

**BOMBAY, BARODA AND
CENTRAL INDIA RAILWAY**

**Open Line Programme
for
1945-46**

BOMBAY BARODA & CENTRAL INDIA RAILWAY
ABSTRACT OF CAPITAL AND DEPRECIATION FUND PROGRAMME FOR 1945-46

Open Line Works

(Figures in thousands of rupees)

	Accounts, 1943-44	Budget Estimate, 1944-45	Revised Estimate, 1944-45	Budget Estimate, 1945-46
I.—ROLLING STOCK—				
Locomotives	-14,12	15	..	15
	16,19	10,33	1,64	1,24
Boilers	..	..	..	..
Carriages	-20,34	8,97	4,33	58,85
	34,21	24,16	18,34	31,80
Wagons	-2,67	2,32	2,38	6,15
	72,80	16,14	18,77	12,89
Ferries	..	..	..	..
Total Rolling Stock	-56,43	11,44	6,71	65,15
	83,29	50,63	38,75	45,93
II.—WORKS—				
Track renewals	-4,22	2,18	4,39	2,18
	25,47	27,04	20,11	26,39
Bridge works	1,23	-32	1,88	45
	4,48	1,64	2,46	37
Other structural and engineering works	-4,87	28,82	18,88	57,53
	16,47	9,60	7,52	12,23
Collieries	-1,54	-1,11	..	..

Total Works	-9,40	29,57	25,15	60,16
	46,42	38,28	30,09	38,99
III.—MISCELLANEOUS—				
Stores suspense	48,96	10,95	25	10,00
Manufacture suspense	10,77	-2,30	-3,61	..

Credits for released materials	-8,65	-10,24	-12,50	-3,52
Total Miscellaneous	59,73	8,65	-3,36	10,00
	-8,65	-10,24	-12,50	-3,52
GRAND TOTAL	-5,70	49,66	28,50	1,35,31
	1,21,06	78,67	56,34	81,40
Write off of the capital cost of dismantled lines.	1,61	..	..	..
Write off of the capital cost of assets abandoned before 1924-25.	-3,09	..	-10,47	..
Probable savings	..	-7,24	..	-22,82
	..	-12,16	..	-15,23
Net	1,13,88	1,08,93	74,37	1,78,61
<i>Non-voted</i>	..	2	..	..
Voted	1,13,88	1,08,91	74,37	1,78,61

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY

Open Line Programme for 1945-46

NOTE.—Figures in *italics* represent expenditure from the Depreciation Fund and those in brackets represent expenditure from Ordinary Revenue.

Item No.	Particulars of works	Anticipated cost	(Figures in thousands of rupees)		
			Outlay expected upto end of 1944-45	Outlay proposed for 1945-46	Balance to complete work
A.—WORKS IN PROGRESS					
Engineering and Structural Works other than Bridge Works and Track Renewals					
1	Wadhwan—Loco repairs facilities and staff quarters required at—on account of transfer of the Gaekwar's Mehsina Railways to Baroda Govt.	1,97 6	1,33 6	50	14
2	B. G. System—Introduction of general pooling of locomotives on the—		6,06 34	5,28 41	..
	(a) Additional equipment	9,13 52			..
	(b) Additional machinery	2,13 1			..
	(c) Renewal of Machinery in loco sheds	8 22			..
3	Ajmer—Providing an additional 400 K.W. Oil Engine-driven generating plant with accessories and switchgear for the Power House	1,50	1,37	13	..
4	Broad Gauge System—Interlocking the last stop signal at stations—on the double line, with Tyer's Double Line Block Instruments	2,92	75	2,17	..
5	B. G. System. Paving Coal Stacking grounds and constructing masonry coal bins at Engine Sheds on the	10,50	3,00	7,50	..
6	B. G. System, Inglis Appleton Report (Item 34). Quarters for additional train Control staff on the	1,10	50	60	..
	Works costing not more than a lakh each			1,90 90	..
	Total			18,08 1,31	..
Bridge Works					
	Rail Openings—Providing rail girders instead of timber frames at certain—on Main Line and Branches on the M. G.	1,32 66	1,12 53	20 2	..
	Works costing not more than a lakh each			10 10	..
	Total			30 12	..
	Total—"A" Works in Progress			18,38 1,43	..

