

BENGAL NAGPUR RAILWAY

**Open Line Programme
for
1945-46**

BENGAL NAGPUR RAILWAY
ABSTRACT OF CAPITAL AND DEPRECIATION FUND PROGRAMME FOR 1945-46
Open Line Works

(Figures in thousands of rupees)

Particulars	Accounts, 1943-44	Budget Estimate, 1944-45	Revised Estimate, 1944-45	Budget Estimate, 1945-46
I.—ROLLING STOCK				
Locomotive	—11	2,03	..	6
	23,37	56,67	..	4,80
Boilers	..	..	..	..
	..	..	32	..
Carriages	22	98	—60	—1
	1,13	23	1,09	26,50
Wagons	10,68	2,91	1,84	1,48
	30,48	67,08	51,07	2,40
Ferries	..	..	..	..
	..	..	—40	..
Total—Rolling Stock	10,79	5,92	1,24	1,53
	55,41	1,23,98	52,08	33,70
II.—WORKS				
Track renewals	8,10	2,79	26,10	16,85
	43,28	61,22	67,75	86,74
Bridge works	3,36	1,33	1,54	1,78
	28	73	1,03	1,08
Other structural and engineering works	12,40	1,20,27	48,28	40,55
	4,93	13,51	9,05	23,09
Collieries	—1,50	8,08	..	..

Total—Works	22,36	1,32,47	75,92	59,18
	43,49	75,46	77,33	1,10,91
III.—MISCELLANEOUS				
Stores suspense	62,85	10,40	55,01	3,15
Manufacture suspense	3,69	..	37	—1

Credits for released materials	..	..	..	..
	—17,70	—59,86	—15,71	—25,68
Total—Miscellaneous	66,54	10,40	55,38	3,14
	—17,70	—59,86	—15,71	—25,68
GRAND TOTAL	99,69	1,48,79	1,32,54	63,85
	86,23	1,39,58	1,14,20	1,18,93
Write off of the capital cost of dismantled lines	—17	..	..	—14,14
	..	..	..	1,96
Write off of the capital cost of assets abandoned before 1924-25	..	..	..	—55,69
	..	..	..	12,41
Probable savings	..	—27,85	..	—16,13
	..	—26,37	..	—26,03
Net	1,85,75	2,34,15	2,46,74	95,16
<i>Non-voted</i>
Voted	1,85,75	2,34,15	2,46,74	95,16

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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.

(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
A.—WORKS IN PROGRESS					
Engineering and Structural Works other than Bridge Works and Track Renewals					
1	Water Supply augmentation Scheme at Khargpur (Cossye River Scheme)	4,06 <i>1,05</i>	2,92 <i>1,29</i>	59 6	55 <i>—30</i>
		(—31)			
2	Staff quarters required for the introduction of the Hours of Employment Regulations	10,13	3,21	3,00	3,92
	
3	Rupnarain river Training Works for protecting the Rupnarain Railway Bridge and its approaches	14,00	9,00	3,00	2,00
	
4	Water Supply at Dongargarh	6,70 <i>49</i>	1,90	3,00 29	2,70 20
5	Protection work between Kalli Kota and Rambha on the East Coast Section	1,79	25	1,54	..
	
6	Loco Watering arrangements at Palasa	2,64 <i>16</i>	50	1,00	1,14 <i>16</i>
	
7	Reconditioning and improvement of signalling and interlocking with isolation at 25 stations and without isolation at 13 stations on the Khurda Road Waltair Section and on the Puri Branch.	5,17 <i>1,61</i>	4,65 72	52 89	....
8	Signalling and interlocking at 18 stations on the Katni Branch.	3,14 23	2,53 13	61 10	....
9	Additional reception lines in Up yard and grouping of points in Down at Adra.	1,03 <i>41</i>	50 25	53 16	....
10	Sloping back the sides of dangerous cuttings on C.I.C. Railways	1,11	67	10	34
	
11	Crossing station (Paradol) between Manendragarh and Chirimuri and engine turning facilities at Anuppore.	2,50	1,00	1,50	..
	
