

(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. 2078-79 Press
B.P. No. Mis.

Dated 31-7-1954

Not to be folded or roughly handled

No. 708. 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, 7th July 1874, No. 393 :—

I HAVE the honor to forward herewith, for transmission to the Governmen
of India, eight Statements showing the sanctions from Revenue Funds for the
maintenance of the open line of the Madras Railway Company for the half-yea.
ending 31st December 1874.

MADRAS RAILWAY.

Abstract of Estimates for Maintenance, Half-year ending 31st December 1874.

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

Heads of Charges.	FIRST DIVISION, SOUTH-WEST LINE.		SECOND DIVISION, SOUTH-WEST LINE.		THIRD DIVISION, SOUTH-WEST LINE.		FOURTH DIVISION, SOUTH-WEST LINE.		FIRST DIVISION, NORTH-WEST LINE.		SECOND DIVISION, NORTH-WEST LINE.		THIRD DIVISION, NORTH-WEST LINE.	
	Madras to Jollapett.		Jollapett to Mullapooram, including Bangalore Branch.		Mullapooram to Pothanoor.		Pothanoor to Beypore.		Arcotum to Cuddapah.		Cuddapah to Goondacul.		Goondacul to Rallachore, including Bellary Branch.	
	130½ Miles (single). 3½ Miles (double)	133½ Miles (single).	121½ Miles (single).	121½ Miles (single).	121½ Miles (single).	104½ Miles (single).	119½ Miles (single).	111 Miles (single).	108 Miles (single).	Per Mile.	Amount.	Per Mile.	Amount.	Per Mile.
Ordinary	Rs. 54,160	Rs. 395	Rs. 200	Rs. 287	Rs. 433	Rs. 277	Rs. 33,066	Rs. 277	Rs. 30,132	Rs. 272	Rs. 42,678	Rs. 395	Rs. 395	Rs. 395
Extraordinary	4,186	30	...	...	89	...	...	...	...	...	...	...	...	...
Ordinary	13,801	101	33	65	32	59	6,200	18	5,124	46	7,400	69	69	69
Extraordinary	38,193	278	15	...	30	...	2,200	43	15,292	138	...	...	...	...
Ordinary	26,150	191	34	27	45	...	5,200	...	1,600	14	2,700	25	25	25
Extraordinary	...	...	...	...	...	...	...	...	800	7	1,442	13	13	13
Ordinary	1,550	11	...	...	15	...	1,550	...	...	5	3,450	32	32	32
Extraordinary	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	1,38,040	1,005	297	46,686	67,322	48,216	403	53,498	57,670	492	534	534	534	534

(Signed) F. P. QUINLAN,
Offg. Examiner of Railway Accounts.
(Signed) F. B. HANNA,
for Acting Chief Engineer.

(Signed) J. CRAMP,
for Chief Auditor.
(Signed) R. B. ELVIN,
Agent and Manager.

MADRAS,
26th June 1874.

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
First Division, South-West Line, from Madras to Jollapett.

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. { Double ... Single ...	3½ 130½ 22	...	3½ 130½ ...
Sidings ...	...	...	...
Total...	...	...	133½

Head.	Description of Works.	Ordinary	Extra-ordinary	Remarks.
II.	Maintenance, Permanent-way—	Rs.	Rs.	
	(1.)—Wages—			One Gang consist- ing of—
	* 53 Gangs, at Rs. 47 × 6	14,946	...	No. ... Rs. ...
	† 7 Extra Gangs, at „ 59 × 6	...	...	1 Maistry ... 13
III.	Establishment, at „ 1,658 × 6	9,943	...	7 Men, at Rs. 5 ... 35
				10 Men, at Rs. 5 ... 50
				* Total... 47
				† Total... 59
IV.	(2.)—Materials—			Establishment—
	Ballast, C. yds. 27,896, at 4 As.	5,266	1,708	4 Section Maistries, at Rs. 15 ... 60
	Rails ...	8,000	...	4 Inspectors' Writers, at „ 20 ... 80
	Sleepers ...	16,000	...	5 Smiths, at „ 20 ... 100
V.	Total, Head II...	54,160	4,186	5 Hammermen, at „ 6 ... 30
				5 Bellows-Boys, at „ 5 ... 25
				5 Carpenters, at „ 20 ... 100
				2 Engineers' Lascars, at „ 7 ... 14
VI.	Repairs, Wages and Materials—			4 Inspectors' do. at „ 5 ... 20
	(1.)— { Bridges and Culverts ...	5,118	25,193	1 Timekeeper... ... 20
	{ Tunnels ...	...	...	3 Inspectors' Assistants, at „ 30 ... 90
	(2.)— { Earthwork ...	3,238	13,000	1 Do. do. ... 40
VII.	{ Fences ...	2,445	...	1 Sub-Inspector ... 50
	{ Roads and Level crossings ...	1,000	...	147 Watchers, at „ 7 ... 1,029
	{ Miscellaneous ...	2,000	...	† Total... 1,658
	Total, Head III...	13,801	38,193	§ Undermining caked ballast under pots and re- packing with sand ballast.
VIII.	Repairs, Wages, and Materials—			|| Renewing caked ballast with sand ballast.
	(1.)— { Station building, yards, etc... 25,000	...	...	
	{ Signals, Gate lodges, etc. ... 150	...	...	
	(2.)—Staff quarters ... 1,000	...	...	
IX.	Total, Head IV...	26,150	...	
	Total, Head V...	...	...	
X.	Maintenance by Contract ...	...	...	
	Total, Head VI...	...	...	
XI.	Unclassified Expenditure—			
	(1.)—Plantations ...	...	...	
	(2.)—Tools and Plant ...	1,500	...	
	(3.)—Loss on Stores ...	50	...	
XII.	Total, Head VII...	1,550	...	
	Grand Total...	95,661	42,379	

General repairs including terminal works.

General repairs, Rs. 5,118. Rebuilding defective portion of bridges, Rs. 2,650. Protective works, etc., Rupees 1,164. Building bridges, at 108 and 123 miles, Rs. 21,179.

Earthwork for widening bank, Rupees 3,000. Drains in cuttings, Rupees 10,000.

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
Second Division, South-West Line, from Jollarpett to Mullapooram, including Bangalore Branch.

