
A P P E N D I X.

LIST OF APPENDIX.

Appendix, No. 1.

Papers handed in by Mr. J. K. Cross (a Member of the Committee):	PAGE
Correspondence regarding Indian Railway Policy, 1881-84 (with Map) - - -	437

Appendix, No. 2.

Paper handed in by Mr. J. K. Cross (a Member of the Committee):	
Report of Indian Famine Commission, 1880, Part II., Chapter V., Section 10, Railways (pages 169 to 174) - - - - -	588

Appendix, No. 3.

Paper handed in by Mr. Birkmyre, 2 May 1884:	
Statement showing present and past Rates per Maund for Grain carried to Bombay by the Great Indian Peninsula Railway, and the Per centage of Increase and Decrease on present Rates - - - - -	593

Appendix, No. 4.

Papers handed in by Major Gordon, 6 May 1884:	
Statement X.—Abstract Account of the Government of India for the Year 1882-83 -	594
Statement Y.—Abstract Account of the Government of India for the Year 1882-83 -	594

Appendix, No. 5.

Papers handed in by the Chairman, 16 May 1884:	
Letter from Mr. Juland Danvers to the Chairman of the Committee, dated India Office, S.W., 16 May 1884 - - - - -	595
Memorial of the Bengal Chamber of Commerce - - - - -	595
Memorial of the Bombay Chamber of Commerce - - - - -	597
Appendix A.—Results of the Working of the Goods Traffic of the Rajputana-Malwa Metre Gauge Railway, compared with that of the B. B. & C. I. and other Broad Gauge Railways.—(From a communication addressed to the Chamber of Commerce) - - - - -	603
Appendix B.—Memorandum as to Relative Cost of Rolling Stock on Broad and Metre Gauge Railways.—(From a communication addressed to the Chamber of Commerce) - - - - -	605
Appendix C.—Extract from a Communication addressed to the Chamber of Commerce regarding the Cost and other Inconveniences of Transhipment at a Break of Gauge - - - - -	607
Bombay Chamber of Commerce.—Railway Extensions in India - - - - -	608
Proceedings of the General Meeting of the Members of the Bombay Chamber of Commerce, held on the 11th of February 1884 - - - - -	608

Appendix, No. 6.

Minute of Dissent to Despatch of 16 August 1883 - - - - -	620
---	-----

Appendix, No. 7.

Papers handed in by Mr. James Westland, 27 May 1884:	
1.—Statistics of Indian Railways - - - - -	622
2.—Statistics of Indian Railways - - - - -	622
3.—Statistics of Indian Railways - - - - -	623
Payments of Interest on Indian Debt in each Year - - - - -	623
Statement of Outstanding Debt of India - - - - -	623

Appendix, No. 8.

Paper handed in by Mr. Westland :	PAGE
Loss and Gain on Sterling Borrowing - - - - -	624

Appendix, No. 9.

Papers handed in by Mr. Westland :	
Present Financial Position of the Government of India - - - - -	630
Financial Results of the Proposals of the Government of India - - - - -	640

Appendix, No. 10.

Papers handed in by Mr. Westland, and referred to in his Evidence, 23 May 1884, Q. 5121 :	
Recent and Proposed Capital Outlay on Railway Construction - - - - -	645
(1.)—By the Government of India - - - - -	645
(2.)—By Companies, exclusive of Guarantees - - - - -	645
Twelve Years' Accounts, 1871-2 to 1882-3 - - - - -	646

Appendix, No. 11.

Paper handed in by Mr. Samuelson :	
Indian Railway Construction.—Statement of J. Lowthian Bell, F.R.S., Chairman of the British Iron Trade Association - - - - -	647

Appendix, No. 12.

Papers handed in by Mr. Rendel, 10 June 1884 :	
1.—Extract from "The Railroad Gazette," 27 July 1883.—The Cheapest Railroad Working in the World - - - - -	649
2.—Indian Railways.—Average Traffic passing over each Mile Daily in 1882 - - - - -	651
3.—Comparison between the East Indian, the Great Indian Peninsula, the Rajpootana-Malwa, and the Bombay, Baroda, and Central India Railways in 1883, and in other Years when the Traffic on the other Lines approximated to that of the Rajpootana-Malwa in 1883 - - - - -	653

Appendix, No. 13.

