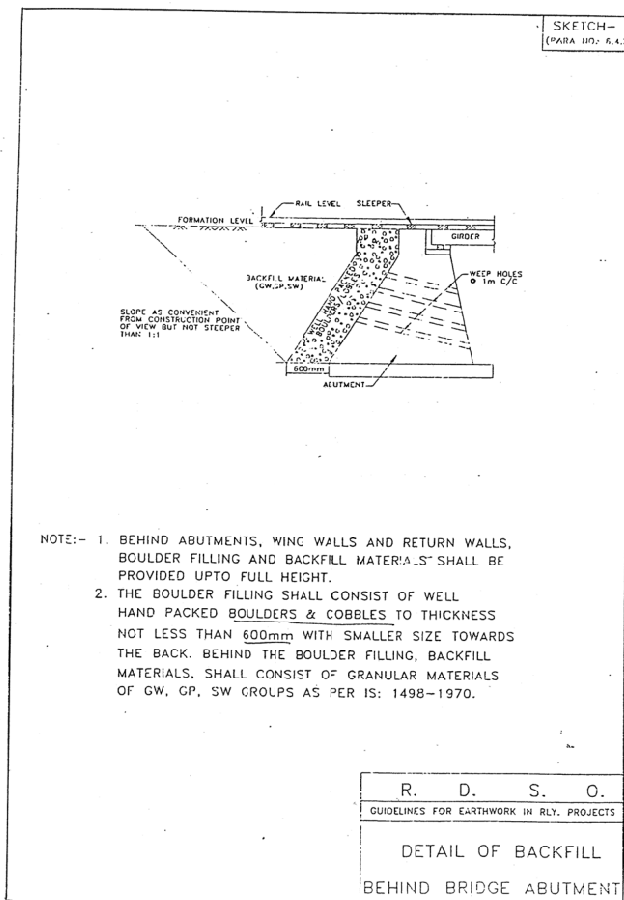
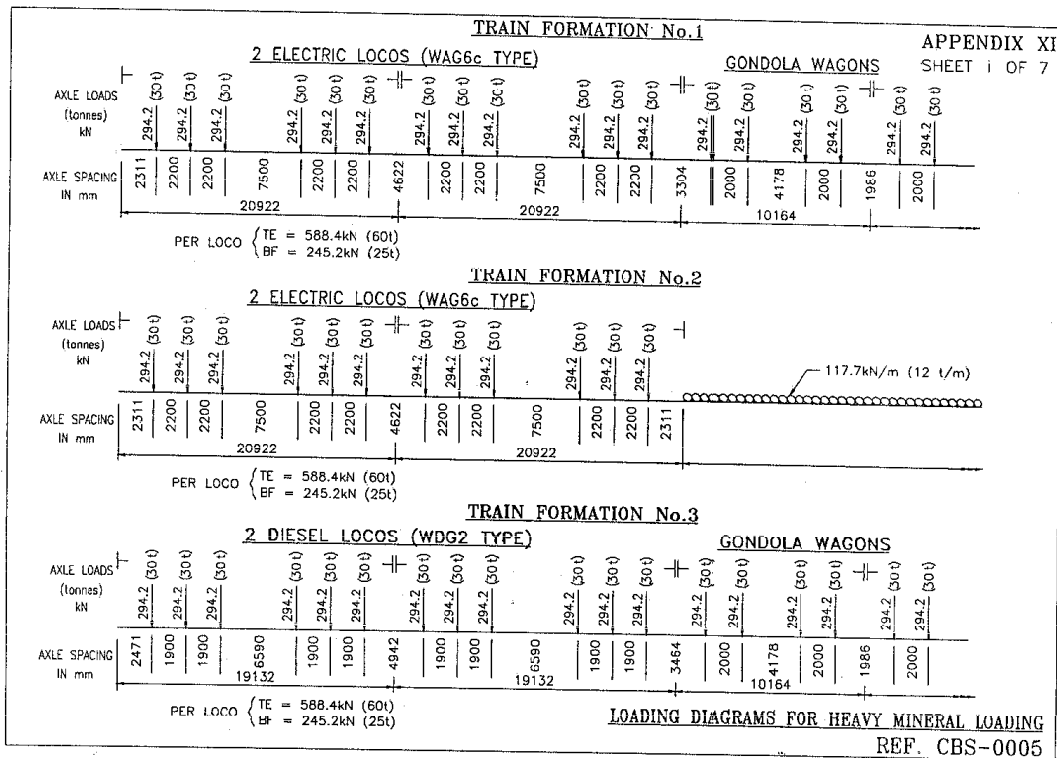