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY

(Figures in thousands of rupees)

Item No.	Particulars of works	Outlay incurred in 1943-44	Outlay expected in 1944-45	Outlay proposed in 1945-46
B.—TRACK RENEWALS				
10	Complete track renewals	1,39 1,90	25 40	25 40
11	Rail renewals	1 10,35	1,83 8,84	1,83 7,87
12	Sleeper renewals	2 8,31	10 17,80	10 18,12
Total—" B " Track Renewals				2,18 26,39
C.—NEW WORKS				
Engineering and Structural Works other than Bridge Works and Track Renewals.		Anticipated cost	Outlay proposed for 1945-46	Balance to complete-work
<i>Works for which provision has not been made in a previous budget</i>				
13	B. G. System—Improvements to Water Supply on the—	1,00 ..	1,00..	....
14	Gangapur City and Dohad—Rehabilitation of Generating Plant in Power Houses at—	1,42 1,00	55 40	87 ..
15	Bandikui and Abu Road—Rehabilitation of Generating Plant in Power Houses at—	1,51 46	83 23	68 23
16	Bombay Local Section—Providing a new Traction Sub-Station suitable for supervisory control operation located between Grant Road and Bandra	13,05 ..	7,00 ..	6,05 ..
17	Phulera—Providing one double tank type Hot Water Wash-out plant for Loco Shed at—	1,30 ..	1,30..	....
18	Sabarmati, Rewari, Mhow and Neemuch—Providing one single tank for hot water wash-out plant for Loco Shed at—	4,00 ..	4,00..	....
19	Jaipur, Alwar, Mehsana and Kishangarh—Providing water softening plants at—	1,20 ..	1,20..	....
20	Works costing not more than Rs. 1 lakh each.	..	..	..
	Staff Quarters	..	1,00	..
	Other works	..	1,35 2,25	....
	Total	..	18,23 2,38	....
Bridge Works				
21	<i>Works for which provision has not been made in a previous budget</i>	..	..	..
	Works costing not more than Rs. 1 lakh each	..	15 25	..
	Total	..	15 25	..
Total " C " New Works			18,38 3,13	..
Grand Total Works			38,94 30,95	..

BOMBAY BARODA & CENTRAL INDIA RAILWAY

(Figures in thousands of rupees)

Item No.	Particulars of works	Anticipated cost	Outlay expected upto end of 1944-45	Outlay proposed for 1945-46	Balance to complete work
MACHINERY					
WORKS IN PROGRESS					
22	Replacement Machinery Programme 1939-40 (Shops).	1,31 49	53 20	78 29	....
23	Replacement Machinery Programme 1940-41 (Shops).	1,45 78	1,04 56	41 22	....
24	Replacement Machinery Programme 1941-42 (Shops).	1,10 10	.. ..	1,10 10	....
25	<i>Works costing not more than a lakh each :—</i> Replacement of Machinery in Wagon Machine Shop, Mabalakhsmi.	30 65	.. 14	30 51	....
Total Works in Progress		.. ..	.. ..	2,59 1,12	....
NEW WORKS					
26	Central Shop, Ajmer :—				
	(i) Replacement of Machinery during 1945-46.	5,09 2,20	..	5,09 2,20	....
	(ii) Additional Machinery required during 1945-46.	1,78 ..	..	1,78..	....
27	C. & W. Shops, Ajmer :—				
	(i) Replacement of Machinery during 1945-46.	1,65 1,68	..	1,65 1,68	....
28	Parel Shop :—				
	(i) Replacement of Machinery during 1945-46.	13 2,20 (82)	..	13 2,20	....
	(ii) Additional Machinery required during 1945-46.	71 ..	..	71..	....
29	Dohad Shop :—				
	(i) Replacement of Machinery during 1945-46.	.. 68 (47)	..	.. 68	....
	(ii) Additional Machinery required during 1945-46.	3,30 ..	..	3,30..	....
30	Running Sheds :—				
	(i) Replacement of Machinery during 1945-46.	1,13 16 ..	..	1,13 16..	....
	(ii) Additional Machinery required during 1945-46.	4,80 ..	..	4,80..	....