Extract from the Report from the Select Committee on East India (Public Works), Session 1879 :	
Evidence of Sir Thomas Lawrence Seccombe, K.C.S.I., C.B., 14 March 1879 - - - - -	654

Appendix, No. 14.

Extract from the Report from the Select Committee on East India (Public Works), Session 1879—continued :	
Evidence of Sir Thomas Lawrence Seccombe, K.C.S.I., C.B., 20th and 21st March 1879 - - - - -	665

Appendix, No. 15.

Paper handed in by Mr. Wood, and referred to in his Evidence, 5 April 1884, Q. 2278 :	
Memorandum elucidating Object in placing accompanying Tables before Select Committee - - - - -	691
Estimates showing the Advantage of taking up Indian Loans in England instead of in India - - - - -	692

Appendix, No. 16.

Papers handed in by Mr. Waterfield, 18 June 1884 :	PAGE
Abnormal Charges from 1871-72 to 1882-83	693
Famine Relief and Insurance, 1881-82 to 1884-85	693
Per-centage on Capital Outlay, of Net Earnings of certain Railways, Five Years after their Completion	694
Famine Relief, 1873-74, to 1882-83	694
Statement showing a Distribution of the Charge for the Exchange on Transactions with London in 1882-83, over the Transactions in England during that Year	695
Statement of the Net Disbursements of the Home Treasury of the Government of India in each of the Years from 1867-68 to 1884-85 (those in respect of Railways and Irrigation being shown separately from those on other Accounts), and of the Mode by which the Disbursements were provided for	696
Capital Outlay on Public Works of all kinds from 1867-68 to 1884-85	698

Appendix, No. 17.

Papers handed in by Mr. Cross (a Member of the Committee):	
Copy of Telegram from Viceroy, dated Simla, 23 June 1884	700
Copy of Despatch from the Secretary of State for India to His Excellency the Most Honourable the Governor General of India in Council, dated India Office, London, 27 May 1884	702
Enclosures :	
Memorandum.—Direct Financial Results of the Government Transactions connected with Indian Railways	704
No. 1.—Direct Financial Results of the Transactions connected with Indian Railways in India and England	706
No. 2.—Exchange in connection with Railway Capital Transactions embodied in the Statement of Direct Financial Results (No. 1)	708

Appendix, No. 18.

Paper handed in by Mr. R. W. Crawford :	
East Indian Railway Company.—Appendix, showing the Working of the Undertaking the Four Years 1880—1883	710

Appendix, No. 19.

Papers handed in by Major L. Conway-Gordon, R.E., and referred to in his Evidence, 6th May 1884, Question 3507 :	
[Issue V.—No. 1 A.] :	
Abstract Statement of Public Works Expenditure, from Year 1867-68 to 1884-85	714
[Issue V.—No. 1 A.; Schedule E] :	
F.—Famine Relief and Insurance.	
33. Protective Works, Railways	716
[Issue V.—No. 1 A.; Schedules F. and G.] :	
G.—Expenditure on Productive Public Works (Revenue Account) :	
36. State Railways (Working Expenses)	716
37. Guaranteed Railways (Interest and Excess Profits)	718
[Issue V.—No. 1 A.; Schedule H.] :	
Detailed Statement showing Interest on Debt incurred for Productive Public Works, from 1867-68 to 1884-85	720
[Issue V.—No. 1 A.; Schedules K., L., and M.] :	
H.—Expenditure on Public Works not classed as Productive.	
40. State Railways, Revenue	722
42. Subsidized Railways	722
43. Frontier Railways	723

