

**MADRAS AND SOUTHERN  
MAHRATTA RAILWAY**

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**Open Line Programme  
for  
1945-46**

**MADRAS & SOUTHERN MAHRATTA RAILWAY**  
**ABSTRACT OF CAPITAL AND DEPRECIATION FUND PROGRAMME FOR 1945-46**  
*Open Line Works*

(Figures in thousands of rupees)

Particulars	Amount, 1944-45	Budget Estimate, 1944-45	Revised Estimate, 1944-45	Budget Estimate, 1945-46
<b>I. ROLLING STOCK</b>				
Locomotives	8	8,51	2,19	8,03
Boilers	32	2,09	2,62	13,51
Carriages	19	1,34	95	1,47
Wagons	9,08	—6	7,17	7,17
Ferries	158	1,43	2,26	..
	66	16,48	17,62	12,05
	..	..	..	..
	..	..	..	..
<b>Total—Rolling Stock</b>	<b>47</b>	<b>2,02</b>	<b>6,03</b>	<b>9,50</b>
	<b>20,87</b>	<b>36,16</b>	<b>21,13</b>	<b>32,73</b>
<b>II. WORKS—</b>				
Track renewals	1,91	4,01	3,55	68
	23,83	28,87	18,00	15,94
Bridge Works	5,02	8,83	11,57	12,53
	5,20	6,51	5,18	7,58
Other structural and engineering works	19,42	8,08	49,35	17,85
	1,67	4,10	3,83	15,03
Collieries	1,03	—46	..	..
	..	..	..	..
	..	..	..	..
<b>Total—Works</b>	<b>27,38</b>	<b>20,46</b>	<b>64,47</b>	<b>31,06</b>
	<b>30,70</b>	<b>39,48</b>	<b>27,01</b>	<b>38,55</b>
<b>III. MISCELLANEOUS—</b>				
Stores suspense	33,37	26,44	68,11	39,51
Manufacture suspense	—60	—1,35	—1,37	—1,47
Credits for released materials	—11,48	—23,31	—5,81	—3,14
	..	..	..	..
	..	..	..	..
<b>Total—Miscellaneous</b>	<b>32,77</b>	<b>25,09</b>	<b>66,74</b>	<b>38,04</b>
	<b>—11,48</b>	<b>—23,31</b>	<b>—5,81</b>	<b>—3,14</b>
<b>GRAND TOTAL</b>	<b>60,62</b>	<b>47,57</b>	<b>1,37,24</b>	<b>78,60</b>
	<b>40,09</b>	<b>52,33</b>	<b>42,33</b>	<b>68,14</b>
Write off of the capital cost of dismantled lines	..	..	..	—35,92
	..	..	..	7,78
Write off of the capital cost of assets abandoned before 1924-25	..	..	..	—22,44
	..	..	..	3,02
Probable savings	..	—4,40	..	—0,44
	..	—11,02	..	—12,83
<b>Net</b>	<b>1,00,71</b>	<b>84,48</b>	<b>1,79,57</b>	<b>76,91</b>
<i>Non-voted</i>	..	..	..	..
<b>Voted</b>	<b>1,00,71</b>	<b>84,48</b>	<b>1,79,57</b>	<b>76,91</b>