BOMBAY BARODA & CENTRAL INDIA RAILWAY

(Figures in thousands of rupees)

Item No.	Particulars of work	Anticipated cost	Outlay expected upto end of 1944-45	Outlay proposed for 1945-46	Balance to complete work
31	Works costing not more than a lakh each— Plant and Machinery :—				
	Additional Machinery required during 1945-46.	.. 4	..	.. 4	..
<hr/>					
Total New Works :—					
	(i) Replacement of Machinery during 1945-46.	..	..	8,00 6,92	....
	(ii) Additional Machinery required during 1945-46.	10,63
		..			
		..			
	Total Machinery	21,22 8,04	
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BOMBAY BARODA AND CENTRAL INDIA RAILWAY

Item No.	Particulars of works	Anticipated cost	(Figures in thousands of rupees)		Balance to complete work
			Outlay expected up to end of 1944-45	Outlay proposed for 1945-46	
ROLLING STOCK					
<i>Items for which provision has been made in a previous budget</i>					
LOCOMOTIVES					
<i>Additions</i>					
Broad Gauge					
32	Providing electrical Speedometers to 70 Engines on the B. G. System (1939-40).	29	14	15	..
	Total Additions			15	..
<i>Replacements</i>					
Metre Gauge					
33	Renewal of complete boiler casing plates of 6G2, 5P, and 4F class Boilers (1939-40).	1,95	1,47	19	29
34	Renewal of complete boiler casing plates of 6G2, 3P, 3M and 3F class Boilers (1940-41)	2,02	50	50	1,02
35	Renewal of complete boiler casing plates of 6P, 4M, and 6G2 class Boilers (1941-42).	2,43	50	20	1,73
36	Renewal of complete boiler casing plates of 5P, 5M, and 5F2 and F3 class Boilers (1942-43).	2,43	20	20	2,03
37	Renewal of complete boiler casing plates of 5D, 3H, 4M2 class Boilers (1943-44).	1,75	20	5	1,50
38	Renewal of complete boiler casing plates of 6P class Boilers (1944-45).	87	2	5	80
	Total—Replacements			1,19	
	Total—LOCOMOTIVES			15	1,19
CARRIAGES					
<i>Additions</i>					
Broad Gauge					
39	2 Third class Electric motor coaches (1937-38)	4,85	..	4,85	..
40	Providing bars to windows and safety Catches in compartments of lower class carriages reserved for women passengers on the B.G. System (1941-42).	15	8	7	..
Metre Gauge					
41	1 Tool Van for Bridge Inspector (1940-41)	7	6	1	..
42	Providing bars to windows and safety catches in compartments of lower class carriages reserved for women passengers on the M. G. System (1941-42).	20	3	10	7
	Total—Additions			5,03	

BOMBAY BARODA AND CENTRAL INDIA RAILWAY

(Figures in thousands of rupees)

Item No.	Particulars of Works	Anticipated cost	Outlay expected upto end of 1944-45	Outlay proposed for 1945-46	Balance to complete work
<i>Replacements</i>					
<i>Broad Gauge</i>					
43	18 Bogie III class (1941-42)	39 7,30	27 5,11	12 2,19	....
44	4 Bogie II and III class (1941-42)	10 1,88	7 1,32	3 56	....
45	1 Bogie III class (in lieu of 1 Bogie III with ½ mail 1941-42).	14 27	10 19	4 8	....
46	6 Bogies Luggage and Guard (1941-42)	34 2,23	24 1,56	10 67	....
47	1 Bogie III Luggage and Guard (1941-42)	8 37	6 26	2 11	....
<i>Metre Gauge</i>					
48	4 Bogie III class and mail Vans (1937-38)	46 1,30	18 42	28 88	....
49	3 Bogie III class and mail Vans (1938-39)	39 94	15 33	24 61	....
50	3 Bogie Luggage Vans (1939-40)	32 57	2 3	30 54	....
51	15 Bogie III class and brake Vans (1939-40)	1,25 4,14	10 40	1,15 3,74	....
52	1 Tool Van for Signal Inspector (1939-40)	.. 7	.. 6	.. 1	....
53	16 Bogie III class, Luggage and brake Vans (1941-42)	.. 4,84 (86)	.. 20	.. 1,88	.. 2,76
54	5 Bogie Brake Vans (1941-42)	76 97	12 15	36 45	28 37
55	2 Bogie Luggage Vans (1941-43)	.. 41 (16)	.. 5	.. 13	.. 23
56	10 Bogies I and II class (1941-42)	2,22 2,85	18 20	2,04 2,65	....
57	13 Bogie I, II and III class (1941-42)	.. 4,67 (81)	.. 20	.. 4,47	....
58	Converting 13 T's into accident relief and medical vans (1941-42)	1,01 11 (1)	.. ..	50 5	51 6
59	Converting 24 T's into Motor Trucks	49 30	17 12	32 18	....
60	Rebuilding 50 Bogie III class bodies on old underframes (1942-43)	.. 11,58	.. 9,22	.. 2,36	....
61	Building 5th and 6th Ambulance trains	.. 2,60	.. 1,50	.. 1,10	....
Total—Replacements				5,50 22,66	
Total—Carriages				10,53 22,66	

