

**GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
(RAILWAY BOARD)**

\*\*\*\*\*

No. 2004/CE-II/CS/1

New Delhi, dt. .05.2005.

**Principal Chief Engineers/Chief Engineers**

CR, ER, ECR, ECoR, NR, NCR, NER, NFR, NWR, SR, SCR, SER, SECR, SWR, WR, WCR and Metro Railway/Kolkata.

**The General Manager (Const.), N.F.Railway, Guwahati.**

**The CAO/Const. All Indian Railways.**

**The CAO/Const., Metro Railway, Mumbai & Chennai.**

**Managing Director, Konkan Railway Corporation Ltd, Rail Bhawan, New Delhi.**

**Managing Director, IRCON, New Delhi.**

**Managing Director, RITES, New Delhi.**

**Managing Director, DMRC, N.B.C.C. Building, Pragati Vihar, New Delhi.**

**Managing Director, CONCOR, New Delhi.**

**The Chief Project Officer, DMRC, Pragati Vihar, New Delhi.**

**Director, IRICEN, Pune.**

**Director, IRIEEN, Nasik.**

**Director, IRISSET, Secunderabad.**

**Director, IRIMEE, Jamalpur.**

**Director, IRITM, Vill. Kanausi, Hardoi, Manik Nagar, Lucknow.**

**Director General, Railway Staff College, Vadodara.**

**FA & CAO, All Indian Railways.**

**The Director General (Track), RDSO/Alambagh, Lucknow.**

**Chief Commissioner of Railway Safety, Lucknow.**

**Genl. Secy., AIRF, Rail Bhavan.**

**Genl. Secy., NFIR, Rail Bhavan.**

**Genl. Secy., IRPOF, Rail Bhavan.**

**Genl. Secy., FROA, Rail Bhavan.**

**Genl. Secy., AIRPFA, Rail Bhavan.**

**Genl. Secy., DAI (Railways) Rail Bhawan, New Delhi.**

*Sub: Advance Correction Slip No 98 to the Indian Railways Permanent Way Manual -1986 para-202.*

-----

Ministry of Railways (Railway Board) have decided that correction/addition as indicated in the enclosed Advance Correction Slip No.98 dated 17.05.2005, to relevant para of the IRPWM, be made.

Receipt of this letter may please be acknowledged.

**(H.L. SUTHAR)  
Director Civil Engg.(P),  
Railway Board.**

No. 2004/CE-II/CS/1

New Delhi, dt. 17.05.2005.

**Copy to :** CRB, ME, ML, MS, MM, MT, FC, Secretary.

AM(CE), AM(W), AM(Budget), AM(Elect.), AM(Fin.), AM(Sig.), AM(Plg.), AM(MS), AM(Mech.), AM(PU.), AM(Tele.), AM(Traffic), Adv.(Vig.), Ad.(L&A).

EDF(X)-II, ED(Safety), EDCE(P), ED(Works), EDV(E), ED(Proj.), ED(DMRC), EDTK(M), EDTK(MC), EDTK(P), EDCE(G), EDCE(B&S), ED/L&A.

OSD(ME), DTK(MC), DTK(M), Dir.(Works) I & II, DLM, DCE(B&S), DVE-I & DVE-II, IPWE(I).

-----

**INDIAN RAILWAYS PERMANENT WAY MANUAL 1986 - ( Second Reprint 2004)**  
**ADVANCE CORRECTION SLIP NO. 98 DATED 17.05.05**

The existing para 202 (1) of Indian Railways Permanent Way Manual may be modified to read as under:-

**Para 202. Classification of Lines -**

(1) Broad Gauge - The BG lines have been classified into seven groups 'A' to 'E' on the basis of the future maximum permissible speeds as under-

Group 'A' - Speeds upto 160km./hour:

- (i) New Delhi to Howrah – Rajdhani Route (via the Grand Chord and Howrah-Burdhwan Chord).
- (ii) New Delhi to Mumbai Central (Frontier Mail Route).
- (iii) New Delhi to Chennai Central (Grand Trunk Route).
- (iv) Howrah – Nagpur-Mumbai CST.

Group 'B' - Speeds upto 130 km./hour:

- (i) Allahabad-Katni-Jabalpur-Itarsi-Bhusaval.
- (ii) Kalyan-Pune-Daund-Wadi-Secunderabad-Kazipet.
- (iii) Kharagpur-Waltair-Vijayawada.
- (iv) Wadi-Raichur-Arakkonam-Chennai Central.
- (v) Howrah-Bandel-Barddhaman.
- (vi) Khanna-Barharwa-Farakka Bridge-Malda Town.
- (vii) Sitarampur-Madhupur-Kiul-Patna-Mughal Sarai.
- (viii) Kiul-Bhagalpur-Sahibganj-Barharwa.
- (ix) Delhi-Panipet-Ambala Cantt. Kalka.
- (x) Ambala Cantt.-Ludhiana-Pathankot.
- (xi) Ambala Cantt.-Moradabad-Lucknow-Pratapgarh-Mughul Sarai.
- (xii) Arakkonam-Jolarpettai-Salem-Erode-Coimbatore-Ernakulam.
- (xiii) Vadodara-Ahmedabad.
- (xiv) Jolarpettai-Bangalore.
- (xv) Ahmedabad-Ajmer-Jaipur-Bandikui-Rewari-Delhi.
- (xvi) Malda Town-Barsoi-New Jalpaiguri.
- (xvii) Chennai Beach-Dindigul.
- (xviii) Bangalore-Dharmavaram-Gooty.
- (xix) Ghaziabad-Saharanpur.
- (xx) Chennai Beach-Chennai Egmore 3<sup>rd</sup> line