別添資料 図 7- 14 インド国鉄の土工定規

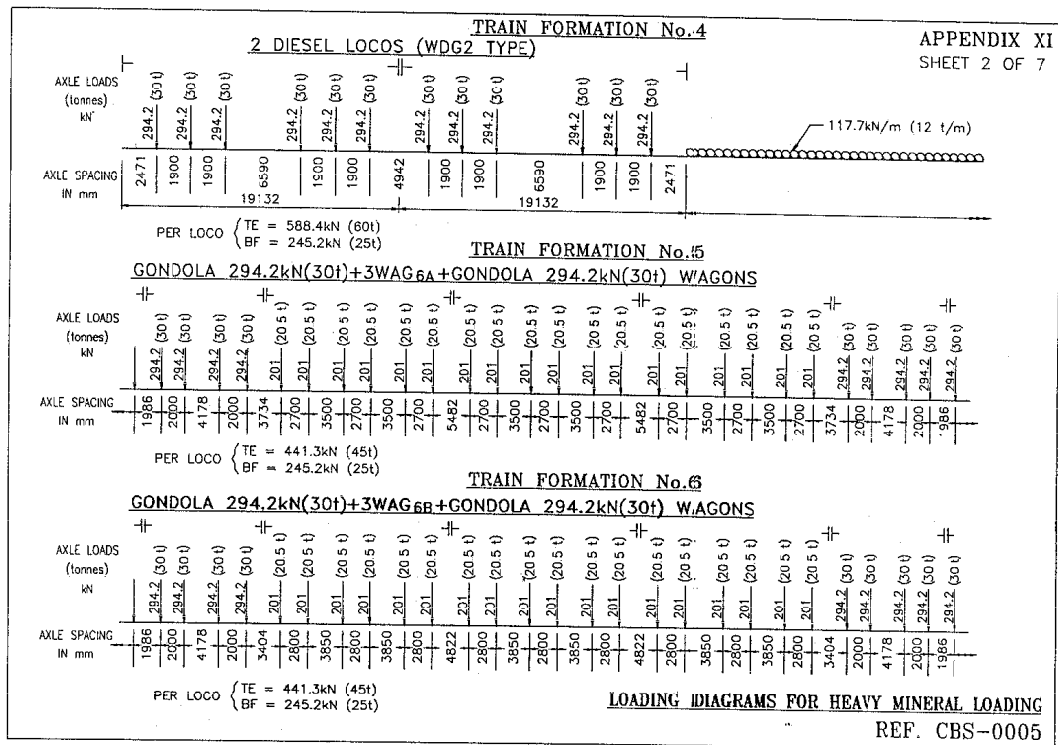


別添資料 図 7- 15 インド国鉄の土工定規