BOMBAY BARODA AND CENTRAL INDIA RAILWAY

(Figures in thousands of rupees)

Item No.	Particulars of works	Anticipated cost	Outlay expected upto end of 1944-45	Outlay proposed for 1945-46	Balance to complete work
WAGONS					
<i>Additions</i>					
Metre Gauge					
62	Fitting vacuum piping to Goods Stock (1937-38)	96	61	35	..
63	Fitting vacuum piping to Goods Stock (1938-39)	1,00	55	45	..
64	Fitting A V B to 86 Z/3 Wagons	47 15	16 5	31 10	..
65	Fitting A V B to 43 Z/4 Wagons	17	6	11	..
	Total—Additions			1,22 10	
<i>Replacements</i>					
Metre Gauge					
66	160 Steel Covered wagons (1939-40)	1,22 6,47	1,00 5,00	22 1,47	..
67	1 Kerosene oil van (1940-41)	3 3	2 1	1 2	..
68	280 Steel covered wagons (1942-43)	7,19 11,70	1,30 2,16	5,89 9,54	..
69	4 Bogie rail wagons	36 32	5 6	31 26	..
	Total—Replacements			6,43 11,29	
70	Adjustment of the original cost of stock scrapped without replacement			-1,50 1,50	
	Total—WAGONS			6,15 12,89	
<i>Items for which provision has not been made in a previous budget</i>					
LOCOMOTIVES					
<i>Replacements</i>					
Metre Gauge					
71	Renewal of complete boiler casing plates of 6P and 4F class Boilers	3,12	..	5	3,07
	Total—LOCOMOTIVES			5	
CARRIAGES					
<i>Additions</i>					
Broad Gauge					
72	48 Electric Suburban Coaches	67,90	..	45,59	22,31
	Total—Additions			45,59	

BOMBAY BARODA AND CENTRAL INDIA RAILWAY

(Figures in thousands of rupees)

Item No.	Particulars of works	Anticipated cost	Outlay expected upto end of 1944-45	Outlay proposed for 1945-46	Balance to complete work
<i>Replacements</i>					
Broad Gauge					
73	17 Bogie III class	1	--	--	1
		8,83	..	5,89	2,94
74	1 Bogie luggage and guard	5	..	5	..
		43	..	43	..
Metre Gauge					
75	22 Bogie III class	5,36	..	2,68	2,68
		5,64	..	2,82	2,82
Total—Replacements				2,73	
				9,14	
Total—CARRIAGES				48,32	
				9,14	
TOTAL—ROLLING STOCK				65,15	
				45,93	
TOTAL FINAL HEADS				1,25,31	
				84,92	

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY

Stores Transactions for 1945-46

(Figures in thousands of rupees.)

DEBITS.	Budget Estimate, 1945-44.	CREDITS.	Budget Estimate, 1945-46.
Balance at commencement of the year :—			
(a) Stores in Stock (other than those in Grain and Grocery Shops).	1,75,60		
(b) Outstanding stores suspense balance	—2,21		
(c) Outstanding in Stock Adjustment Account	23,28		
(d) Stocks in Grain Shops & Standards Cloth Shops	75		
(e) Stocks in Grocery Shops	75		
Total	1,97,42		
ISSUES DURING THE YEAR.			
RECEIPTS DURING THE YEAR			
I.—English Stores—			
(1) Stores for Works		I.—To Works Capital and Depreciation Fund	31,98
(2) General purposes stores—		II.—To Capital Manufacture Suspense—	
(a) Stores		(i) Locomotive Workshops	} 2,80,25
(b) Other expenditure		(ii) Carriage and Wagon Workshops	
Total—English charges		(iii) Engineering Workshops	
		(iv) Electrical Workshops	
		(v) Signal Workshops	
		(vi) Printing Press	
(3) Loss/gain by exchange		III.—To Colloery Account	
(4) Customs duty		IV.—To Revenue	1,05,82
(5) Other Indian charges on English Stores		V.—Sales and Transfers	6,00
Total—English Stores		VI.—Sales by Grain Shops & Standard Cloth Shops	1,25,20
		VII.—Sales by Grocery Shops	3,35
		VIII.—Loss in Grain Shops and Standard Cloth Shops transferred to Revenue Accounts	90,55
		IX.—Loss in Grocery Shops transferred to Revenue Accounts	
II.—Indian Purchases—		Total credits during the year	6,43,15
(1) Stores for Works	3,70,86	Anticipated balance at close of the year :—	
(2) Stores for General purposes		(a) Stores in Stock (other than those in Grain & Grocery Shops).	1,80,60
(3) Grain Shops Supplies & Standard Cloth Supplies	2,20,00	(b) Outstanding Stores suspense balance	—2,21
(4) Grocery Shops Supplies	4,00	(c) Outstanding in Stock Adjustment Account	
Total—Indian Purchases	5,94,86	(d) Stocks in Grain Shops	27,53
		(e) Stocks in Grocery Shops	1,50
III.—Receipts from Manufacture into Stores	45,00	Total	2,07,42
IV.—Materials returned from Works—		GRAND TOTAL	8,59,57
(i) Workshop material	13,19	Net Debit or credit during the year	
(ii) Other material			+ 10,00
V.—Other Debits			
VI.—Gain in Grocery Shops transferred to Revenue Accounts	10		
Total—Debits during the year	8,53,15		
GRAND TOTAL	8,50,57		

