

(1) Number of pages 113

(2) Date of repair 27 1 28

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 1714	Press
709-710	Mis.
Dated 30 - 5 - 1866 .	

Not to be folded or roughly handled

[Signature]

Proceedings of the Madras Government, Public Works Department.
30th May 1866.

No. 709. Read the following letter from the Acting Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 17th May 1866, No. 221 :—

1. I have the honor, with reference to paragraph 2 of G. O. dated the 3rd instant, No. 1,425, to forward revised returns* of accidents for the year 1865, prepared in accordance with the new forms received from the Government of India with Circular dated 7th April last, No. 7.

2. I also forward a classified abstract of accidents to servants of Companies and of Contractors, as per form attached to the note by the Under Secretary to the Government of India, in the Public Works Department.

3. From the examples given in the new forms, I observe that the information required in letter from Under Secretary to Government of India, dated 9th March 1863, No. 1,086, paragraph 2, with respect to reprimands or punishments, need not be given in future.

Vide G. O. Financial (Railway) Department,
dated 25th March 1863, No. 141.

TABLE No. I.

Return of the number and nature of the accidents and the injuries to life and limb which have occurred on all the Madras and Great Southern of India Railways open for traffic during the year 1865.

Date.	Nature and cause of accidents.	CLASSIFICATION OF ACCIDENTS TO TRAINS, &c.					PASSENGERS.			SERVANTS OF COMPANIES OR OF CONTRACTORS.			OTHER PERSONS.					
		Main heads.				Sub-heads.	Killed.	Injured.	From causes beyond their own control.	Killed.	Injured.	From causes beyond their own control.	Killed.	Injured.	Whist crossing at level crossings.	Whist trespassing including suicide.	Miscellaneous.	
		I. Collisions.	II. Getting off per line.	III. Fire.	IV. Running over cattle.	V. Other causes.												Distinguishing letter of column in Return No. 3.
1865.	MADRAS RAILWAY.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
January 3rd ...	An old woman had her right arm cut off by the wheels of an engine at the Vellore Station.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 15th ...	Native threw himself on rails of South-West Line and was killed.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17th ...	Pointsman at the Bangalore Station was severely injured upon attempting to get off an engine. He died shortly after.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17th ...	At a level crossing on the Bangalore Branch a Pointsman attempted to get on the engine of a Special Train. He was run over and killed.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18th ...	The engine of a Train while passing a level crossing on the South-West Line struck one of the gates. The Gateman was knocked down, and died shortly after.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30th ...	Watchman was run over and killed on the South-West Line.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February 12th	Another Watchman was killed in the same way.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Proceedings of the Madras Government Public

Works Department, 30th May 1866.

" 12th ...	Watchman supposed to have been standing on the South-West Line was killed.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 14th ...	Cooly woman on the Bangalore Branch upon attempting to get on a wagon attached to a Balast Train, had one leg broken and the other injured.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March 8th ...	Night Watchman was killed on the Bangalore Branch.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27th ...	A Goods Train on the South-West Line came into collision with a Special Train employed collecting wood. Five wagons were completely smashed and engine slightly damaged. Three Coolies were killed and twenty-four wounded.	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May 1st ...	Of the latter four died. A Cooly was killed by a horse-box running off the turn-table to which it was shunted.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 4th ...	An old woman was killed while crossing the South-West Line.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 4th ...	An Ordinary Train ran into the wagons of a Special Wood Train which were left on the South-West Line. The wood work of the brake van of the latter Train was smashed and one wagon was thrown off the line. Two Coolies were killed and seven slightly injured.	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 6th ...	An aged Naive was killed at a foot-path crossing on the South-West Line.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
June 14th ...	A Buffaloe was run over by a Train from Jolarapet to Bangalore. Two wagons were thrown off the line.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July 17th ...	Gang Mistry was run over on the South-West Line and severely injured.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26th ...	At the Vellore Station a Porter was run over and killed.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE, No. I.—(Concluded.)

[illegible]

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Acting-Consgr. Engr for Railways.

Proceedings of the Madras Government, Public Works Department.
30th May 1866.