Appendix, No. 19 - *continued.*

Papers handed in by Major L. Conway-Gordon, R.E., &c.— <i>continued.</i>	PAGE
[Issue V.—No. 1 A.; Schedules N. and O.]:	
N.—Expenditure on Productive Public Works (Capital Account).	
50. State Railways - - - - -	724
51. Irrigation and Navigation - - - - -	726
[Issue V.—No. 1 B.]:	
Abstract Statement of Public Works Revenue from 1867-68 to 1884-85 - - -	728
[Issue V.—No. 1 B.; Schedules A. and B.]:	
G.—Revenue from Productive Public Works.	
XXV.—State Railways (Gross Receipts) - - - - -	730
XXVI.—Guaranteed Railways (Net Traffic Receipts) - - - - -	732
[Issue V.—No. 1 B., Schedules C. and D.]:	
H.—Receipts from Public Works not classed as Productive.	
XXIX.—State Railways - - - - -	732
XXX.—Subsidized Railways - - - - -	733
[Issue V.—No. 2 A.]:	
Abstract of Public Works Operations from the Year 1867-68 to 1884-85.	
Capital or Block Expenditure - - - - -	734
[Issue V.—Nos. 2 B. and 2 C.]:	
Abstract of Public Works Department Revenue (or Maintenance) Operations from the Year 1867-68 to 1884-85.	
Receipts - - - - -	736
Revenue (or Maintenance) Working Expenses - - - - -	738
[Issue V.—Nos. 3 A. and 3 C. (b)]:	
Abstract Statement of Railway Transactions from the Years 1867-68 to 1884-85.	
Total Expenditure - - - - -	740
Revenue - - - - -	742
[Issue V.—No. 3 B.]:	
Abstract Account of Railway Transactions from Commencement to 1884-85.	
Capital or Block Expenditure - - - - -	744
[Issue V.—No. 3 D.]:	
Abstract Account of Railway Transactions from 1867-68 to 1884-85.	
Revenue (or Maintenance) Working Expenses - - - - -	746
[Issue V.—No. 3 C. (a)]:	
Abstract Account of Railway Transactions from 1867-68 to 1884-85.	
Revenue (or Maintenance) Receipts - - - - -	748
[Issue V.—Nos. 4. 7]:	
Statement showing the direct Annual Gain or Loss to the State from Railway Outlay since 1858 - - - - -	750
[Issue V.—Nos. 8 A., 8 B., and 8 C.]:	
Revenue Accounts of the State Railways for the Financial Year 1881-82 - - -	751
Revenue Accounts of the State Railways for the Financial Year 1882-83 - - -	752
Revenue Accounts of the State Railways for the Financial Year 1883-84 - - -	753
[Issue V.—Nos. 9 A., 9 B., and 9 C.]:	
Administrative Transactions of the State Railways for the Financial Year 1881-82	754
Administrative Transactions of the State Railways for the Financial Year 1882-83	756
Administrative Transactions of the State Railways for the Financial Year 1883-84	758
[Issue V.—Nos. 10 A., 10 B., and 10 C.]:	
Revenue Accounts of the Guaranteed Railways for the Half-year ending 30th June 1882 - - - - -	760
Revenue Accounts of the Guaranteed Railways for the Half-year ending 31st December 1882 - - - - -	760
Revenue Accounts of the Guaranteed Railways for the Half-year ending 30th June 1883 - - - - -	761
[Issue V.—No. 10 D.]:	
Approximate Revenue Accounts of the Guaranteed Railways for the Half-year ending 31st December 1883 - - - - -	761

Appendix, No. 19—*continued.*

Papers handed in by Major L. Conway-Gordon, M.E., &c.— <i>continued.</i>	PAGE
[Issue V.—No. 11]:	
Revenue Account of the East Indian Railway - - - - -	761
[Issue V.—Nos. 12 A. to 12 D.]:	
Revenue Accounts of the State Railways for the Half-year ending 30th June 1882	762
Revenue Accounts for the State Railways for the Half-year ending 31st December 1882 - - - - -	763
Revenue Accounts of State Railways for the Half-year ending 30th June 1883 - - - - -	764
Approximate Revenue Accounts of the State Railways for the Half-year ending 31st December 1883 - - - - -	766
[Issue VI.—Nos. 1 to 5]:	
Exports of Wheat from India from Year 1871-72 to December 1883 - - - - -	766
Imports of Wheat into England from the Year 1876 to 1883 - - - - -	767
Exports of Seeds (Indian Produce) from India from the Year 1871-72 to 1882-83	768
Imports of Iron into India, from the Year 1871-72 to 1882-83 - - - - -	769
Imports of Steel into India, from the Year 1871-72 to 1882-83 - - - - -	769
[Issue VII.—No. 1 A.]:	
Statement showing the Mileage, Average Age, Cost, and General Results of Working of all Indian Railways up to the Year 1880 - - - - -	770
[Issue VII.—No. 5]:	
Exports of Indian Wheat from each Province in British India, from 1866-67 (11 months) to 1882-83 - - - - -	783
[Issue VII.—No. 8]:	
Quantities and Value of "Cotton Piece Goods" Imported from Foreign Ports into each Province of British India from 1866-67 (11 months) to 1882-83 - - - - -	788
[Issue VII.—No. 9]:	
Quantities and Value of "Iron" Imported from Foreign Ports into the several Provinces of British India, from 1866-67 (11 months) to 1882-83 - - - - -	784