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY

Manufacture Operations for 1945-46

(Figures in thousands of rupees)

DEBITS	Budget Estimate, 1944-45.	CREDITS	Budget Estimate, 1945-46.	
		CREDITS DURING THE YEAR		
Balance at debit of manufacture at commencement of year	8,56	I.—To Works Capital and Depreciation Fund—		
Balance at debit of miscellaneous advances at commencement of year	3,58	(1) Locomotive rolling stock	} 1,64,83	
		(2) Carriage and wagon rolling stock		
		(3) Engineering and structural works		
		(4) Plant and equipment		
Total	12,14	Total Works	1,64,83	
DEBITS DURING THE YEAR				
I.—Locomotive workshop—				
(1) Payment of shop (B. G. & M. G.) and Carriage and Wagon shops, B. G.	90,84	II.—To Capital Stores Suspense—Manufacture for stock—		
(2) Material and stores (from stores suspense)	1,75,56	(1) Locomotive shops	} 45,00	
(3) Erection by contract with outside agencies . . . . .	..	(2) Carriage and wagon shops	
		(3) Engineering shops		
		(4) Other manufactures		
Total—Locomotive Shops	2,66,40	(5) Released material returned to stock	960	
Total—Stores Suspense				54,60
II.—Carriage and Wagon workshops— M. G				
(1) Payment of shop labour, etc.	30,50	III.—To Revenue—		
(2) Material and stores (from stores suspense)	1,04,69	(1) Repairs of locomotive rolling stock	} 1,48,16	
(3) Erection by contract with outside agencies . . . . .	..	(2) Repairs of carriage and wagon rolling stock	
		(3) Repairs of plant		
		(4) Engineering and structural works		
		(5) Miscellaneous manufactures for revenue		
Total—Carriage and Wagon Shops	1,35,19	Total—Revenue	1,48,16	

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY.

Manufacture Operations for 1945-46.

(Figures in thousands of rupee.)

DEBITS.	Budget Estimate, 1944-45.	CREDITS	Budget Estimate 1944-45.
III.—Engineering Workshops—		IV.—Work done for foreign railways, Government departments and the public—	
(1) Payment of shop labour, etc. . . . .	..	(1) Locomotive shops	
(2) Material and stores (from stores suspense) . . . . .	..	(2) Carriage and wagon shops	} 35,00
		(3) Other shops	
Total—Engineering Workshops . . . . .	..	Total—Foreign Railways, etc.	35,00
IV.—Other Manufactures—		V.—Miscellaneous Advances	50
(i) Electrical Workshops—		Total—Credits during the year	4,03,09
(1) Payment of shop labour	} ..	Anticipated balance at close of the year	12.14
(2) Material and stores (from stores suspense)	} ..		
(ii) Signal Workshops—		GRAND TOTAL	4,15,23
(1) Payment of Shop labour . . . . .	..	
(2) Material and Stores (from Stores suspense) . . . . .	..	Net Debit or Credit during the year being Budget allotment	..
(iii) Printing Press—			
(1) Payment of shop labour . . . . .	..	
(2) Materials and stores (from stores suspense) . . . . .	..	
(iv) Manufacture stores	1,00		
Total—Other Manufactures	1,00		
V.—Miscellaneous Advances	50		
Total—Debits during the year	4,03,09		
GRAND TOTAL	4,15,23		