Miles Maintained.	Departmentally.	By Contract	Total.
Main Line. {Double ... Single ...	133½ 10½	.....	133½
Sidings ...	.....	.....	.....
Total...	.....	.....	133½

Head.	Description of Works.	Ordinary	Extra-ordinary	Remarks.
II.	Maintenance, Permanent-way—	Rs.	Rs.	
	(1.)—Wages—			
	* 53 Gangs, at Rs. 32-12-0 × 6	10,414	...	One Gang consisting of—
	Lorrymen	...	...	No.
	† Establishment at „ 1,545-0-0 × 6	9,270	...	1 Maistry Rs. A. P.
				5 Coolies, at Rs. 4-10-0 23 2 0
				* Total... 32 12 0
				Establishment—
				1 Inspector of Night Watchmen Rs.
				4 Inspectors' Assistants, at Rs. 30 120
III.	(2.)—Materials—			
	Ballast, C. yds. 10,000, at As. 4½	2,812	...	5 Do. Writers, at „ 15 75
	Rails	2,500	...	1 Store Writer 20
	Sleepers	1,650	...	188 Line Watchmen, at Rs. 6 1,128
				1 Blacksmith 15
				1 Hammerman 8
				1 Bellows-Boy 6
				1 Carpenter 15
				1 Tinker 15
				2 Lascars, at Rs. 7 14
IV.	Total, Head II...	26,646	...	12 Store Watchers, at „ 7 84
				† Total... 1,545
	Repairs, Wages, and Materials—			
	(1.)— {Bridges and Culverts 500	2,000	...	General repairs, Rupees 500. Protective works,
	{Tunnels	...	...	Rupees 2,000.
	{Earthwork 2,500	...	...	
	{Fences 1,000	...	...	
	(2.)— {Roads and Level crossings 200	...	...	
	{Miscellaneous 250	...	...	
	Total, Head III...	4,450	2,000	
V.	Repairs, Wages, and Materials—			
	(1.)— {Station buildings, yards, etc. 2,350	...	...	General repairs, 1,200. Turn-table, Rupees 150.
	{Signals, Gate lodges, etc. 150	...	...	Gardening in station compounds, Rs. 1,000.
	(2.)—Staff quarters 2,000	...	...	
	Total, Head IV...	4,500	...	
	Maintenance by Contract	...	...	
	Total, Head V...	...	...	
	Unclassified Expenditure—			
	(1.)—Plantations	...	...	
	(2.)—Tools and Plant 2,000	...	...	
VI.	(3.)—Loss on Stores 50	...	...	
	Total, Head VI...	2,050	...	
	Grand Total...	37,646	2,000	

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
Third Division, South-West Line, from Mullapooram to Poothanoor.

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. {Double ... Single ...	121½ 8½	.....	121½
Sidings ...	.....	.....	.....
Total...	.....	.....	121½

Head.	Description of Works.	Ordinary	Extra-ordinary	Remarks.
II.	Maintenance, Permanent-way—	Rs.	Rs.	
	(1.)—Wages—			One Gang consisting of—
	* 38 Gangs, at Rs. 51-8-0 × 6	11,742	...	No.
	Lorrymen	...	...	1 Maistry Rs. A. P.
	† Establishment, at „ 1,159-2-0 × 6	6,955	...	8 Coolies, at Rs. 5-1-0 40 8 0
				* Total... 51 8 0
				Establishment—
				1 Inspector of Night Watchmen Rs. A. P.
				4 Section Maistries, at Rs. 18-0-0 72 0 0
				4 Inspectors' Writers, at „ 15-0-0 60 0 0
III.	(2.)—Materials—			
	Ballast, C. yds. 10,000, at 8 As.	5,000	...	1 Do. Assistant 30 0 0
	Rails	5,148	...	123 Watchmen, at „ 6-0-0 738 0 0
	Sleepers	6,065	...	2 Engineers' Lascars, at „ 7-0-0 14 0 0
				6 Store Lascars, at „ 7-0-0 42 0 0
				1 Carpenter Maistry, ... 30 0 0
				3 Do. 20-0-0 60 0 0
				3 Blacksmiths, at „ 17-8-0 52 8 0
				4 Hammermen, at „ 7-0-0 28 0 0
				3 Bellows-Boys, at „ 3-8-0 10 8 0
IV.	Total, Head II...	34,910	...	2 Coolies, at „ 5-1-0 10 2 0
				† Total... 1,159 2 0
	Repairs, Wages, and Materials—			
	(1.)— {Bridges and Culverts 6,059	...	...	
	{Tunnels	...	...	
	{Earthwork 500	...	...	
	{Fences 600	...	...	
	(2.)— {Roads and Level crossings 180	...	...	
	{Miscellaneous 500	...	...	
	Total, Head III...	7,839	...	
V.	Repairs, Wages, and Materials—			
	(1.)— {Station buildings, yards, etc. 1,647	...	...	
	{Signals, Gate lodges, etc. 640	...	...	
	(2.)—Staff quarters 1,000	...	...	
	Total, Head IV...	3,287	...	
	Maintenance by Contract	...	...	
	Total, Head V...	...	...	
	Unclassified Expenditure—			
	(1.)—Plantations	...	...	
	(2.)—Tools and Plant 600	...	...	
VI.	(3.)—Loss on Stores 50	...	...	
	Total, Head VI...	650	...	
	Grand Total...	46,686	...	

*Proceedings of the Madras Government, Public Works Department,
31st July 1874.*

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
Fourth Division, South-West Line, from Pothanoor to Beypore.

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. { Double... { Single ...	 104½	..... .....	..... 104½
Sidings 	 11½	..... .....	..... .....
Total ...	.....	.....	104½

Head.	Description of Works.	Ordinary	Extra-ordinary	Remarks.
II.	Maintenance, Permanent-way—	Rs.	Rs.	One Gang consisting of—
	(1.)—Wages—			No.
	* 35 Gangs. at Rs. 54 × 6	11,340	...	1 Maistry ... 12
	Lorrymen " " " "	...	...	7 Men, at 6 Rs. ... 42
	† Establishment, at " 734 × 6	4,404	...	* Total... 54
				Establishment—
				Rs.
				4 Inspectors' Assistants, at Rs. 30 ... 120
				4 Do. Writers, at " 15 ... 60
				56 Watchmen, at " 6 ... 336
III.				7 Store Lascars, at " 6 ... 42
				4 Carpenters, at " 20 ... 80
				3 Smiths, at " 20 ... 60
				3 Hammermen, at " 8 ... 24
				3 Bellows-Boys, at " 4 ... 12
				† Total... 734
	(2.)—Materials—			
	Ballast, C. yds. 8,000 at 6 As...	3,000	...	
	Rails ...	200	...	
	Sleepers ...	26,300	9,278	
	Total, Head II...	45,244	9,278	
IV.	Repairs, Wages, and Materials—			
	(1.)— {Bridges and Culverts ...	1,100	400	General repairs, Rupees 1,100. Protective works, Rupees 400.
	{ Tunnel ...	...	...	
	(2.)— {Earthwork ...	800	2,800	Making up cess bank and fence bunds.
	{ Fences ...	1,000	...	Repairing aloe fence Rupees 1,000. Building stone wall, Rupees 2,800.
	{ Roads and Level crossings...	300	...	
	{ Miscellaneous ...	150	...	
	Total, Head III...	3,350	3,200	
		Repairs, Wages, and Materials—		
V.	(1.)— {Station buildings, yards, etc.	2,500	...	
	{ Signals, Gate lodges, etc....	400	...	
	(2.)— Staff quarters ...	1,800	...	
	Total, Head IV...	4,700	...	
VI.	Maintenance by Contract ...	...	...	
		...	...	
	Total, Head V...	...	...	
		...	...	
VII.	Unclassified Expenditure—			
	(1.)—Plantations ...	...	...	
	(2.)—Tools and Plant ...	1,500	...	
	(3.)—Loss on Stores ...	50	...	
	Total, Head VI...	1,550	...	
	Grand Total..	54,844	12,478	

*Proceedings of the Madras Government, Public Works Department,
31st July 1874.*

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
First Division, North-West Line, from Arconum to Cuddapah.