TABLE No. II.

Numerical abstract of accidents to persons of all classes on the Madras Railways open for traffic during 1865.

	MADRAS.				TOTAL.		
	Madras.		G. S. of India.				
	Killed	Injured	Killed	Injured	Killed	Injured	Killed and injured
<i>Passengers.</i>							
From causes beyond their own control, viz. :—							
From the accidents to trains ...	...	...	...	...	...	...	...
From other causes ...	...	...	...	...	...	...	...
Total number ...	...	...	...	...	...	...	...
Per million of Passengers ...	...	...	...	...	...	...	...
From their own misconduct or incaution ...	...	...	...	...	...	...	...
Per million of Passengers... ..	...	...	...	...	...	...	...
Total from all causes... ..	...	...	...	...	...	...	...
<i>Servants of Companies and of Contractors.</i>							
From causes beyond their own control ...	10	27	...	...	10	27	37
From their own misconduct or incaution...	14	3	1	...	15	3	18
Total from all causes ...	24	30	1	...	25	30	55
<i>Other Persons.</i>							
Crossing at level crossings ...	2	...	...	...	2	...	2
Trespassers including suicide ...	4	1	...	...	4	1	5
Miscellaneous ...	...	...	...	...	...	...	...
Total from all causes ...	6	1	...	...	6	1	7
Grand total of all classes from all causes...	30	31	...	...	31	31	62
Mean length of Railway open during the year, ... Miles.	584		79		663		
Number of Passengers carried ...	1,783,869		393,292		2,077,161		
Total mileage (Goods and Passengers) ...	1,312,637		126,735		1,449,372		
Number of servants employed ...	8,999		567		9,566		

MADRAS,
17th May 1866.

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Acting Consgr. Engr. for Railways.

Numerical abstract of accidents to Trains, &c., on open lines of Railway in the Madras Presidency, during 1865, showing their causes and the number of persons killed and injured thereby.

TABLE No. III.

Proceedings of the Madras Government, Public Works Department.
30th May 1866.

Nature of accidents.	Number of accidents.				Number of passengers and engines.		Number of servants of Companies and of Contractors.		Other persons not passengers or servants of Companies and of Contractors.		Total number of servants, passengers, and others.		Apparently unavoidable or not accounted for.		Defects in rolling stock or road and works.			Neglect or defects in management or discipline.						Improper interference by persons not under the control of the Company.		Malicious acts of persons not under the control of the Company.												
	Killed.		Injured.		Killed.		Injured.		Killed.		Injured.		Killed.		Injured.		Rolling stock.		Road works.		Fences.		Locomotive Department.		Guard.		Traffic Department.		Working Signallers and Telegraph.		Pointsmen.		Gatekeepers and Police.		Workmen employed on Line.			
Madras Railway (610 miles open.)	3													a	b	c	d	e	f	g	h	i	j	k	l	m	n											
I. Collisions ...																			2	1																		
II. Getting off proper line.	1																																					
III. Fire ...																																						
IV. Running over cattle.	1																1																					
Total ...	5																1		2	1																		
Great Southern of India Railway (79 miles open.)																																						
Nil.																																						

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Acting Consgr. Engr. for Railways.

MADRAS,
17th May 1866.

Table No. IV.
Showing the total number of accidents of all kinds to Trains, &c., on the Madras Railways open for traffic during the year 1865.

Presidency.	Length of Rail-way open.	Total num-ber of acci-dents to Trains, &c., of all kinds.	Total num-ber of Pass-engers car-ried.	Average number of Passengers per mile open.	PASSENGERS.		SERVANTS.		TRESPASSERS, &c.		TOTAL.			
					Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed and Injured.	
Madras ...	663	6	2,177,161	3,284	...	...	10	27	6	1	31	31	62	
Total ...	663	5	2,177,161	3,284	...	...	10	27	6	1	31	31	62	

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Acting Consig. Engr. for Railways.

MADRAS,
17th May 1866.

Classified abstract of accidents to Servants of Companies and of Contractors.