## MADRAS AND SOUTHERN MAHRATTA 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	(Figures in thousands of rupees)			
		Anticipated cost	Outlay expected upto end of 1944-45	Outlay proposed for 1945-46	Balance to complete work
<b>A.—WORKS IN PROGRESS</b>					
<b>Engineering and Structural Works other than Bridge Works and Track Renewals</b>					
1	Improvements to watering arrangements at certain stations on the North East line . . . . .	2,74 36	1,89 27	85 9	.. ..
2	Relining of Tunnels Nos. 11 and 12 on the Londa-Portuguese frontier . . . . .	.. 7,04	.. 6,71	.. 33	.. ..
3	Expansion of Reserve Base . . . . .	29,00 ..	28,60 ..	40 ..	.. ..
4	American Depot (M. S. M. 24) . . . . .	3,00 ..	2,90 ..	10 ..	.. ..
5	Provision of 10 crossing stations on the North West Line . . . . .	2,50 ..	2,30 ..	20 ..	.. ..
6	Provision of 5 crossing stations on the South West Line . . . . .	1,08 ..	88 ..	20 ..	.. ..
7	Provision of a new Police station at Bangalore Cantonment and quarters for Police staff at Bangalore Cantonment, Whitefield Bangalore East, Krishna-rajapuram, Devangonthe and Bowringpet . . . . .	80 (35)	40 ..	40 ..	.. ..
8	Jalahalli Extension (M. S. M. 21) . . . . .	5,00 ..	2,50 ..	2,50 ..	.. ..
9	Telecommunications . . . . .	9,98 ..	4,98 ..	5,00 ..	.. ..
10	Contribution to Sinking Fund in respect of Kanvihalli-Samehalli Railway . . . . .	..	..	..	..
11	Works costing not more than a lakh each. . . . .			—3 70 85	.. .. ..
<b>Total . . . . .</b>			<b>10,32 1,27</b>		

## MADRAS AND SOUTHERN MAHRATTA 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
<b>A.—WORKS IN PROGRESS</b>					
<i>—contd.</i>					
<b>Bridge Works</b>					
12	New flooring and lateral bracings for 56-150 ft. Spans of Godavari Bridge	6 9,23	5 7,60	1 49	.. 1,14
13	Reconstruction of laterite bridges on the Londa-Portuguese Frontier Section 1942-43	1,04 1,25	64 94	40 31	.. ..
14	Reconstruction of laterite bridges on the North East Line 1942-43	2,86 1,16	2,73 1,11	13 8 <sup>5</sup>	.. ..
15	Reconstruction of 7 laterite bridges on the Rayapuram District	43 82	16 31	27 51	.. ..
16	Reconstruction of certain laterite bridges on the North East Line, 1943-44	3,31 1,11 (8)	1,18 41	2,13 70	.. ..
17	Reconstruction of laterite bridge No. 273 on the Bezwada District	2,02 65 (2)	1,92 65	10 ..	.. ..
18	Reconstruction of 6 laterite bridges on the Mormugao District (M. S. M.)	83 55	50 33	33 22	.. ..
19	Rebuilding 14 bridges on the North East Line and 7 bridges on the South West Line	1,95 1,32	73 50	1,22 82	.. ..
20	Reconstruction of bridge No. 275 at mile 85/15-18 on the North East Line between Gudur and Manubolu	1,10 47 (1)	1,00 47	10 ..	.. ..
21	Rebuilding 6 laterite bridges on the North East Line, 1944-45	1,17 73	44 27	73 46	.. ..
22	Works costing not more than a lakh each			1,50 1,50	
<b>Total</b>				6,92 5,06	
<b>Total— " A " Works in Progress</b>				17,24 6,33	

(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>B.—TRACK RENEWALS</b>				
23	Complete track renewals	1,92 12,73	4,01 18,37	68 5,44

## MADRAS &amp; SOUTHERN MAHARATHA 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>B.—TRACK RENEWALS—concl'd.</b>				
24	Rail renewals . . . . .	6,30	3,50	3,50
25	Sleeper renewals . . . . .		7,00	7,00
	Ballast . . . . .		..	..
	Total " B " Track Renewals . . . . .			68 15,94
Item No.	Particulars of works	Anticipated cost	Outlay proposed for 1945-46	Balance to complete work
<b>C.—NEW WORKS</b>				
<b>Engineering and Structural Works other than Bridge Works and Track Renewals</b>				
<i>Works for which provision has not been made in a previous budget</i>				
26	Works costing not more than a lakh each . . . . .		4,85 28	
	Total . . . . .		4,85 28	
<b>Bridge Works</b>				
<i>Works for which provision has been made in a previous budget</i>				
27	Reconstruction of laterite bridge No. 280 on the Bezwada District . . . . .	1,10 52	1,10 52	.. ..
28	Rebuilding bridge No. 277 at mile 85/23-26 on the North East Line . . . . .	2,85 95	2,85 95	.. ..
<i>Works for which provision has not been made in a previous budget</i>				
29	Rebuilding certain laterite bridges on the North East Line 1945-46. . . . .	2,30 1,10	80 60	1,50 50
30	Rebuilding bridge No. 516 on the North East Line 1945-46 . . . . .	2,50 1,00	36 15	2,14 85
31	Works costing not more than a lakh each . . . . .		50 30	
	Total . . . . .		5,61 2,52	
	Total— " C " New Works. . . . .		10,46 2,80	
	Grand Total—Works . . . . .		28,38 25,07	