Miles Maintained.		Departmentally.	By Contract.	Total.
Main Line.	{ Double ...	119½	.....	119½
	{ Single ...	18¼	.....	.....
Sidings	...	.....	.....	119½
Total...		.....	.....	.....

Head.	Description of Works.	Ordinary	Extra-ordinary.	Remarks.
II.	Maintenance, Permanent-way—	Rs.	Rs.	One Gang consisting of—
	(1.)—Wages—			No. Rs.
	* 44 Gangs, at Rs. 52 × 6	13,728	...	1 Maistry ... 12
	Lorrymen	...	...	8 Coolies, at Rs. 5 ... 40
	† Establishment, at ,, 1,973 × 6	11,838	...	* Total 52
				Rs.
				Establishment—
				2 Sub-Inspectors, at Rs. 50 ... 100
				4 Inspectors' Assistants, at ,, 30 ... 120
				1 Timekeeper 25
III.	(2.)—Materials—			1 Inspectors' Writer 20
	Ballast, 14,000 C. yds. at 4 As...	3,500	...	3 Do. Writers... at ,, 15 ... 45
	Rails	2,000	...	5 Section Maistries at ,, 15 ... 75
	Sleepers	2,000	...	1 Store Watchman 8
	Total, Head II...	33,066	...	6 Do, at ,, 7 ... 42
				1 Blacksmith 30
	Repairs, Wages, and Materials—			2 Do., at ,, 17 ... 34
	(1.)— { Bridges and Culverts	1,200	2,200	3 Hammermen, at ,, 6 ... 18
	{ Tunnels	1,100	...	3 Bellows-men, at ,, 5 ... 15
	{ Earthwork	3,500	...	1 Carpenter 20
IV.	(2.)— { Fences	300	...	2 Do., at ,, 17 ... 34
	{ Roads and Level crossings... ..	100	...	1 Tinker 10
	{ Miscellaneous	...	...	1 Painter... .. 10
	Total, Head III...	6,200	2,200	1 Sawyer... .. 10
				1 Do. 7
	Repairs, Wages, and Materials—			2 Lascars, at ,, 7 ... 14
	(1.)— { Station buildings, yards, etc.	3,500	...	4 Store Coolies, at ,, 5 ... 20
	{ Signals, Gate lodges, etc.	200	...	80 Day Watchmen, at ,, 7 ... 560
	(2.)—Staff quarters	1,500	...	90 Night do., at ,, 7 ... 630
	Total, Head IV...	5,200	...	18 Bridge do., at ,, 7 ... 126
V.	Maintenance by Contract	...	...	† Total... 1,973
VI.	Total, Head V...	...	...	
	Unclassified Expenditure—			† General repairs, Rupees 1,200; Protective works, Rupees 2,200.
	(1.)—Plantations	1,500	...	
	(2.)—Tools and Plant	50	...	
	(3.)—Loss on Stores	...	...	
	Total, Head VI...	1,550	...	
	Grand Total...	46,016	2,900	

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
Second Division, North-West Line, from Cuddupah to Goondacul.

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line... {Double Single	111	...	...
Sidings	7½	...	...
Total...	...	...	111

Head.	Description of Works.	Ordinary	Extra-ordinary	Remarks.
II.	Maintenance, Permanent-way—	Rs.	Rs.	
	(1.)—Wages—			One Gang consisting of—
	* 38 Gangs, at Rs. 47 × 6	10,716	...	No. 1 Maistry 13
	† Establishment at Rs. 1,552 × 6	9,312	...	7 Coolies, at Rs. 5 35
				* Total... .. 47
				Establishment—
				3 Inspectors' Assistants, at Rs. 30 90
				1 Inspector of Night Watchmen 50
				1 Timekeeper 25
				4 Writers, at Rs. 15 60
III.	(2.)—Materials—			
	Ballast, C. yds. 22,832 at Rs. 0-3-8	7,524	...	
	Rails	180	...	
	Sleepers	2,400	...	
	Total, Head II...	30,132	...	
	Repairs, Wages, and Materials—			
	(1.)—Bridges and Culverts... ..	770	7,770	General repairs, Rs. 770. Protective Works, Rupees 7,770.
	Tunnels	2,000	2,023	General repairs, Rupees 2,000. Diverting Stream at 223 Rupees 49. Diverting Channel at 23½ Rupees 1,973.
	(2.)—Fences	1,500	...	General repairs, Rupees 500. Building Groin at 23½ Rupees 1,500. Cutting Drains, Rupees 4,000.
	Roads and Level crossings	854	...	
IV.	Miscellaneous	500	5,500	
	Total, Head III...	5,124	15,292	
	Repairs, Wages, and Materials—			
	(1.)—Station buildings, yards, etc.	1,230	800	General repairs, Rupees 1,230. Building back verandah at Condapooram Station, Rs. 800.
	(2.)—Staff quarters... ..	35	...	
		335	...	
	Total, Head IV...	1,600	800	
	Maintenance by Contract	...	...	
	Total, Head V...	...	...	
	Unclassified Expenditure—			
VI.	(1.)—Plantations	...	...	
	(2.)—Tools and Plant	500	...	
	(3.)—Loss on Stores	50	...	
	Total, Head VI...	550	...	
	Grand Total...	37,406	16,092	

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
Third Division, North-West Line, from Goondacul to Raichore, including Bellary Branch.

Miles Maintained.	Departmentally	By Contract.	Total.
Main Line... {Double Single	108	...	...
Sidings	10½	...	...
Total...	...	...	108

Head.	Description of Works.	Ordinary	Extra-ordinary	Remarks.
II.	Maintenance, Permanent-way.	Rs.	Rs.	One Gang consisting of—
	(1.)—Wages—			No. 1 Maistry 13
	* 70 Gangs, at Rs. 55 × 6	23,100	...	7 Coolies, at Rs. 6 42
	† Establishment, at Rs. 1,138 × 6	6,828	...	* Total... .. 55
				Establishment—
				1 Sub-Inspector 50
				1 Inspector's Assistant 40
				3 Do. do. at Rs. 30 90
				1 Timekeeper 25
				3 Writers, at Rs. 20 60
III.	(2.)—Materials—			
	Ballast, C. yds. 45,000 at 4 As.	11,250	...	
	Rails	500	...	
	Sleepers	1,000	...	
	Total, Head II...	42,678	...	
	Repairs, Wages, and Materials—			
	(1.)—Bridges and Culverts... ..	2,200	...	
	Tunnels	...	...	
	(2.)—Earthwork	3,000	...	
	Fences	1,500	...	
IV.	Roads and Level crossings	209	...	
	Miscellaneous	500	...	
	Total, Head III...	7,400	...	
	Repairs, Wages, and Materials—			
	(1.)—Station buildings, yards, etc.	1,300	319	† General repairs, Rupees 1,300. Additional water-supply at Adony Station, Rupees 319.
	(2.)—Staff quarters	200	...	§ General repairs, Rs. 1,200. Dwelling-houses for the Traffic Subordinate Staff at Auspree Station, Rs. 247.
		1,200	1,123	Do. do. at Adoni Station, 741.
	Total, Head IV...	2,700	1,442	Re-tiling Bungalows at Bellary do. 135.
	Maintenance by Contract	...	...	
	Total, Head V...	...	...	
VI.	Unclassified Expenditure—			
	(1.)—Plantations	...	...	
	(2.)—Tools and Plant	3,400	...	
	(3.)—Loss on Stores	50	...	
	Total, Head VI...	3,450	...	
	Grand Total...	56,228	1,442	

MADRAS,
26th June 1874.