	Madras.			
	Madras Railway.		Great Southern of India Railway.	
	Killed.	Injured.	Killed.	Injured.
I. From causes beyond their own control, viz:—				
(a) Servants employed on Trains in motion.				
1. Collisions ...	10	27	...	...
2. Trains running into sidings, or off their proper line through points being wrong.	...	...	...	...
3. Trains or engines getting off rails ...	...	...	...	...
4. Accidents arising from defects in rolling stock ...	...	...	...	...
5. Miscellaneous ...	...	...	...	...
Total ...	10	27	...	...
(b) Servants employed in stations or on line.				
1. Run over or crushed between buffers while coupling or uncoupling carriage or wagon ...	...	...	...	...
2. Run over while shunting Trains ...	...	...	...	...
3. Run over or struck while properly performing other duties ...	...	...	...	...
4. Miscellaneous ...	...	...	...	...
Total ...	...	...	...	...
II. From incaution or misconduct, viz:—				
(a) Servants employed on Trains in motion.				
1. Collisions...	...	...	...	...
2. Attempting to get upon or off or falling from engines or carriages in motion ...	4	1	...	...
3. Miscellaneous ...	...	...	...	...
Total ...	4	1	...	...
(b) Servants employed in stations or on line.				
1. Crushed between buffers, or run over while coupling or uncoupling carriages or wagons ...	...	1	1	...
2. Run over or struck while shunting train.	...	...	...	...
3. Run over or struck while incautiously crossing, standing, or walking upon Railway...	10	1	...	...
4. Miscellaneous ...	...	...	...	...
Total ...	10	2	1	...
Grand Total ...	24	30	1	...
Train Mileage... ..	1,312,637		136,735	

MADRAS,
17th May 1866.

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Acting Consig. Engr. for Railways.

*Proceedings of the Madras Government, Public Works Department,
30th May 1866.*

No. 710. ORDER THEREON, 30th May 1866, No. 1,714.

RAILWAY, No. 69.

Ordered that the letter above recorded and its enclosures be communicated to the Government of India:—

(Here enter No. 1,715, dated 30th May 1866.)

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Railways.

Exd. S. T. Augustin.

PUBLIC WORKS DEPARTMENT.
FORT SAINT GEORGE,
30th May 1866.

No. 1,715.

No. 711.
To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

RAILWAY, No. 70.

I am directed by the Right Honorable the Governor in Council to forward, in compliance with the instructions

contained in the Circular of the Government of India, No. 7, under date the 7th April 1866, a copy of a letter from the Acting Consulting Engineer for Railways giving cover to revised returns and a classified abstract of the accidents which occurred on the Railways in this Presidency during the year 1865.

I have the honor to be,
Sir,

Your most obedient servant,

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Exd. S. T. Augustin.

Railway Department.

13
CONSULTING ENGINEER'S OFFICE,

No. 221.

From

Major J. A. M. Shaw Stewart R.E.
Acting Consulting Engineer for Railways,

To

Colonel L. A. Orr R.E.
Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

N^o I. II. III & IV

I have the honor, with reference to paragraph 2 of G. O. dated the 3rd instant, N^o 1425, to forward revised Returns of Accidents for the year 1885, prepared in accordance with the new Forms received from the Government of India with Circular dated 7 April last, N^o 7 -

2 I also forward a Copied Abstract of Accidents to servants of Companies and of Contractors, as per form attached to the Note by the Under Secretary to the Government of India in the Public Works Department -

From

3 From the examples given in the new
Forms, I observe that the information required
in letter from Under Secretary to Government of
India dated 9 March 1863, No 1086, paragraph 2, with
respect to reprimands or punishments, need not be
given in future.

vide G.O. 72/R/
Dy. dated 25 March
1863 No 141.

Madras
14 May
1863

I have the honor to be,
Sir,
Yr most obedt servant
James Stewart Esq. M.A. Secy
Acting Secretary for Railways

110.

Wash D Grav^l & M. Repts^l
of 17th May/66 H^u 221-

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I have been thinking of you
 and wondering how you are getting on.
 I hope you are well and happy.
 I have been very busy lately,
 but I will try to write to you more often.
 I love you very much.
 Your affectionate mother,
 Mary.