## MADRAS &amp; SOUTHERN MAHRATTA 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
<b>MACHINERY WORKS IN PROGRESS</b>					
		..	..	..	..
<b>NEW WORKS</b>					
32	Loco. & Carriage Shop, Perambur :— Replacement of machinery during 1945-46.	27 7,15	..	27 7,15	..
33	Hubli workshops :— Replacement of Machinery during 1945-46.	22 4,25	..	22 4,25	..
34	Engineering Workshops, Arkonam :— (i) Replacement of Machinery during 1945-46. (ii) Additional Machinery required during 1945-46.	74 1,26 28	.. ..	74 1,26 28	.. ..
35	Running Sheds :— (i) Replacements of Machinery during 1945-46. (ii) Additional Machinery required during 1945-46.	66 (8) 75	.. ..	66 75	.. ..
36	Works costing not more than a lakh each— Plant and Machinery :— (i) Replacement of Machinery during 1945-46. (ii) Additional Machinery required during 1945-46.	21 16 21	.. ..	21 16 21	.. ..
	Total—New Works				
	(i) Replacement of Machinery during 1945-46.	..	..	1,44 13,48	..
	(ii) Additional Machinery required during 1945-46.	..	..	1,24	..
	Total—Machinery	..	..	2,68 13,48	..

## MADRAS AND SOUTHERN MAHRATTA 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 works
<b>ROLLING STOCK</b>					
<i>Items for which provision has been made in a previous budget.</i>					
<b>LOCOMOTIVES</b>					
<i>Replacements</i>					
<b>Broad Gauge</b>					
37	6 'XD' class Engines Renewals 1939-40	8,03 7,11	.. ..	8,03 7,11	.. ..
<b>Metre Gauge</b>					
38	16 FM class Boilers	.. 6,40	.. ..	.. 6,40	.. ..
Total—Locomotives				8,03 13,51	.. ..
<b>CARRIAGES</b>					
<i>Replacements</i>					
<b>Broad Gauge</b>					
39	6 Bogie Composites I & II (2 FCS & 4 FCSQ) Renewals 1942-43.	-1 3,00	.. 2,91	.. 9	.. ..
40	2 Bogie III class with 1½ Postal Van (TPPM) Renewals 1942-43.	.. 65	.. 63	.. 2	.. ..
41	5 Horse Boxes (EHH) Renewals, 1942-43	13 42	13 41	.. 1	.. ..
42	2 Parcel Vans (EVP) Renewals, 1942-43 (2 proposed against 3 originally approved).	.. 14	.. 12	.. 2	.. ..
43	1 Weigh bridge Inspectors Van (ERW) Renewals 1942-43.	.. 14 (3)	.. 12	.. 2	.. ..
44	1 Bogie III class with Brake and Luggage Compartment (TRL) Renewals 1943-44	.. 29 (-2)	.. 3	.. 26	.. ..
45	1 Inspectors Van (ERD) Renewals 1943-44	.. 15 (4)	.. 1	.. 14	.. ..
46	3 Bogies III class with Indian Refreshment Compartment (CH) Renewals, 1942-43.	.. 64	.. ..	.. 64	.. ..
Total—Carriages				.. 1,20	.. ..