(Signed) F. B HANNA,
for Acting Chief Engineer.

C

*Proceedings of the Madras Government, Public Works Department,
31st July 1874.*

No. 709. ORDER THEREON, 31st July 1874, No. 2,078.

RAILWAY, No. 80.

ORDERED that these Statements be
forwarded to the Government of India

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Consulting Engineer for Railways.

Gobl. of 1874 Madras.

PUBLIC WORKS.

To

THE CONSULTING ENGINEER

FOR RAILWAYS.

Dated July 31st.

Recd.

Encl.

O. O., 31st July 1874, No. 2,078.

JULY.

No. 708-709

Madras Railway.—Statements showing the sanctions from Revenue Funds for the maintenance of the open line of the Madras Railway Company for the half-year ending 31st December 1874, ordered to be forwarded to the Government of India

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

No. 708. 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, 7th July 1874, No. 393 :— .

I HAVE the honor to forward herewith, for transmission to the Government of India, eight Statements showing the sanctions from Revenue Funds for the maintenance of the open line of the Madras Railway Company for the half-year ending 31st December 1874.

MADRAS RAILWAY.

Abstract of Estimates for Maintenance, Half-year ending 31st December 1874.

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

Abstract of Estimates for Maintenance, Half-year ending 31st December 1914.

Heads of Charges.	FIRST DIVISION, SOUTH-WEST LINE.		SECOND DIVISION, SOUTH-WEST LINE.		THIRD DIVISION, SOUTH-WEST LINE.		FOURTH DIVISION, SOUTH-WEST LINE.		FIRST DIVISION, NORTH-WEST LINE.		SECOND DIVISION, NORTH-WEST LINE.		THIRD DIVISION, NORTH-WEST LINE.	
	Madrass to Jollapett.		Jollapett to Mullapooram, including Bangalore Branch.		Mullapooram to Pothanoor.		Pothanoor to Berypore.		Arconum to Cuddapah.		Cuddapah to Goondacul.		Goondacul to Rairchore, including Bellary Branch.	
	130 1/4 Miles (single). 3 1/2 Miles (double)		133 1/4 Miles (single).		121 1/4 Miles (single).		104 1/4 Miles (single).		119 1/4 Miles (single).		111 Miles (single).		108 Miles (single).	
	Rs.	Per Mile.	Rs.	Per Mile.	Rs.	Per Mile.	Rs.	Per Mile.	Rs.	Per Mile.	Rs.	Per Mile.	Rs.	Per Mile.
Head No. II. ... { Ordinary ... Extraordinary ...	54,160	395	20,616	200	34,910	287	45,244	433	33,060	277	30,132	272	42,678	395
	4,186	30	...	...	...	...	9,278	89	...	...	...	...	...	...
Head No. III. ... { Ordinary ... Extraordinary ...	13,801	101	4,450	33	7,839	65	3,350	32	6,200	52	5,124	46	7,400	69
	38,193	278	2,000	15	...	...	3,200	30	2,200	19	15,292	138	...	...
Head No. IV. ... { Ordinary ... Extraordinary ...	26,150	191	4,500	34	3,287	27	4,700	45	5,200	43	1,600	14	2,700	25
	...	...	...	...	...	...	...	...	...	...	800	7	1,442	13
Head No. V. ... { Ordinary ... Extraordinary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Head No. VI. ... { Ordinary ... Extraordinary ...	1,550	11	2,050	15	650	5	1,550	15	1,550	13	550	5	3,450	32
	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total...	1,38,040	1,006	39,616	297	46,086	381	67,322	644	48,216	403	53,498	452	57,670	534

(Signed) F. P. QUINLAN,
Offg. Examiner of Railway Accounts.
(Signed) F. B. HANNA,
for Acting Chief Engineer.

(Signed) J. CRAMP,
for Chief Auditor.
(Signed) R. B. ELWIN,
Agent and Manager.

MADRAS,
26th June 1874.

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
First Division, South-West Line, from Madras to Jollapett.

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. { Double ... Single ...	3 1/2 130 1/2	...	3 1/2 130 1/2
Bidings ...	22	...	...
Total...	...	...	133 1/2

Head.	Description of Works.	Ordinary	Extra-ordinary	Remarks.
II.	Maintenance, Permanent-way— (1.)—Wages— 53 Gangs, at Rs. 47 × 6 7 Extra Gangs, at „ 59 × 6 Establishment, at „ 1,658 × 6	Rs. 14,946 9,948	Rs. \$ 2,478	One Gang consist- ing of— No. Rs. 1 Maistry ... 12 7 Men, at Rs. 5 ... 35 * Total... 47 One Gang consist- ing of— No. Rs. 1 Maistry ... 9 10 Men, at Rs. 5... 50 † Total... 59 Establishment— 4 Section Maistries, at Rs. 15 ... 60 4 Inspectors' Writers, at „ 20 ... 80 5 Smiths, at „ 20 ... 100 5 Hammermen, at „ 6 ... 30 5 Bellows-Boys, at „ 5 ... 25 5 Carpenters, at „ 20 ... 100 2 Engineers' Lascars, at „ 7 ... 14 4 Inspectors' do. at „ 5 ... 20 1 Timekeeper... ... 20 3 Inspectors' Assistants, at „ 30 ... 90 1 do. do. ... 40 1 Sub-Inspector ... 50 147 Watchers, at „ 7 ... 1,029 † Total... 1,658 § Undermining caked ballast under pots and re- packing with sand ballast. || Renewing caked ballast with sand ballast.
	(2.)—Materials— Ballast, C. yds. 27,896, at 4 As. Rails ... Sleepers ...	5,266 8,000 16,000	|| 1,708	
	Total, Head II...	54,160	4,186	
III.	Repairs, Wages and Materials— (1.)— { Bridges and Culverts ... Tunnels ...	5,118 ...	25,193	General repairs, Rs. 5,118. Rebuilding defec- tive portion of bridges, Rs. 2,650. Protective works, etc., Rupees 1,164. Building bridges, at 1 1/2 and 1 3/4 miles, Rs. 21,179.
	(2.)— { Earthwork ... Fences ... Roads and Level crossings ... Miscellaneous ...	3,238 2,445 1,000 2,000	13,000	Earthwork for widening bank, Rupees 8,009. Drains in cuttings, Rupees 10,000.
	Total, Head III...	13,801	38,193	
IV.	Repairs, Wages, and Materials— (1.)— { Station building, yards, etc... Signals, Gate lodges, etc. ...	25,000 150	...	General repairs including terminal works.
	(2.)—Staff quarters ...	1,000	...	
	Total, Head IV...	26,150	...	
V.	Maintenance by Contract ...	...	...	
	Total, Head V...	...	...	
VI.	Unclassified Expenditure— (1.)—Plantations ... (2.)—Tools and Plant ... (3.)—Loss on Stores ...	... 1,500 50	...	
	Total, Head VI...	1,550	...	
	Grand Total...	95,661	42,379	

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
Second Division, South-West Line, from Jollarepett to Mullapooram, including Bangalore Branch.