1

Table No 4.

[illegible]

2 11/11/12 3:00 PM

Railway Department

From

The Consulting Engineer

for Railways.

To

The Secretary to Government,

Public Works Department,

Fort Saint George,

Dated

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Revised Returns of

Decidants for the

Year 1865-

8-10-79

ca 23rd May 1886. Da. 26th

1714-1715-30 May 1966

Table No IV
 Showing the Total number of Accidents of all kinds to trains &c on the Madras Railways
 open for Traffic during the Year 1865

Presidency	Length of Railway open	Total num. ber of Acci- dents to Trains &c of all kinds	Total number of Passengers Carried	Average number of Passengers per mile open	Passengers		Servants				Injures &c.		Total			
					Killed	Injured	Beyond	Within	own Control	Injures	Killed	Injured				
Madras	663	5	2,171,161	3284			10	27	15	3			31	62		
Total	663	5	2,171,161	3284			10	27	15	3	6	1	31	62		

Madras
 17 May 1865
Manthorpe
 Acting Consulting Engineer for Railways

I have the honor to acknowledge the receipt of your letter of the 11th inst. in relation to the proposed alterations in the Madras Railway, & to the delay in the completion of the same. I have the honor to inform you that the same have been referred to the Committee of the Madras Railway, & that they are now under consideration. I have the honor to inform you that the same have been referred to the Committee of the Madras Railway, & that they are now under consideration. I have the honor to inform you that the same have been referred to the Committee of the Madras Railway, & that they are now under consideration.

Table III

Numerical Abstract of Accidents to Trains &c. on open lines of Railway in the Madras Presidency during 1865, Showing their Causes and the number of persons killed and injured thereby

Name of Accidents	Number of Accidents		Number of Persons		Number of other persons		Total		Classification of Accidents						under the Contract of the Company		
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Defects in Rolling Stock or Road and works			Neglect or Defects in Management or Discipline			under the Contract of the Company	under the Contract of the Company	
									Rolling stock	Road and works	Stores	Defective equipment	Ignorance	Working staff			Malicious mischief
Madras Railway (610 miles open)																	
1 Collisions																	
11 Getting off proper line																	
111 Fire																	
111 Running over Cattle																	
Total	5		9	21					9	21							
Great Southern of India Railway (99 miles open)																	
Not																	

Madras
17 May 1865

Handwritten signature
Acting Consulting Engineer for Railways

Handwritten notes and signatures at the bottom of the page, including a large signature and various remarks.

Table No. II

Numerical abstract of Accidents to persons on the Indian Railways open for traffic during 1865.

	Males				Total
	Males		Females		
Passengers.	Killed	Injured	Killed	Injured	Killed & Injured
From causes beyond their own control: viz.					
From the Accidents to trains	"	"	"	"	"
From other causes	"	"	"	"	"
Total number					
Per million of Passengers					
From their own misconduct or in connection	"	"	"	"	"
Per million of Passengers	"	"	"	"	"
Total from all causes					
Servants of Companies and of Contractors					
From causes beyond their own control	10	27	1	10	37
From their own misconduct or in connection	14	9	1	13	28
Total from all causes	24	30	1	25	55
Other Persons					
Confined to Level crossings	2	4	0	2	2
Trespassers including suicide	4	1	0	4	5
Miscellaneous	"	"	"	"	"
Total from all causes	6	1	0	6	7
Grand Total of all classes from all causes	30	31	1	31	62
Main length of Railway open during the year	584	79		663	
Number of Passengers carried	1,783,869	393,292		2,177,161	
Total mileage of Goods & Passengers	1,912,697	136,735		2,049,432	
Number of servants employed	8,999	567		9,566	

Males }
 Females }
 Total }
 17 1/2 million lbs. }
 New South Wales }
 Railway }
 for Railways }

Jade N: I

Table No. 1
Return of the number and nature of the accidents and the injuries to life and limb which have occurred on all the Atlantic & Great Indian of India Railways open for traffic during the year 1865 in