12	Works costing not more than a lakh each.				
	Staff quarters			50	
	Other Works			3,94 <i>1,11</i>	
	Total			19,83 <i>2,61</i>	

BENGAL NAGPUR 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
A.—WORKS IN PROGRESS—contd.					
Bridge Works					
13	Fixing strap plates on four Central diagonals of 150' spans Type 119-E Cuttack District	88	60	28	..
		33	25	8	..
14	Works costing not more than a lakh each	..	..	70	..
		..	..	30	..
	Total	..	..	98	..
		..	..	38	..
	Total—"A" Works in Progress			20,81	2,99

Item No.	Particulars of works	Outlay incurred in 1943-44	Outlay expected in 1944-45	Outlay proposed in 1945-46
B.—TRACK RENEWALS				
15	Complete track renewals			4,27
16	Rail renewals	7,95	2,79	16,18
17	Sleeper renewals	40,86	61,22	3,46
				38,34
				9,12
				32,22
	Total—"B" Track Renewals.			16,85
				86,74

Item No.	Particulars of works	Anticipated cost	Outlay proposed for 1945-46	Balance to complete work
C.—NEW WORKS				
Engineering and Structural Works other than Bridge Works and Track Renewals				
<i>Works for which provision has been made in a previous budget.</i>				
18	Double line block instruments at 14 stations on the Anara—Kandra Section and at 12 stations in the Tatanagar Manharpur Section.	2,40	2,00	40
	
19	Double wire signalling arrangements at 9 stations on the Rajkharswan Gua Branch.	2,17	2,00	17
		4	..	4
20	Reconditioning and improvement of signalling and interlocking at 6 stations.	75	75	..
		32	32	..
21	Signalling and Interlocking with isolation at 31 stations on the Raipur Vizianagram Branch	8,46	2,00	6,46
		1,06	26	80
22	Catch siding at Jhinkpani	2,75	2,00	75
	
23	Works costing not more than a lakh each.	..	1,50	..
	Staff quarters	..	..	..
	Other Works	..	3,50	..
		..	1,06	..
	Total	..	13,75	..
		..	1,58	..

BENGAL NAGPUR RAILWAY

(Figures in thousands of rupees)

Item No.	Particulars of works	Anticipated cost	Outlay proposed for 1945-46	Balance to complete work
C.—NEW WORKS—contd.				
Bridge Works				
<i>Works for which provision has been made in a previous budget</i>				
24	Replacing girders of Langulia bridge near Dusi .	55	10	45
	<i>Works for which provision has not been made in a previous budget</i>	5,38	40	4,98
	Works costing not more than a lakh each . . .		70	
			30	
	Total . . .		80	
			70	
	Total—"C" New Works . . .		14,55	
			2,28	
	Grand Total—Works . . .		52,21	
			92,01	

BENGAL AND NAGPUR 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					
26	Additions to and renewal of Machinery in Kharagpur, Nagpur and Adra Work shops 1939-40.	1,29 1,19	72 1,19	57..	....
27	Additions to and replacements of Machinery in Kharagpur Workshops 1940-41.	93 47	64 30	29 17	....
28	<i>Works costing not more than a lakh each :—</i>				
	Plant and Machinery	83 1,31	.. ..	83 1,31	....
	Total—Works in Progress . . . . .	.. ..	.. ..	1,69 1,48	....
NEW WORKS					
29	Loco. and C. & W. Workshops, Kharagpur—				
	(i) Replacement of Machinery during 1945-46.	2,16 16,22 (2,81)	..	2,16 16,22	..
	(ii) Additional Machinery required during 1945-46.	1,97 (43)	..	1,97..	....
30	Loco., C. & W. Workshops, Nagpur :—				
	Replacement of Machinery during 1945-46.	24 66 (23)	..	24 66	..
31	<i>Running Sheds :—</i>				
	(i) Replacement of Machinery during 1945-46.	.. 13 (10)	..	.. 13	..
	(ii) Additional Machinery required during 1945-46.	75 .. (12)	..	75..	..
32	<i>Works costing not more than a lakh each</i>				
	Plant and Machinery.				
	(i) Replacement of Machinery during 1945-46.	.. 41 (10)	..	.. 41	..
	(ii) Additional Machinery required during 1945-46.	16 .. (2)	..	16..	..
	Total—New Works				
	(i) Replacement of Machinery during 1945-46.	.. ..	..	2,40 17,42	..
	(ii) Additional Machinery required during 1945-46.	2,88
	Total—Machinery	6,97 18,90	..