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. {Double ... Single ...	133 1/2 10 1/2	...	133 1/2
Sidings ...	...	...	...
Total...	...	...	133 1/2

Head.	Description of Works.	Ordinary	Extra-ordinary	Remarks.
II.	Maintenance, Permanent-way—	Rs.	Rs.	
	(1.)—Wages—			
	53 Gangs, at Rs. 32-12-0 × 6	10,414	...	One Gang consisting of—
	Lorrymen	...	...	No. ...
	† Establishment at „ 1,545-0-0 × 6	9,270	...	1 Maistry ... 9 10 0
				5 Coolies, at Rs. 4-10-0 ... 23 2 0
				* Total... 32 12 0
	Establishment—			
	1 Inspector of Night Watchmen	...	...	Rs. A. P.
	4 Inspectors' Assistants, at Rs. 30	...	...	120
III.	(2.)—Materials—			
	Ballast, C. yds. 10,000, at As. 4 1/2	2,812	...	
	Rails	2,500	...	
	Sleepers	1,650	...	
	Total, Head II...	26,646	...	
	Repairs, Wages, and Materials—			
	(1.)—Bridges and Culverts	500	2,000	General repairs, Rupees 500. Protective works, Rupees 2,000.
	Tunnels	...	...	
	Earthwork	2,500	...	
IV.	(2.)—Fences	1,000	...	
	Roads and Level crossings	200	...	
	Miscellaneous	250	...	
	Total, Head III...	4,450	2,000	
	Repairs, Wages, and Materials—			
	(1.)—Station buildings, yards, etc.	2,350	...	General repairs, 1,200. Turn-table, Rupees 150.
	(2.)—Signals, Gate lodges, etc.	150	...	Gardening in station compounds, Rs. 1,000.
	(3.)—Staff quarters	2,000	...	
	Total, Head IV...	4,500	...	
V.	Maintenance by Contract	...	...	
	Total, Head V...	...	...	
	Unclassified Expenditure—			
	(1.)—Plantations	...	...	
	(2.)—Tools and Plant	2,000	...	
	(3.)—Loss on Stores	50	...	
	Total, Head VI...	2,050	...	
	Grand Total...	37,646	2,000	

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
Third Division, South-West Line, from Mullapooram to Poothanoor.

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. {Double ... Single ...	121 1/2 8 1/2	...	121 1/2
Sidings ...	...	...	...
Total...	...	...	121 1/2

Head.	Description of Works.	Ordinary	Extra-ordinary	Remarks.
II.	Maintenance, Permanent-way—	Rs.	Rs.	
	(1.)—Wages—			
	38 Gangs, at Rs. 51-8-0 × 6	11,742	...	One Gang consisting of—
	Lorrymen	...	...	No. ...
	† Establishment, at „ 1,159-2-0 × 6	6,955	...	1 Maistry ... 11 0 0
				8 Coolies, at Rs. 5-1-0 ... 40 8 0
				* Total... 51 8 0
	Establishment—			
	1 Inspector of Night Watchmen	...	...	Rs. A. P.
	4 Section Maistries, at Rs. 18-0-0	...	...	72 0 0
III.	(2.)—Materials—			
	Ballast, C. yds. 10,000, at 8 As.	5,000	...	
	Rails	5,148	...	
	Sleepers	6,065	...	
	Total, Head II...	34,910	...	
	Repairs, Wages, and Materials—			
	(1.)—Bridges and Culverts	6,059	...	
	Tunnels	500	...	
	Earthwork	600	...	
IV.	(2.)—Fences	180	...	
	Roads and Level crossings	500	...	
	Miscellaneous	...	...	
	Total, Head III...	7,839	...	
	Repairs, Wages, and Materials—			
	(1.)—Station buildings, yards, etc.	1,647	...	
	(2.)—Signals, Gate lodges, etc.	640	...	
	(3.)—Staff quarters	1,000	...	
	Total, Head IV...	3,287	...	
V.	Maintenance by Contract	...	...	
	Total, Head V...	...	...	
	Unclassified Expenditure—			
	(1.)—Plantations	...	...	
	(2.)—Tools and Plant...	600	...	
	(3.)—Loss on Stores	50	...	
	Total, Head VI...	650	...	
	Grand Total...	46,686	...	

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
Fourth Division, South-West Line, from Pothanoor to Beypore.

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. {Double... Single ...	104½ 11½	.....	104½
Sidings ...	.....	.....	.....
Total ...	.....	.....	104½

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
First Division, North-West Line, from Arconum to Cuddapah.

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. {Double... Single ...	119½ 13½	.....	119½
Sidings ...	.....	.....	119½
Total...	.....	.....	119½

Head.	Description of Works.	Ordinary	Extra-ordinary	Remarks.
II.	Maintenance, Permanent-way—	Rs.	Rs.	One Gang consisting of—
	(1.)—Wages—			No. ... Rs.
	* 35 Gangs, at Rs. 54 × 6	11,340	...	1 Maistry ... 12
	Lorrymen ...	...	...	7 Men, at 6 Rs. ... 42
	† Establishment, at „ 734 × 6	4,404	...	* Total... 54
				Establishment—
				4 Inspectors' Assistants, at Rs. 30 ... 120
				4 Do. Writers, at „ 15 ... 60
				56 Watchmen, at „ 6 ... 336
				7 Store Lascars, at „ 6 ... 42
III.	(2.)—Materials—			4 Carpenters, at „ 20 ... 80
	Ballast, C. yds. 8,000 at 6 As...	3,000	...	3 Smiths, at „ 20 ... 60
	Rails ...	200	...	3 Hammermen, at „ 8 ... 24
	Sleepers ...	26,800	9,278	3 Bellows-Boys, at „ 4 ... 12
	Total, Head II...	45,244	9,278	† Total... 734
	Repairs, Wages, and Materials—			
	(1.)— {Bridges and Culverts ... Tunnel ...	1,100	400	General repairs, Rupees 1,100. Protective works, Rupees 400.
	(2.)— {Earthwork ... Fences ... Roads and Level crossings... Miscellaneous ...	800 1,000 300 150	2,800	Making up cess bank and fence bunds. Repairing also fence Rupees 1,000. Building stone wall, Rupees 2,800.
	Total, Head III...	3,350	3,200	
IV.	Repairs, Wages, and Materials—			
	(1.)— {Station buildings, yards, etc. Signals, Gate lodges, etc. ...	2,500 400	...	
	(2.)— Staff quarters ...	1,800	...	
	Total, Head IV...	4,700	...	
	Maintenance by Contract ...	...	...	
	Total, Head V...	...	...	
	Unclassified Expenditure—			
	(1.)—Plantations ...	...	...	
	(2.)—Tools and Plant ...	1,500	...	
	(3.)—Loss on Stores ...	50	...	
VI.	Total, Head VI...	1,550	...	
	Grand Total...	51,844	12,478	