Date	Nature and Cause of Accident	Classification of Accident & Cause		Fatalities	Injuries	Property Damaged	Other Notes
		Classification	Cause				
1885							
January 3	An old woman had her right arm cut off by the wheel of an engine at the Belle Station.	Collisions	Getting off proper line				
15	John Smith himself in hands of South West Line and was killed.	Fire	Running over cattle				
17	Frederick at the Bangalore Station was severely injured when attempting to get off an engine. He died shortly after.	Other Causes	Other Causes				
17	A level crossing on the Bangalore Branch a person attempted to get on the engine of a special train. He was run over and killed.						
18	The engine of a train while passing a level crossing by the South West Line struck the 4th and did shortly after.						
20	Watchman was run over and killed on the South West Line.						
February 12	Watchman was killed in the same way.						
12	Watchman supposed to have been standing on the South West Line was killed.						
14	Coaly woman in the Bangalore Branch upon attempting to get on a lighter attached to a 4th level train, had her leg broken and the other injured.						
March 8	High Watchman was killed on the Bangalore Branch.						
27	A Great Train on the South West Line came into collision with a Special Train. Engines killed, many wounded. Engines slightly damaged. Three cars were killed and many persons injured. Of the latter, four died. One man killed by a horse being running off the line. A woman was killed while carrying the South West Line.						
April 4	An ordinary train ran into the Bangalore Special. The engine was killed and the train was wrecked. The engine was killed and the train was wrecked. The engine was killed and the train was wrecked.						
June 14	A Special was run over by a train from Jallandhar to Bangalore. The train was wrecked and the engine was killed. The train was wrecked and the engine was killed.						
July 17	Young man was run over on the South West Line and severely injured.						
26	At the Belle Station a Police man was run over and killed.						

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Proc. 30. May/86 In L 709

Relatified Abstract of Accidents to Servants of Companies and of Contractors

		Madras	
		Madras Railway	Great Southern of India Railway
		Killed	Injured
I From Causes beyond their own Control viz			
(a) Servants employed on Trains in motion			
1 Collisions		10	27
2 Trains running into Sidings or off their proper and through from being way			
3 Trains or engines getting off rails			
4 Accidents arising from defects in Rolling Stock			
5 Miscellaneous			
	Total	10	27
(b) Servants employed in Stations or on Land			
1 Run over or crushed between buffers while coupling or uncoupling Carriages or Wagons			
2 Run over while shunting trains			
3 Run over or struck while properly performing other duties			
4 Miscellaneous			
	Total		

		Total	
II From an Error or misconduct viz			
(a) Servants employed on Trains in motion			
1 Collisions		4	1
2 Attempting to get upon or off or falling from Engines or Carriages		4	1
3 Miscellaneous			
	Total	4	1
(b) Servants employed in Stations or on Land			
1 Crushed between buffers or run over while coupling or uncoupling Carriages or Wagons			
2 Run over or struck while shunting Trains			
3 Run over or struck while intentionally coupling standing or shunting Carriages or Wagons		10	1
4 Miscellaneous			
	Total	10	2
	Grand Total	24	30

Train Mileage 1312,637 136,735

Madras 17 May 1883

Shankar Das Acting Consulting Engineer for Railways

2

continued

contained in the Circular
 of the Port of India
 No. 7, under date the 7th
 April 1866, a copy of
 a letter from the Acting
 Consulting Engineer for
 Railways, giving cover to
 several Returns and a
 classified abstract of
 the Accidents which oc-
 curred on the Railways
 in this Presidency during
 the year 1865.

Forst George
 30th May 1866

Recd 31st May with G.O. No. 1715/66

40

(5)

P. W. 186 O. Department.

Proc. of Govt for May

No. 174875

PROCEEDINGS OF GOVERNMENT. *of Mass.*

Dated *30th May 1866*

*Received by the
Hon. Secy of the
War Dept. May 30th 1866
J. A. Smith*

*Passing orders on a letter
from the Consulting Engineer forward-
ing, revised, returns and a classified
abstract of accidents on the Railways
in this Presidency during 1865.*

L. 709. 710. 9711.