## MADRAS AND SOUTHERN MAHRATTA 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
<b>WAGONS</b>					
<i>Replacements</i>					
Broad Gauge					
47	Lump sum provision to meet the cost of certain 'CR' type wagons on order, after making 90% advance payments for the material and also some complete wagons expected to be delivered during the year.	..	..	12,00	..
Total—Wagons		..	..	12,00	..
<i>Items for which provision has not been made in a previous budget.</i>					
<b>CARRIAGES</b>					
<i>Replacements</i>					
Broad Gauge					
48	11 Bogies III class	67 3,80	.. ..	67 3,80	.. ..
Metre Gauge					
49	10 Bogies III class	80 2,17	.. ..	80 2,17	.. ..
Total—Carriages				1,47 5,97	
<b>WAGONS</b>					
<i>Replacements</i>					
Broad Gauge					
50	2 Support Wagons for cranes	.. 3	.. ..	.. 3	.. ..
Metre Gauge					
51	2 Guard wagons to travelling cranes	.. (1)	.. ..	.. 2	.. ..
Total—Wagons				.. 5	
Total—Rolling Stock				9,50 32,73	
Total—Final Heads				40,56 71,28	



# MADRAS AND SOUTHERN MAHRATTA RAILWAY

## Stores Transactions for 1945-46

(figures in thousands of rupees)

DEBITS	Budget Estimate, 1945-46	CREDITS	Budget Estimate, 1945-46
<b>Balance at commencement of the year—</b>			
(a) Stores in stock (other than those in grain and grocery shops)	1,32,27	<b>ISSUES DURING THE YEAR</b>	
(b) Outstanding stores suspense balance	1,36	I.—To Works Capital and Depreciation Fund	16,07
(c) Outstanding in stock adjustment account	—23,03	II.—To Capital Manufacture Suspense—	
(d) Stocks in Grain Shops	22,53	(i) Locomotive workshops	
(e) Stocks in Grocery Shops	50	(ii) Carriage and wagon workshops	53,29
(f) Outstanding with Government Grain Purchasing Officer	34,16	(iii) Engineering workshops	35,53
<b>Total</b>	<b>1,67,79</b>	(iv) Electrical workshops	6,00
		(v) Signal workshops	2,55
		(vi) Printing Press	..
<b>RECEIPTS DURING THE YEAR</b>		III.—To Colliery Account	4,00
I.—English Stores—		IV.—To Revenue	1,16,74
(1) Stores for works	..	V.—Sales and Transfers	6,12
(2) General purposes stores :—		VI.—Sales by Grain Shops	1,24,00
(a) Stores	..	VII.—Sales by Grocery Shops	10,00
(b) Other expenditure	..	VIII.—Loss in Grain Shops transferred to Revenue Accounts	70,00
<b>Total English Charges</b>	..	X.—Loss in Grocery Shops transferred to Revenue Accounts	50
(3) Loss/Gain by Exchange	..	Other credits—Miscellaneous Advances Grains	57,00
(4) Customs duty	..	Adjustment through Stock Adjustment Account Abstract	
(5) Other Indian charges on English stores	..	A. to H.	—4,34
<b>Total English Stores</b>	..	<b>Total—Credits during the year</b>	<b>4,97,46</b>
II.—Indian Purchases—			
(1) Stores for works	41,79		
(2) Stores for general purposes	1,91,36		
(3) Grain shops supplies	1,94,00		
(4) Grocery Shops Supplies	12,00		
<b>Total Indian Purchases</b>	<b>4,39,15</b>		

## MADRAS AND SOUTHERN MAHRATTA RAILWAY

### Stores Transactions for 1945-46

DEBITS	Budget Estimate, 1945-46	CREDITS	(Figures in thousands of rupees) Budget Estimate, 1945-46
III—Receipts from manufacture into stores . . . . .	19,12	Anticipated balance at close of the year—	
IV.—Materials returned from works—		(a) Stores in stock (other than those in Grain and Grocery Shops) . . . . .	1,59,79
(i) Workshop material . . . . .	} 6,70	(b) Outstanding stores suspense balance . . . . .	1,64
(ii) Other material . . . . .		(c) Outstanding in stock adjustment account . . . . .	—27,82
V.—Other debits—Capital Mis. Advances grains . . . . .	72,00	(d) Stocks in Grain Shops . . . . .	22,53
VI.—Gain in Grocery Shops transferred to Revenue Accounts . . . . .	. . . . .	(e) Stocks in Grocery Shops . . . . .	2,00
		(f) Outstanding with Government Grain Purchasing Officer . . . . .	49,16
		Total . . . . .	2,07,30
Total Debits during the year . . . . .	5,36,97	GRAND TOTAL . . . . .	7,04,76
		Net Debit or Credit during the year . . . . .	+39,51
GRAND TOTAL . . . . .	7,04,76		