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BENGAL NAGPUR RAILWAY

(Figures in thousands of rupees)

Item No.	Particulars of works	Anti- cipated cost	Outlay expected up to end of 1944-45	Outlay proposed for 1945-46	Balance to complete work
ROLLING STOCK					
<i>Items for which provision has been made in a previous budget.</i>					
LOCOMOTIVES					
<i>Additions</i>					
Broad Gauge					
33	Providing plug points and portable head lights for tenders of locomotives	11	2	4	5
	
34	Manufacturing and fitting automatic blow down valves for 420 Engines and air Valve deflectors on 35 Engines	27	7	7	13
	
<i>Replacements</i>					
Broad Gauge					
35	8 GS class Boilers (1940-41)	4,80	..	4,80	..
Total—Locomotives				11 4,80	
CARRIAGES					
<i>Replacements</i>					
Broad Gauge					
36	5 Four wheeled parcel Vans 1942-43	65 (38)	3	62	..
37	8 Four wheeled covered Motor trucks 1942-43	1,02 (62)	3	99	..
Total—Carriages . . . . .				.. 1,61	
WAGONS					
<i>Additions</i>					
Broad Gauge					
38	629 Additional Departmental Service Vehicles 1943-44	4,28	31	1,02	2,05
<i>Replacements</i>					
Broad Gauge					
39	500 I. R. S. covered Goods Wagons ' CR ' type 1943-44	—15 42,28	—14 40,28	—1 2,00	....
Total—Wagons				1,01 2,00	

BENGAL NAGPUR RAILWAY

Item No.	Particulars of works	Anti- cipated cost	Outlay expected up to end of 1944-45	Outlay proposed for 1945-46	Balance to complete work
<i>Items for which provision has not been made in a previous budget</i>					
LOCOMOTIVES					
Replacements					
Broad Gauge					
40	Credit provision for stock to be condemned during the year but not replaced	..	..	.. -5	..
Total—Locomotives				.. -5	
CARRIAGES					
Replacements					
Broad Gauge					
41	38 Bogie III Class	21,40 (1,12)	..	.. 21,40	..
42	6 Bogie Inter Class	3,49 (26)	..	.. 3,49	..
43	Debit provision for Stock condemned and credited for in previous years but now replaced	..	..	.. 2	..
44	Credit provision for Stock to be condemned during the year but not replaced	..	..	.. -3	..
Total—Carriages				.. -1 24,89	
WAGONS					
Replacements					
Broad Gauge					
45	4 Four wheeled Dummy Trucks	.. 40	..	.. 40	..
46	Debit provision for Stock Condemned and credited for in previous years but now replaced	..	..	.. 67	..
47	Credit provision for Stock to be condemned during the year but not replaced	..	..	.. -20	..
Total—Wagons				.. 47 40	
Total—Rolling Stock				1,53 33,70	
Total—Final Heads				60,71 1,44,61	

BENGAL NAGPUR RAILWAY

Stores Transactions for 1945-46

(Figures in thousands of rupees)

DEBITS	Budget Estimate, 1945-46	CREDITS	Budget Estimate, 1945-46
Balance at commencement of the year:—		ISSUES DURING THE YEAR	
(a) Stores in stock (other than those in Grain and Grocery Shops)	2,19,46	I.—To Works Capital and Depreciation Fund	1,11,71
(b) Outstanding stores suspense balance	—6,98	II.—To Capital Manufacture Suspense—	
(c) Outstanding in stock adjustment account . . . . .	..	(i) Locomotive workshops	69,68
(d) Stocks in Grain Shops . . . . .	..	(ii) Carriage and wagon workshops	37,26
(e) Stocks in Grocery Shops	86,72	(iii) Engineering workshops	3,14
	<u>86,72</u>	(iv) Electrical workshops	4,00
	<u>2,99,20</u>	(v) Marine workshops	65
	<u>2,99,20</u>	(vi) Printing press . . . . .	..
Receipts during the year		III.—To Colliery Account	
I.—English Stores—		IV.—To Revenue	2,23,30
(1) Stores for works	80,27	V.—Sales and Transfers	2,67,60
(2) General purposes stores—		VI.—Sales by Grain Shops	2,27,93
(a) Stores	9,94	VII.—Sales by Grocery Shops . . . . .	..
(b) Other expenditure . . . . .	..	VIII.—Loss in Grain Shops transferred to Revenue Accounts	72,07
	<u>90,21</u>	IX.—Loss in Grocery Shops transferred to Revenue Accounts . . . . .	..
Total—English Charges	90,21		
	<u>90,21</u>	Total Credits during the year	10,17,34
(3) Loss/Gain by exchange . . . . .	..	
(4) Customs duty	12,96	Anticipated balance at close of the year —	
(5) Other Indian charges on English stores . . . . .	..	(a) Stores in stock (other than those in Grain & Grocery Shops)	2,22,61
	<u>1,03,17</u>	(b) Outstanding stores suspense balance	—6,98
Total—English Stores	1,03,17	(c) Outstanding in stock adjustment account . . . . .	..
II.—Indian Purchases:—		(d) Stocks in Grain Shops	86,72
(1) Stores for works	4,10,77	(e) Stocks in Grocery Shops . . . . .	..
(2) Stores for general purposes	3,00,00		
(3) Grain Shops Supplies . . . . .	..	Total	3,02,35
(4) Grocery Shops Supplies	7,10,77		
Total—Indian Purchases	7,10,77	GRAND TOTAL	13,19,69
III.—Receipts from manufacture into stores	41,06		
IV.—Materials returned from works—		Net Debit or Credit during the year	+3,15
(i) Workshop material	8,58		
(ii) Other material	34,77		
V.—Other debits	1,22,14		
VI.—Gain in Grocery Shops transferred to Revenue Accounts . . . . .	..	
Total Debits during the year	10,20,49		
GRAND TOTAL	13,19,69		