列車荷重

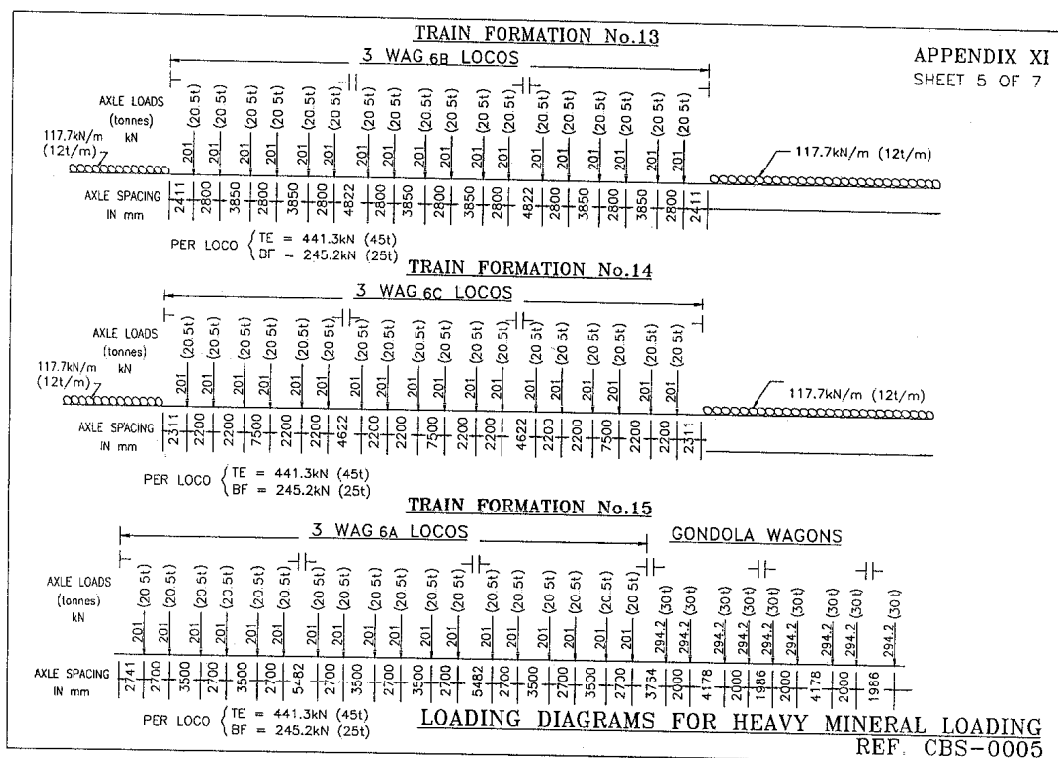


別添資料 図 7- 16 列車荷重(Loading Scheme)