# MADRAS AND SOUTHERN MAHRATTA RAILWAY

## Manufacture Operations for 1944-45

(Figures in thousands of rupees)

DEBITS	Budget Estimate, 1945-46	CREDITS	Budget Estimate, 1945-46
		<b>CREDITS DURING THE YEAR</b>	
Balance at debit of manufacture at commencement of year . . . . .	8,11	I.—To Works Capital and Depreciation Fund—	
Balance at debit of miscellaneous advances at commencement of year . . . . .	..	(1) Locomotive rolling stock . . . . .	22,52
	8,11	(2) Carriage and wagon rolling stock . . . . .	9,06
<b>DEBITS DURING THE YEAR</b>		(3) Engineering and structural works . . . . .	4,00
		(4) Plant and equipment . . . . .	13,99
I.—Locomotive Workshops—		<b>Total Work</b> . . . . .	<b>49,57</b>
(1) Payment of shop labour, etc. . . . .	38,66	II.—To Capital Stores Suspense—Manufacture for stock—	
(2) Material and stores (from stores suspense) . . . . .	53,29	(1) Locomotive shops . . . . .	12,27
(3) Erection by contract with outside agencies . . . . .	10,61	(2) Carriage and wagon shops . . . . .	2,95
<b>Total Locomotive Shops</b> . . . . .	<b>1,02,56</b>	(3) Engineering shops . . . . .	3,30
II.—Carriage and Wagon Workshops—		(4) Other manufacture . . . . .	60
(1) Payment of shop labour, etc. . . . .	27,54	(5) Released materials returned to stock . . . . .	3,80
(2) Material and stores (from stores suspense) . . . . .	35,53	<b>Total Stores Suspense</b> . . . . .	<b>22,72</b>
(3) Erection by contract with outside agencies . . . . .	8,94	III.—To Revenue—	
<b>Total Carriage and Wagon Shops</b> . . . . .	<b>72,01</b>	(1) Repairs of locomotive rolling stock . . . . .	44,67
III.—Engineering Workshops—		(2) Repairs of carriage and wagon rolling stock . . . . .	34,71
(1) Payment of shop labour, etc. . . . .	6,00	(3) Repairs of plant . . . . .	8,61
(2) Material and stores (from stores suspense) . . . . .	6,00	(4) Engineering and structural works . . . . .	2,00
<b>Total Engineering Workshops</b> . . . . .	<b>12,00</b>	(5) Miscellaneous manufactures for revenue . . . . .	25,88
		<b>Total Revenue</b> . . . . .	<b>1,15,87</b>

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## Manufacture Operations for 1944-45

(Figures in thousands of rupees)

DEBITS	Budget Estimate, 1944-45	CREDITS	Budget Estimate, 1944-45
		CREDITS DURING THE YEAR	
IV.—Other Manufactures—		IV.—Work done for foreign Railways, Government departments and the public—	
(i) Electrical Workshop—		(1) Locomotive shops . . . . .	8,96
(1) Payment of shop labour . . . . .	9,73	(2) Carriage and wagon shops . . . . .	5,98
(2) Material and stores (from stores suspense) . . . . .	2,55	(3) Other shops . . . . .	2,60
(ii) Signal Workshops—		Total Foreign Railways, etc. . . . .	17,54
(1) Payment of shop labour . . . . .	..		
(2) Material and stores (from stores suspense) . . . . .	..	V.—Miscellaneous Advances . . . . .	2
(iii) Printing Press—		Total Credits during the year . . . . .	2,05,72
(1) Payment of shop labour . . . . .	1,40	Anticipated balance at close of the year . . . . .	6,64
(2) Material and stores (from stores suspense) . . . . .	4,00	GRAND TOTAL . . . . .	2,12,36
Total Other Manufactures . . . . .	17,68	Net Credits during the year . . . . .	-1,47
V.—Miscellaneous Advances . . . . .	..		
Total Debits during the year . . . . .	2,04,25		
GRAND TOTAL . . . . .	2,12,36		