BENGAL NAGPUR RAILWAY

Manufacture Operations for 1945-46

(Figures in thousands of rupees)

DEBITS		Budget Estimate, 1945-46	CREDITS		Budget Estimate, 1945-46
			CREDITS DURING THE YEAR		
Balance at debit of manufacture at commencement of year		5,12	I.—To Works Capital and Depreciation Fund—		
Balance at debit of miscellaneous advances at commencement of year		45	(1) Locomotive rolling stock		1,20
		<u>6,57</u>	(2) Carriage and wagon rolling stock		25
			(3) Engineering and structural works		1,40
			(4) Plant and equipment		92
					<u>3,77</u>
DEBITS DURING THE YEAR			Total, Works		3,77
I.—Locomotive Workshops—			II.—To Capital stores suspense—manufacture for stock—		
(1) Payment of shop labour, etc.		55,69	(1) Locomotive shops		24,75
(2) Material and stores (from stores suspense)		69,68	(2) Carriage and wagon shops		11,00
(3) Materials by direct purchase and adjustment		3,85	(3) Engineering shops		1,20
		<u>1,29,22</u>	(4) Other manufactures		4,11
Total, Locomotive Shops			(5) Released material returned to stock		8,58
					<u>49,64</u>
II.—Carriage and Wagon Workshops—			Total, Stores Suspense		49,64
(1) Payment of shop labour, etc.		24,77	III.—To Revenue—		
(2) Material and Stores (from stores suspense)		37,26	(1) Repairs of locomotive rolling stock		52,67
(3) Materials by direct purchase and adjustment		1,38	(2) Repairs of carriage and wagon rolling stock		55,40
		<u>63,41</u>	(3) Repairs of plant		14,09
Total, Carriage and Wagon Shops			(4) Engineering and structural works		1,71
			(5) Miscellaneous manufactures for revenue		2,07
III.—Engineering Workshops—			(6) Electrical charges		8,79
(1) Payment of shop labour, etc.		1,56			<u>1,34,73</u>
(2) Material and stores (from stores suspense)		3,14	Total, Revenue		1,34,73
		<u>4,70</u>			
Total, Engineering Workshops					

BENGAL NAGPUR RAILWAY
Manufacture Operations for 1945-46—conold.

(Figures in thousands of rupees)

DEBITS	Budget Estimate, 1945-46	CREDITS	Budget Estimate, 1945-46
IV.—Other Manufactures—		IV.—Work done for foreign railways, Government departments and the public—	
(i) Electrical workshops—		(1) Locomotive shops	30,87
(1) Payment of shop labour	2,13	(2) Carriage and wagon shops	4
(2) Material and stores (from stores suspense)	1,66	(3) Other shops . . . . .	..
(3) Materials by direct purchase and adjustment	29	Total Foreign Railways, etc.	<u>30,91</u>
(ii) Marine Workshops—			
(1) Payment of shop labour	1,44		
(2) Material and stores (from stores suspense)	65		
(iii) Power House—		V.—Miscellaneous Adjustments	2,58
(1) Payment of shop labour	1,03	Total Credits during the year	<u>2,21,63</u>
(2) Material and stores (from stores suspense)	2,34	Anticipated balance at close of the year	6,58
(3) Materials by direct purchase and adjustment	2,35	GRAND TOTAL	<u>2,28,19</u>
Total—Other Manufactures	<u>11,89</u>	Net Debit or Credit during the year, being Budget allotment required	<u>-1</u>
V.—Miscellaneous Adjustments	12,40		
Total Debits during the year	<u>2,21,62</u>		
GRAND TOTAL	<u>2,28,19</u>		