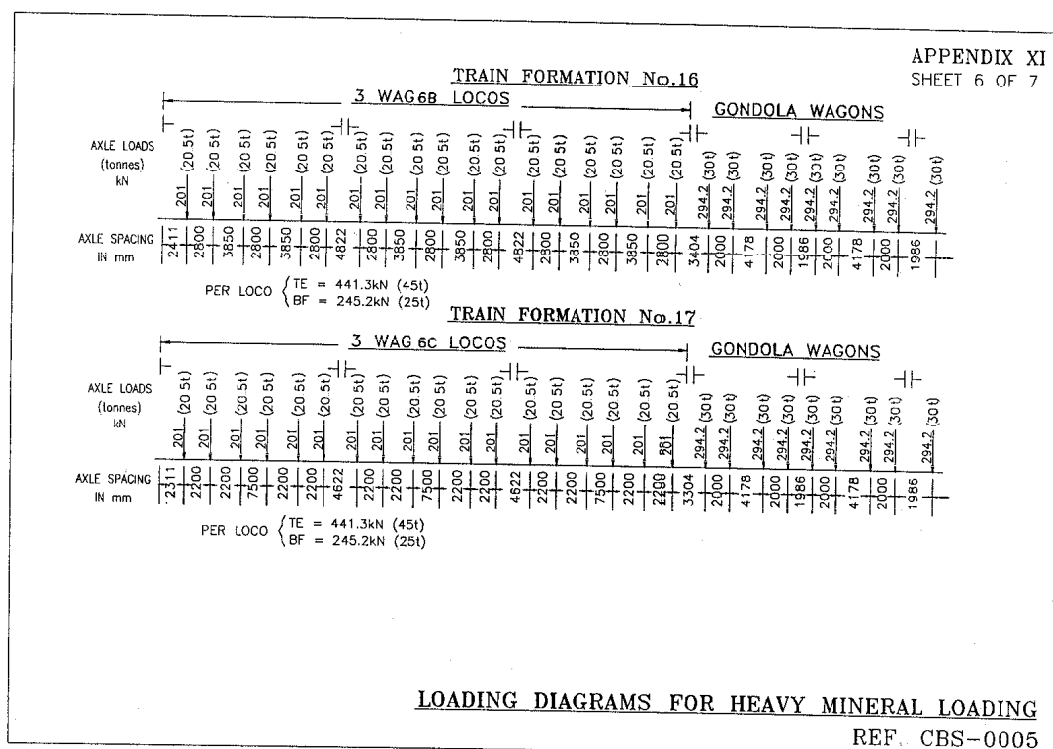


別添資料 図 7- 17 列車荷重(Loading Scheme)



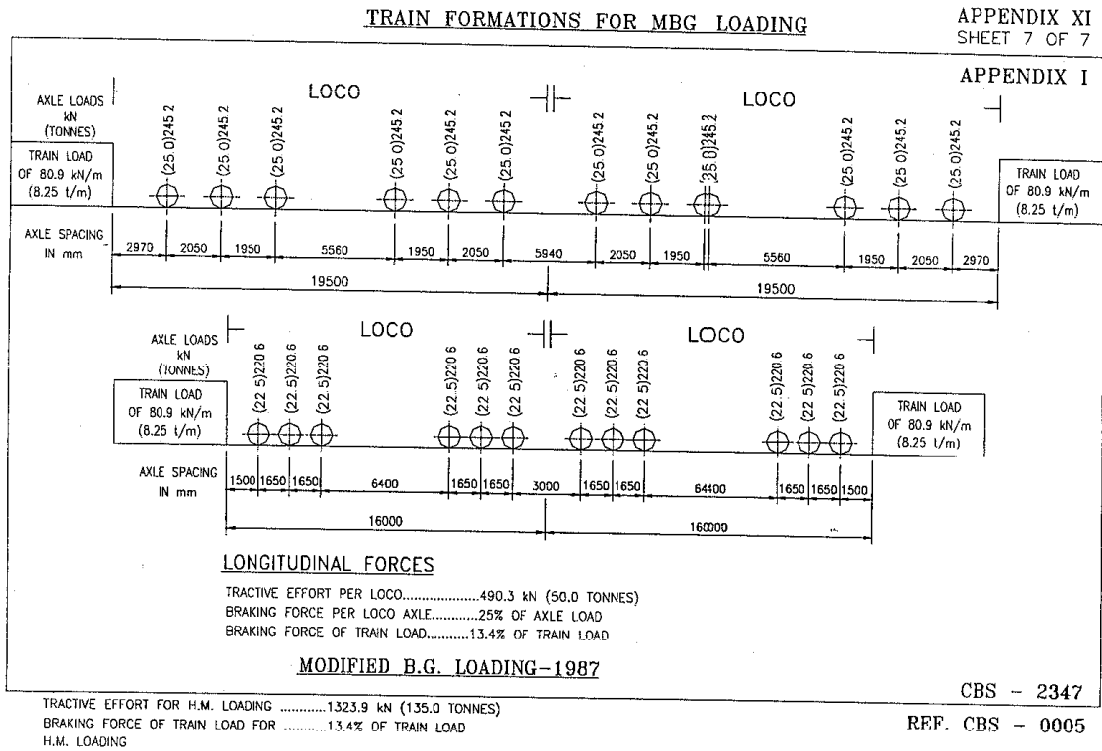


別添資料 図7-20 列車荷重(Loading Scheme)