Appendix, No. 20.

Paper handed in by Major L. Conway-Gordon, M.E., and referred to in his Evidence, 13th May 1884, Question 4101:	
Despatch from the Government of India to Her Majesty's Secretary of State for India, dated Simla, 18th August 1883 - - - - -	785

Appendix, No. 21.

Papers handed in by Major L. Conway-Gordon, M.E., and referred to in his Evidence, 13th May 1884, Question 4192:	
[Issue I.—Nos. 1 to 4]:	
Statement showing Railways open for Traffic on 29th February 1884 - - - - -	788
Statement showing Railways under Construction on 29th February 1884 - - - - -	789
Railways entered in Schedule A. - - - - -	790
Railways entered in Schedule B. - - - - -	791

Appendix, No. 22.

Papers handed in by Major L. Conway-Gordon, M.E., and referred to in his Evidence, 13th May 1884, Question 4316:	
Resolution by the Government of India, Public Works Department (Nos. 1174-80 R., dated 6th October 1868) - - - - -	792
Table showing the Maxima Fares and Rates sanctioned for all Guaranteed Railways - - - - -	796

Appendix, No. 23.

PAGE

Papers handed in by Major L. Conway-Gordon, R.E., and referred to in his Evidence of 18th May 1884, Question 4388:

[Issue IV.—No. 1]:

Comparative Statement showing the Cost of Construction of Broad and Narrow Gauge Railways, based on the Capital Outlay, on 31st December 1882 - - 796

[Issue IV.—Nos. 2 A. to 2 F.]:

Abstract Statistics of Working Indian Railways:	
Cost of Working Units of Traffic—Coaching Traffic (Half-year ending 30th June 1881) - - - - -	798
Cost of Working Units of Traffic—Coaching Traffic (Half-year ending 31st December 1881) - - - - -	799
Cost of Working Units of Traffic—Coaching Traffic (Half-year ending 30th June 1882) - - - - -	800
Cost of Working Units of Traffic—Coaching Traffic (Half-year ending 31st December 1882) - - - - -	801
Cost of Working Units of Traffic—Coaching Traffic (Half-year ending 30th June 1883) - - - - -	802
Cost of Working Units of Traffic—Coaching Traffic.—General Abstract - - -	803

[Issue IV.—Nos. 3 A. to 3 F.]:

Abstract of Statistics of Working Indian Railways:	
Cost of Working Units of Traffic—Goods Traffic (Half-year ending 30th June 1881) - - - - -	804
Cost of Working Units of Traffic—Goods Traffic (Half-year ending 31st December 1881) - - - - -	805
Cost of Working Units of Traffic—Goods Traffic (Half-year ending 30th June 1882) - - - - -	805
Cost of Working Units of Traffic—Goods Traffic (Half-year ending 31st December 1882) - - - - -	807
Cost of Working Units of Traffic—Goods Traffic (Half-year ending 30th June 1883) - - - - -	808
Cost of Working Units of Traffic—Goods Traffic.—General Abstract - - -	809

[Issue IV.—Nos. 4 A. to 4 F.]:

Abstract Statistics of Working Indian Railways:	
Carrying Capacity (Coaching Traffic).—Half-year ending 30th June 1881 - - -	810
Carrying Capacity (Coaching Traffic).—Half-year ending 31st December 1881 - - -	811
Carrying Capacity (Coaching Traffic).—Half-year ending 30th June 1882 - - -	812
Carrying Capacity (Coaching Traffic).—Half-year ending 31st December 1882 - - -	813
Carrying Capacity (Coaching Traffic).—Half-year ending 30th June 1883 - - -	814
Carrying Capacity (Coaching Traffic).—General Abstract - - - - -	815