Head.	Description of Works.	Ordinary	Extra-ordinary	Remarks.
II.	Maintenance, Permanent-way—	Rs.	Rs.	One Gang consisting of—
	(1.)—Wages—			No. ... Rs.
	* 44 Gangs, at Rs. 52 × 6	13,728	...	1 Maistry ... 40
	Lorrymen ...	...	...	8 Coolies, at Rs. 5 ... 40
	† Establishment, at „ 1,973 × 6	11,838	...	* Total ... 52
				Establishment—
				2 Sub-Inspectors, at Rs. 50 ... 100
				4 Inspectors' Assistants, at „ 30 ... 120
				1 Timekeeper ... 25
				1 Inspectors' Writer ... 20
III.	(2.)—Materials—			3 Do. Writers... at „ 15 ... 45
	Ballast, 14,000 C. yds. at 4 As...	3,500	...	5 Section Maistries at „ 15 ... 75
	Rails ...	2,000	...	1 Store Watchman ... 8
	Sleepers ...	2,000	...	1 Do. at „ 7 ... 42
	Total, Head II...	33,066	...	6 Do. at „ 7 ... 30
	Repairs, Wages, and Materials—			1 Blacksmith ... at „ 17 ... 34
	(1.)— {Bridges and Culverts ... Tunnels ... Earthwork ... Fences ... Roads and Level crossings... Miscellaneous ...	1,200 1,100 3,500 300 109	2,200	2 Do. at „ 6 ... 18
	Total, Head III...	6,200	2,200	3 Hammermen, at „ 5 ... 15
	Repairs, Wages, and Materials—			3 Bellows-men, at „ 5 ... 20
	(1.)— {Station buildings, yards, etc. Signals, Gate lodges, etc. ...	3,500 200	...	1 Carpenter ... at „ 17 ... 34
IV.	(2.)— Staff quarters ...	1,500	...	2 Do. at „ 10 ... 20
	Total, Head IV...	5,200	...	1 Tinker ... 10
	Maintenance by Contract ...	...	...	1 Painter... 10
	Total, Head V...	...	...	1 Sawyer... 7
	Unclassified Expenditure—			1 Do. at „ 7 ... 14
	(1.)—Plantations ...	1,500	...	2 Lascars, at „ 5 ... 20
	(2.)—Tools and Plant ...	50	...	4 Store Coolies, at „ 7 ... 500
	(3.)—Loss on Stores ...	...	...	80 Day Watchmen, at „ 7 ... 630
	Total, Head VI...	1,550	...	40 Night do., at „ 7 ... 126
	Grand Total...	43,016	2,200	† Total... 1,973

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
Second Division, North-West Line, from Cuddapah to Goondacul.

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line... {Double ... Single ...	...	...	...
Sidings ...	111	...	...
Total...	74	...	111

Head.	Description of Works.	Ordinary	Extra-ordinary	Remarks.
I.	Maintenance, Permanent-way— (1.)—Wages— 38 Gangs, at Rs. 47 × 6 Lorrymen ... † Establishment at Rs. 1,552 × 6	Rs. 10,716 9,312	Rs.	One Gang consisting of— No. ... 1 Maistry ... 7 Coolies, at Rs. 5 ... * Total... Establishment— 3 Inspectors' Assistants, at Rs. 30 1 Inspector of Night Watchmen ... 1 Timekeeper ... 4 Writers, ... 4 Section Maistries, at Rs. 15 6 Store Watchers, at " 20 1 Carpenter Maistry, at " 7 1 Carpenter ... 1 Do. ... 1 Do. ... 2 Blacksmiths, at Rs. 20 2 Hammermen, at " 8 2 Bellows-men, at " 6 1 Painter ... 2 Store Coolies, at Rs. 6 2 Engineers' Lascars, at " 7 106 Watchmen, at " 6 † Total... 1,552
II.	(2.)—Materials— Ballast, C. yds. 32,832 at Rs. 0.3-8 Rails ... Sleepers ...	Rs. 7,524 180 2,400	Rs.	
	Total, Head II...	30,132	...	
III.	Repairs, Wages, and Materials— (1.)— {Bridges and Culverts... Tunnels ... Earthwork ... (2.)— {Fences ... Roads and Level crossings ... Miscellaneous ...	Rs. 770 2,000 1,500 354 500	Rs. 7,770 2,022 5,500	General repairs, Rs. 770. Protective Works, Rupees 7,770. General repairs, Rupees 2,000. Diverting Stream at 223 Rupees 49. Diverting Channel at 238 Rupees 1,973. General repairs, Rupees 500. Building Groin at 211 Rupees 1,500. Cutting Drains, Rupees 4,000.
	Total, Head III...	5,124	15,292	
IV.	Repairs, Wages, and Materials— (1.)— {Station buildings, yards, etc. ... Signals, Gate lodges, etc. ... (2.)— Staff quarters...	Rs. 1,230 35 335	Rs. 800	General repairs, Rupees 1,230. Building back verandah at Condapooram Station, Rs. 800.
	Total, Head IV...	1,600	800	
V.	Maintenance by Contract	...	...	
	Total, Head V...	...	...	
VI.	Unclassified Expenditure— (1.)—Plantations ... (2.)—Tools and Plant ... (3.)—Loss on Stores ...	Rs. ... 500 50	Rs.	
	Total, Head VI...	550	...	
	Grand Total...	37,406	16,092	

Proceedings of the Madras Government, Public Works Department,
31st July 1874.

ESTIMATE FOR MAINTENANCE, HALF-YEAR ENDING 31ST DECEMBER 1874.
Third Division, North-West Line, from Goondacul to Raichore, including Bellary Branch.