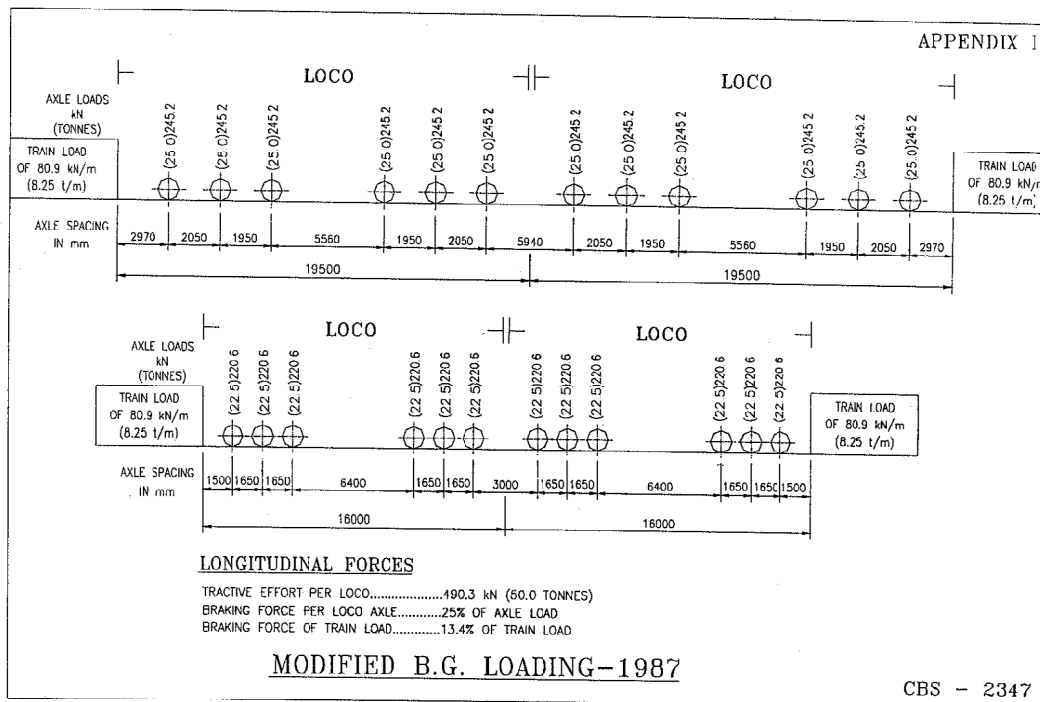


別添資料 図7-21 列車荷重(Loading Scheme)

インド国幹線道路貨物鉄道輸送力強化計画調査  
 予備調査/事前調査報告書  
 第7章 別添資料

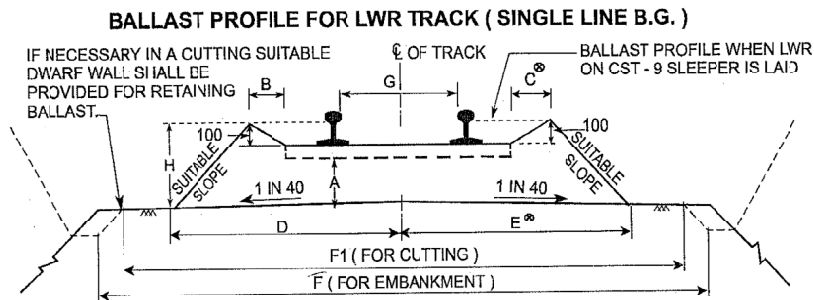


別添資料 図7- 22 列車荷重(Loading Scheme) 1987年版改良プロトゲージ(BG)ローディング



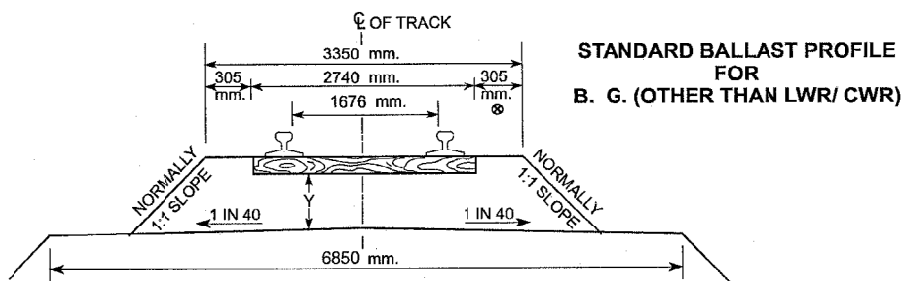
別添資料 図7- 23 列車荷重(Loading Scheme) 1987年版改良プロトゲージ(BG)ローディング