[Issue IV.—Nos. 5 A. to 5 F.]:

Abstract Statistics of Working Indian Railways:	
Carrying Capacity (Goods Traffic).—Half-year ending 30th June 1881 - - -	816
Carrying Capacity (Goods Traffic).—Half-year ending 31st December 1881 - - -	817
Carrying Capacity (Goods Traffic).—Half-year ending 30th June 1882 - - -	818
Carrying Capacity (Goods Traffic).—Half-year ending 31st December 1882 - - -	819
Carrying Capacity (Goods Traffic).—Half-year ending 30th June 1883 - - -	820
Carrying Capacity (Goods Traffic).—General Abstract - - - - -	821

[Issue IV.—Nos. 7 A. to 7 F.]:

Abstract Statistics of Working Indian Railways:	
Cost of Working (Maintenance).—Half-year ending 30th June 1881 - - -	822
Cost of Working (Maintenance).—Half-year ending 31st December 1881 - - -	823
Cost of Working (Maintenance).—Half-year ending 30th June 1882 - - -	824
Cost of Working (Maintenance).—Half-year ending 31st December 1882 - - -	825
Cost of Working (Maintenance).—Half-year ending 30th June 1883 - - -	826
Cost of Working (Maintenance).—General Abstract - - - - -	827

Appendix, No. 23—continued.

Papers handed in by Major L. Conway-Gordon, a.n., &c.—continued.	PAGE
[Issue IV.—Nos. 8 A. to 8 F.]:	
Abstract of Statistics of Working Indian Railways:	
Cost of Working (Traffic).—Half-year ending 30th June 1881	828
Cost of Working (Traffic).—Half-year ending 31st December 1881	829
Cost of Working (Traffic).—Half-year ending 30th June 1882	830
Cost of Working (Traffic).—Half-year ending 31st December 1882	831
Cost of Working (Traffic).—Half-year ending 30th June 1883	832
Cost of Working (Traffic).—General Abstract	833
[Issue IV.—Nos. 9 A. to 9 F.]:	
Abstract of Statistics of Working Indian Railways:	
Cost of Working (Locomotive).—Half-year ending 30th June 1881	834
Cost of Working (Locomotive).—Half-year ending 31st December 1881	835
Cost of Working (Locomotive).—Half-year ending 30th June 1882	836
Cost of Working (Locomotive).—Half-year ending 31st December 1882	837
Working Expenses (Locomotive).—Half-year ending 30th June 1883	838
Cost of Working (Locomotive).—General Abstract	839
[Issue IV.—Nos. 10 A. to 10 F.]:	
Abstract of Statistics of Working Indian Railways:	
Cost of Working (Carriage and Wagon).—Half-year ending 30th June 1881	840
Cost of Working (Carriage and Wagon).—Half-year ending 31st December 1881	841
Cost of Working (Carriage and Wagon).—Half-year ending 30th June 1882	842
Cost of Working (Carriage and Wagon).—Half-year ending 31st December 1882	843
Cost of Working (Carriage and Wagon).—Half-year ending 30th June 1883	844
Cost of Working (Carriage and Wagon).—General Abstract	845
[Issue IV.—Nos. 11 A. to 11 F.]:	
Abstract of Statistics of Working Indian Railways:	
Cost of Working (General Charges).—Half-year ending 30th June 1881	846
Cost of Working (General Charges).—Half-year ending 31st December 1881	847
Cost of Working (General Charges).—Half-year ending 30th June 1882	848
Cost of Working (General Charges).—Half-year ending 31st December 1882	849
Cost of Working (General Charges).—Half-year ending 30th June 1883	850
Cost of Working (General Charges).—General Abstract	851

Appendix, No. 24.

Paper handed in by Major L. Conway-Gordon, a.n., and referred to in his Evidence of 16th May 1884, Question 4396:	
Financial Results of the Transactions connected with the Working of the Indian Railways	852

Appendix, No. 25.

Statement handed in by Major L. Conway-Gordon, a.n., and referred to in his Evidence of 27th May 1884, Question 5363	853
--	-----