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line... {Double ... Single ...	108	...	...
Sidings ...	104	...	...
Total...	...	...	108

Head.	Description of Works.	Ordinary	Extra-ordinary	Remarks.
I.	Maintenance, Permanent-way. (1.)—Wages— 70 Gangs, at Rs. 55 × 6 Lorrymen ... † Establishment, at Rs. 1,138 × 6	Rs. 23,100 6,828	Rs.	One Gang consisting of— No. ... 1 Maistry ... 7 Coolies, at Rs. 6 ... * Total... Establishment— 1 Sub-Inspector ... 1 Inspector's Assistant at Rs. 30 3 Do. do. ... 1 Timekeeper ... 3 Writers, ... 1 Do. ... 10 Store Watchers, at " 7 2 Lascars, ... 1 Carpenter at Rs. 20 3 Do. ... 3 Blacksmiths, at " 8 3 Hammermen, at " 5 3 Bellows-Boys, ... 1 Tinker ... 1 Painter ... 8 Coolies, at " 18 3 Maistries, ... 1 Maistry ... 61 Watchmen, at Rs. 7 † Total... 1,138
II.	(2.)—Materials— Ballast, C. yds. 45,000 at 4 As. Rails ... Sleepers ...	Rs. 11,250 507 1,000	Rs.	
	Total, Head II...	42,678	...	
III.	Repairs, Wages, and Materials— (1.)— {Bridges and Culverts... Tunnels ... Earthwork ... (2.)— {Fences ... Roads and Level crossings ... Miscellaneous ...	Rs. 2,200 3,000 1,500 209 500	Rs.	
	Total, Head III...	7,400	...	
IV.	Repairs, Wages, and Materials— (1.)— {Station buildings, yards, etc. ... Signals, Gate lodges, etc. ... (2.)— Staff quarters	Rs. 1,300 200 1,200	Rs. 319 ... 1,123	† General repairs, Rupees 1,300. Additional water-supply at Adony Station, Rupees 319. † General repairs, Rs. 1,200. Dwelling-houses for the Traffic Subordinate Staff at Anupree Station, Rs. 247. Do. do. at Adoni Station " 741. Re-tiling Bungalows at Bellary do. " 135.
	Total, Head IV...	2,700	1,442	
V.	Maintenance by Contract	...	...	
	Total, Head V...	...	...	
VI.	Unclassified Expenditure— (1.)—Plantations ... (2.)—Tools and Plant ... (3.)—Loss on Stores ...	Rs. 3,400 50 ...	Rs.	
	Total, Head VI...	3,450	...	
	Grand Total...	56,238	1,442	

MADRAS,
26th June 1874.

(Signed) F. B HANNA,
for Acting Chief Engineer.
C

*Proceedings of the Madras Government, Public Works Department,
31st July 1874.*

No. 709.

ORDER THEREON, 31st July 1874, No. 2,078.

RAILWAY, No. 80.

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

(True Extract.)

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

No. 710.

(DOCKET, No. 2,079, dated 31st July 1874.)

Copy of the above forwarded to the Government of India.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

12
35
47
90
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96
52

Exd. T. O'Connor.

Spare Copies

Railway Department.

CONSULTING ENGINEER'S OFFICE.

No. 393

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 Government of India, eight statements showing the sanctions from Revenue funds for the maintenance of the open line of the Madras Railway Company for the half-year ending 31st December 1874.

I have the honour to be
Sir

Your most obedient servant

W. H. Conder Lieut. Col.,
for Consulting Engineer for Rly.

Madras

7th July 1875

W. H. Conder

Head

Head

Head

Head

Head

W. H. Conder
for Rly.

1st Division

Miles

Main Line. { Double. ✓
Single. ✓

Sidings. ✓ ...

Head.

Maint

(1.) WAGE

* R.R. Gar
Ech

Ma
7th July 1901
R.R. Gar

for Consulting Engineer for R.R.

Mr. 4161 / 74
3

Plg. 2730 July/74
Lass N° 708.

La S N^o 768.
including Bangalore Pr.

2nd Division..... S West Line

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. { Double. ✓	"	"	✓
Single. /	133 $\frac{1}{4}$	"	133 $\frac{1}{4}$ ✓
Sidings. ✓	10 $\frac{3}{4}$ ✓		
		Total. ✓	133 $\frac{1}{4}$ ✓

Head.	Description of Works.	Ordinary.	Extraordinary.	REMARKS.
		Rupees.	Rupees.	
	Maintenance, Permanent Way. ✓			
(1)	WAGES. ✓			
	* Gangs. at Rs. 32. 12. 0 x 6.5	10414	✓	1 Gang consisting of No. 6. 0 1. Maistry 9. 10. ✓ 5. Coolies. at 4/10p. 28. 2. ✓ * Total Rupees. 32. 12. ✓
	... Lorrymen ✓	"	✓	
	* Establishment at Rs. 1545. . . x 6.5	9270	✓	Establishment. 1. Inspector of Night Watchmen ✓ Rs. 50. . . ✓ 4. Inspectors of Sub-stations at 30/- 120. . . ✓ 5. do Watchmen 15/- 75. . . ✓ 1. Store Watchman 20. . . ✓ 188. Line Watchmen at 6/- 1128. . . ✓ 1. Blacksmith 15. . . ✓ 1. Hammerman 6. . . ✓ 1. Bellows Boy 3. . . ✓ 1. Carpenter 15. . . ✓ 1. Smith 15. . . ✓ 2. Sappers at 7/- 14. . . ✓ 12. Store Watchmen 7/- 84. . . ✓ * Total Rupees. 1545. . . ✓
(2)	MATERIALS. ✓			
	Ballast. 10000 C. Yds. at 11 1/2 Annas	2812	✓	
	Rails. ✓	2500	✓	
	Sleepers. ✓	1650	✓	
	Total Head II.	26666		
	Repairs, Wages and Materials. ✓			
(1)	{ Bridges and Culverts ✓	500	2000 ✓	General Repairs Rs. 500/ Protective Works Rs. 2000/
	{ Tunnels ✓	"	✓	
	{ Earthwork. ✓	2500	✓	
	{ Fences.	1000	✓	
(2)	{ Roads and Level Crossings. ✓	200	✓	
	{ Miscellaneous ✓.	250	✓	
	Total Head III.	4450	2000	
	Repairs, Wages and Materials. ✓			
(1)	{ Station buildings, yards, &c. ✓.	2350	✓	General Repairs Rs. 1200/ Turn Table Rs. 150/
	{ Signals, Gate Lodges, &c. ✓	150	✓	Gardening in Station Compounds Rs. 1000/
(2)	Staff Quarters ✓	2000	✓	

Maintenance by Contract. ✓...		...	...	Total Head IV. ✓	14,500.
Unclassified Expenditure ✓				Total Head V. ✓	
(1)	Plantations. ✓	...	...	...	
(2)	Tools and Plant ✓...	...	...	...	2000
(3)	Loss on Stores. ✓...	...	...	...	50
Total Head VI. ✓					2050.
Grand Totals. ✓					37,646

Francis B. Howard
for Ag. Chief Engineer;

MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE,
26th June

CHIEF ENGINEER'S OFFICE,
26th June 1874.

4^d Division

Miles M

Main Line. { Double. ✓
Single. ✓...

Sidings. ✓

Head.

Main

(1.) WAGE

x 35. Gal

.....Loi

* Establis

114

(2.) MATI

Ballast.

Rails 4.

Sleeper

Rep

(1) $\left\{ \begin{array}{l} \text{Bridge} \\ \text{Tunne} \end{array} \right.$

Earth

Fence

Roads

(Miscel

III.

