
Chgo Railway
for the grants
Chgo Railway