バラスト



G Gauge	Type of Sleeper	A	B	C*	D	E*	F	F1	H	Quantity of Ballast per meter m		Remarks	
										Straight Track	Curved Track		
1676 mm	Wooden	250 300 †	350 " " " "	500 " " " "	2,270 " " " "	2,420 " " " "	6,850 " " " "	6,250 " " " "	540 590 640	1.682 M <sup>3</sup> 1.782 " " " "	1.646 M <sup>3</sup> 1.853 " " " "	1. The Minimum Clear Stone Ballast cushion below the bottom of sleeper i. e., A-250 mm. 2. For routes where increase in speeds are to be more than 130 Km.p.h. A-300 mm or 200 mm. along with 150 mm of sub-ballast. 3. Suitable dwarf walls shall be provided in case of cuttings, if necessary for retaining ballast. 4. *On outer side of curves only. 5. Gess may be widened where required depending on local conditions and outside of curves. 6. All dimensions are in mm. 7 † 200 over 150 Sub-Ballast.	
	Steel Trough	250 300 †	350 " " " "	500 " " " "	2,280 " " " "	2,430 " " " "	6,850 " " " "	6,250 " " " "	550 600 650	1.762 M <sup>3</sup> 1.962 " " " "	1.827 M <sup>3</sup> 2.035 " " " "		
	PRC	250 300 †	350 " " " "	500 " " " "	2,360 " " " "	2,510 " " " "	6,850 " " " "	6,250 " " " "	630 680 730	1.954 M <sup>3</sup> 2.158 " " " "	2.032 M <sup>3</sup> 2.243 " " " "		
	2 Block	250 300 †	350 " " " "	500 " " " "	2,360 " " " "	2,510 " " " "	6,850 " " " "	6,250 " " " "	630 680 730	2.110 M <sup>3</sup> 2.314 " " " "	2.193 M <sup>3</sup> 2.405 " " " "		
	"	"	"	"	"	"	"	"	"	"	"		"
	"	"	"	"	"	"	"	"	"	"	"		"
	"	"	"	"	"	"	"	"	"	"	"		"
	"	"	"	"	"	"	"	"	"	"	"		"

別添資料 図 7- 24 ブロードゲージの LWR 用のバラストプロファイル



**RECOMMENDED DEPTHS OF BALLAST AND BALLAST REQUIREMENTS FISH-PLATED TRACK**

Group	Recommended Depth of Ballast Cushion Y	Quantity of Ballast Required/Metre	
		On Straight and Curves of Radius Flatter than 600 M	Curves of Radius Sharper than 600 M
A	300 mm.	1.588M <sup>3</sup>	1.634 M <sup>3</sup>
B & C	250 mm.	1.375M <sup>3</sup>	1.416 M <sup>3</sup>
D	200 mm.	1.167M <sup>3</sup>	1.202 M <sup>3</sup>
E	150 mm.	0.964M <sup>3</sup>	0.998 M <sup>3</sup>

Note :

- (1) In the case of ordinary fish-plated track : \* To be increased on the outside of curves to 400 mm. in the case of curves sharper than 600M. radius.
- (2) in short welded panel Track \* To be increased to 400 mm. on outside of all curves, flatter than 875m radius and to 450mm. in the case of curves sharper than 875m. radius.
- (3) \*To be increased to 550 mm. on the outside of turn in curves of turn-outs in passenger yards.
- (4) In the case of S. W. R. track, the minimum depth of cushion shall be 200 mm.

別添資料 図 7- 25 ブロードゲージの LWR 及び CWR 以外のバラストプロファイル