**Annexure 2/1** shows, Group 'A' and 'B' Routes.

Group 'C' - Suburban Sections of Mumbai, Delhi, Chennai and Kolkatta as listed below:

- (i) CSTM-Kalyan-Kasara
- (ii) CSTM-Kalyan-Karjat
- (iii) CSTM-Kurla-Panvel
- (iv) CSTM-Ravali-Mahim-Andheri
- (v) CSTM-Ravali-Kurla
- (vi) Churchgate-Mumbai Central-Borivali-Virar

.....2/-

- (vii) Chennai Central-Basin Bridge-Veysarpadi-Arakonam
- (viii) Chennai Central-Basin Bridge-Washermanpet-Chennai beach-Tambaram
- (ix) Chennai Central-Basin Bridge – Korukkupet – Tondiarpet – Tiruvottiyar - Gummidipundi
- (x) Chennai Beach-Thirumayilai
- (xi) Sealdah-Dumdum-Naihathi-Kalyani-Ranaghat-Krishnanagar
- (xii) Sealdah-Sonarpur-Baruipur
- (xiii) Ballygunj-Budge Budge
- (xiv) Howrah-Dankuni-Saktigarh-Bardhaman
- (xv) Howrah-Bandel-Saktigarh
- (xvi) Seoraphuli-Tarakeshwar
- (xvii) Dumdum-Barasat
- (xviii) Howrah-Panskura-Kharagpur

Group 'D' Spl.- Sections where the traffic density is very high or likely to grow substantially in future and the sanctioned speed is 100 km/h at present. The following routes will fall under this category:-

- (i) Kharagpur-Midnapur-Adra
- (ii) Barkakana-Barwadih-Garwa Road
- (iii) Tundla-Yamuna Bridge
- (iv) Bolangir-Titlagarh
- (v) Gudur-Renigunta
- (vi) Anara-Chandil-Kandra-Sini
- (vii) Anuppur-Shahdol-Katni-Bina
- (viii) Ahmedabad-Viramgam
- (ix) Nagda-Ujjain-Maksi-Bhopal
- (x) Lucknow-Sultanpur-Zaffarabad-Banaras
- (xi) Delhi-Ghaziabad-Hapur-Moradabad
- (xii) Lucknow-Kanpur
- (xiii) Chapra-Hajipur-Barauni
- (xiv) Raipur – Titlagarh - Vizianagram
- (xv) Guntakal-Tornagallu-Hospet
- (xvi) Udhna-Nandurbar-Jalgaon
- (xvii) Gomoh-Chandrapura
- (xviii) Garva Road-Chopan
- (xix) Garva Road-Sone Nagar
- (xx) Barauni-Katihar
- (xxi) Sambalpur-Talcher-Nergundi
- (xxii) Jharsuguda-Bolangir
- (xxiii) Barabanki-Gonda-Gorakhpur-Chhapra
- (xxiv) Champa-Gewra Road
- (xxv) Bilaspur-Anuppur

Group 'D' - Sections where the sanctioned speed is 100km./hr. at present.

- (i) Salem-Byappanhalli
- (ii) Guntur-Donakonda-Guntakal
- (iii) Vikarabad-Parli-Parbhani
- (iv) Vijayawada-Bhimavaram-Nidadavolu
- (v) Secunderabad-Dronachalam

.....3/-

- (vi) Jodhpur-Marwar
- (vii) Diva-Vasai Road
- (viii) Pen-Roha
- (ix) Kumedpur-Katihari Jn
- (x) Rewari-Hissar
- (xi) Kalumna-Nagpur (via Itwari)
- (xii) Kota-Ruthiyai
- (xiii) Bina-Guna-Ruthiyai

Group 'E' Spl. - Sections where traffic density is very high or likely to grow substantially in future and present sanctioned speed is less than 100 km/h, the following routes will fall under this category:

- (i) Panskura-Haldia
- (ii) Talcher-Rajatgarh-Salegaon-Nergundi
- (iii) Cuttack-Paradeep
- (iv) Radhakishorepur-Rajathgarh-Barang
- (v) Kapilas Road-Salegaon
- (vi) Radhakishorepur-Machapur
- (vii) Kirandul-Koraput
- (viii) Rajakharshwan-Dongaposi-Padapahar Barajamda-Gua
- (ix) Bondamunda-Bimlagarh-Barsuan-Kiriburu
- (x) Kandra-Gamharria
- (xi) Marauda-Dallirajhara
- (xii) Urkura-Sarona
- (xiii) Bhojudih-Mohuda G-C
- (xiv) Chandil-Muri-Bokaro-Rajbera
- (xv) Padapahar-Banspani
- (xvi) Barajamda-Bolanikhandan
- (xvii) Muri-Barkakana
- (xviii) Talgoria-Bokaro City
- (xix) Andal-Sainthia
- (xx) Hatia-Muri
- (xxi) Mohuda-Gomoh
- (xxii) Koraput - Kottavalasa
- (xxiii) Koraput-Singapuram Road
- (xxiv) Sambalpur-Angul
- (xxv) Anuppur-Bijuri-Boridand
- (xxvi) Boridand-Bisrampur
- (xxvii) Durg-Marauda
- (xxviii) Londa-Vasco
- (xxix) Dewas-Maksi
- (xxx) Gandhidham-Bhuj
- (xxxi) Dornakal-Bhadrachalam Road-Manuguni and Kerapalli-Singereni Collieries
- (xxxii) Sanathnagar-Maul Ali (by pass line)

Group 'E' - All other Sections and branch lines where the present sanctioned speed shall be less than 100 kmph.

\*\*\*\*\*