Repa

(1) $\left\{ \begin{array}{l} \text{Static} \\ \text{Signal} \end{array} \right.$

(2.) Staff Q.

MADRAS RAILWAY.

Estimate for Maintenance.

Half year ending 31st December 1874.

1st Division West Line from Arcot to Cuddalore

M. 416/74

P. 730 July/74
S. 708

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. { Double. ✓ Single. ✓	" 119 1/2	"	119 1/2
Sidings. ✓	13 1/4	"	13 1/4
Total...			119 1/2

Head.	Description of Works.	Ordinary. Rupees.	Extraordinary. Rupees.	REMARKS.
Maintenance, Permanent Way. ✓				
I.	(1) WAGES. ✓			1 Gang Consisting of - 1. Gang Leader at Rs. 120 8. Cooks at 5/- 40 * Total Rupees, 52. - - -
	* 4th. Gangs. at Rs. 52 x 65	13,728	"	
	 Lorrymen ✓	"	"	
	* Establishment. at Rs. 1973 x 65	11,838	"	
II.	(2) MATERIALS. ✓			<u>Establishment</u> 2. Sup. Inspectors ✓ at 50/- Rs. 100 4. Inspectors Assistants ✓ at 30/- 120 1. Inspectors ✓ 25 1. Inspectors ✓ 20 8. do ✓ at 15/- 45 1. Station Master ✓ 75 1. Sign. Watchman ✓ 8 6. Sign. Watchmen ✓ at 7/- 42 1. Blacksmith ✓ 30 2. do ✓ at 17/- 34 3. Hammermen ✓ 15 3. Collars men ✓ 5 1. Carpenter ✓ 30 2. do ✓ at 17/- 34 1. Joiner ✓ 10 1. Painter ✓ 10 1. Sawyer ✓ 10 1. do ✓ 2. Tinsmiths ✓ at 7/- 14 4. Store Carriers ✓ 20 80. Sign. Watchman ✓ 800 90. Sign. Watchman ✓ 600 13. Sign. Watchman ✓ 120 * Total Rupees, 1973. - - -
	Ballast. 14,000 C Yds. at 14 Annas	3500	"	
	Rails ✓	2000	"	
	Sleepers ✓	2000	"	
	Total Head II.	33,066	"	
Repairs, Wages and Materials. ✓				
III.	(1) ✓			
	Bridges and Culverts ✓	1200	"	
	Tunnels ✓	"	"	
	Earthwork ✓	1100	"	
	Fences ✓	3500	"	
(2) ✓	Roads and Level Crossings ✓	300	"	
	Miscellaneous ✓	100	"	
	Total Head III.	6,200	2,200	
Repairs, Wages and Materials. ✓				
IV.	(1) ✓			
	Station buildings, yards, &c. ✓	3500	"	
	Signals, Gate Lodges, &c. ✓	200	"	
	(2.) Staff Quarters ✓	1500	"	

MADRAS RAILWAY.

CHIEF ENGINEER'S OFFICE,

1874.

V. ✓	Maintenance by Contract ✓	Total Head IV. ✓	6,200
VI. ✓	Unclassified Expenditure. ✓	Total Head V. ✓	"
	(1) Plantations ✓		1500
	(2) Tools and Plant ✓		50
	(3) Loss on Stores ✓		"
	Total Head VI. ✓		1550
	Grand Total ✓		14,016

MADRAS RAILWAY.

Estimate for Maintenance.

Half year ending 31st December 1874.

2nd Division West Line from Guddapah to Coondacol.

Mr. 41611

pg. 730 July 1874
In Rs. 708

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. { Double. ✓ Single.	" 111	.	111
Sidings. ✓	7 1/2		
		Total...	111 1/2

Head.	Description of Works.	Ordinary. Rupees.	Extraordinary. Rupees.	REMARKS.
	Maintenance, Permanent Way.			
(1.) WAGES. ✓				1 Gang Consisting of 5 1 Maistry 12. Rs. P. 7 Coolies at 5/- 35. .. ✓ * Total Rupees 47. .. ✓
* 32. Gangs. ✓ at Rs. 147 x 65		10716	✓	Establishment
..... Lorrymen ✓			✓	3 Inspectors Assistants ✓ at 30/- Rs. 90. .. ✓
* Establishment. at Rs. 1552 x 65		9312	✓	1 Inspector of Night Watchmen ✓ 25. .. ✓
(2.) MATERIALS. ✓				4 Sweepers ✓ 60. .. ✓ 4 Peeters ✓ at 15/- 60. .. ✓ 6 Station Maistry ✓ 20/- 80. .. ✓ 1 Store Watcher ✓ 4/- 42. .. ✓ 1 Carpenter Maistry ✓ 30. .. ✓ 1 Carpenter ✓ 22. .. ✓

MADRAS RAILWAY.

Estimate for Maintenance.

Half year ending 31st December 1874.

2nd Division West Line from Guddapah to Coondacul

Mr. L. B. 11/14
Pg. 730 July 1874
In B. A. 708.

Miles Maintained.	Departmentally.	By Contract.	Total.
Main Line. { Double. ✓	"	.	111
Single.	111	.	
Sidings. ✓	7 1/2		
		Total...	111 1/2

Head.	Description of Works.	Ordinary. Rupees.	Extraordinary. Rupees.	REMARKS.
	Maintenance, Permanent Way. ✓			
(1.) WAGES. ✓				1 Gang Consisting of 5 1 Master 12. As. P. 7 Coolies at 5/- 35. " " ✓ * Total Rupees 47. " " ✓ Establishment 3 Inspectors Assistants at 30/- 90. " " ✓ 1 Inspector of Night Watchmen 25. " " ✓ 1 Sub-chief 25. " " ✓ 4 Peons at 15/- 60. " " ✓ 6 Section Masters 20/- 80. " " ✓ 1 Store Watcher 4/- 4. " " ✓ 1 Carpenter Master 30. " " ✓ 1 Carpenter 23. " " ✓
	* 32 Gangs at Rs 147 x 65	10,716	.	
	 Lorrymen ✓	'	.	
	* Establishment at Rs 1552 x 65	9,312	.	
(2.) MATERIALS. ✓				

P. W. 1874 Dept.
P.W. 1874
RAILWAY DEPARTMENT.

From

The Consulting Engineer
for Railways,

To

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

Dated

Recd.

7th July 1874.

No. 393
E. 8.

Submitting statement
showing the sanction from
Rev. Funds for maintenance
of the opening of the road
for the half-year ending
31 December 1874

2078
Order that these statements be

4161

Govt. of 1874 Madras.

PUBLIC WORKS.

The Comr. In-charge of the
Secy. to Govt. of Madras
Recd. Encl. 8

G. O. 31st July 1874, No. 7077

Nos. 7084/10.

Madras Railway -

Statements showing the
sanctions from Revenue
funds for the maintenance
of the open line of the Madras
Ry Co for the half year
ending 31st Decr/74, ordered
to be forwarded to the Secy
of India -