

भारत सरकार (GOVERNMENT OF INDIA)
रेल मंत्रालय (MINISTRY OF RAILWAYS)
रेलवे बोर्ड (RAILWAY BOARD)

EF No. 2022/CE-II/CS/IRPWM2020

New Delhi, dated 20.06.2022

The General Managers (Engg.)- 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 General Manager/CORE/Allahabad.

Principal Financial Advisor, All Indian Railways

The CAO/Const. All Indian Railways.

The General Managers (Engg.) – ICF/Chennai, RCF/Kapurthla, DLW/Varanasi, CLW/Chittranjan, Rail Wheel Factory /Yelahanka, Bangalore & DMW/Patiala.

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

Chief Commissioner of Railway Safety, Lucknow.

Managing Director, IRCON, New Delhi.

Managing Director, RITES Bhawan, 1, Leisure Valley Rd, Sector 29, Gurugram, Haryana

Managing Director, DMRC, Metro Bhawan, Barakhamba lane, New Delhi.

Managing Director, CONCOR, New Delhi.

Managing Director, RVNL, August Kranti Bhawan, Bhikaji Cama Place, New Delhi.

Managing Director, DFCCIL, Pragati Maidan, Metro Station, New Delhi.

Managing Director, PIPAVAV Railway Corp. Ltd., 14th Floor, B-Wing, Statesman House 148, Barakhamba Road, Canaught Place New Delhi Central Delhi

Managing Director, MRVC, Church Gate station Building 2nd Floor, Mumbai – 400020.

Managing Director, RLDA, Unit No.702-B, 7th Floor, Konnectus Tower-2, DMRC Building, Ajmeri Gate Deelhi 110002

Managing Director, Konkan Railway Corporation Ltd, Belapur Bhawan, Sector-11, CBD Belapur. Mumbai. Pin - 400614.

Director General, IRICEN, Pune.

Director General, IRIEEN, Nasik.

Director, IRISSET, Secunderabad.

Director, IRIMEE, Jamalpur.

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


Director General, NAIR, Vadodara.

Genl. Secretaries, AIRF, NFIR, IRPOF, FROA, DAI (Railways) Rail Bhawan, New Delhi.

Sub: Correction Slip No. 8 to the Indian Railways Permanent Way Manual 2020.

Ministry of Railways (Railway Board) has decided that correction/addition as indicated in the enclosed Correction Slip No.8 dated 20.06.2022, to relevant para of IRPWM-2020 be made.

Receipt of this letter may please be acknowledged.


(Pradeep Nagar)
Director Civil Engg.(P)
Railway Board

20.06.22

INDIAN RAILWAYS PERMANENT WAY MANUAL 2020
ADDENDUM AND CORRIGENDUM SLIP NO. 8 DATED 20.06.2022

Para 404(1)(d), 405(3) and 425 of Indian Railway Permanent Way Manual 2020 shall be replaced with the following:

Para 404(1) (d)

Maximum Design Cant on curved track shall be as under:

- (i) Broad Gauge –Group ‘A’, ‘B’ and ‘C’ routes- 165 mm

Note–Maximum design cant of 185 mm may be assumed for the purpose of locating all permanent structures etc., by the side of the curves on new constructions and doubling on group ‘A’ routes having potential for increasing the speed in future. The transition length should also be provided on the basis of 185 mm cant for the purpose of planning and layout of the curve.


- (ii) Broad gauge- Group ‘D’ route- 140 mm

Para 405(3)

In cases where ground conditions do not permit provision of the desirable transition length in accordance with the above, the length may be reduced to a minimum of $\frac{2}{3}$ of the desirable length as worked out on the basis of formula (a) and (b) above or $\frac{1}{2}$ of the desirable length as worked out on the basis of (c) above whichever is greater with approval of Chief Track Engineer. This is based on the assumption that a rate of change of cant/cant deficiency will not exceed 55 mm per second and the maximum cant gradient will be limited to 2.8 mm per metre or 1 in 360.

Para 425

The wear of rails of curves having radius of 600 m or less shall be recorded during scheduled curve inspection by SSE/P.Way(Incharge) and JE/SSE/Pway(Sectional) as stipulated in Table-1B of Para 106 and 109. The lateral wear, vertical wear and total loss of section should be recorded and proper record of measurements maintained.


w.06.22

Copy to:-

Sr. PPS/PS to CRB & CEO, MF, MI, M(T&RS), M(O&BD), Secretary.
AM(CE), AM(Works), AM(Budget), AM(Traction), AM(Fin.), AM(Sig.), AM(Plg.),
AM(Mech.Engg.), AM(PU.), AM(Tele.), AM(Traffic), AM(M&BD), AM(T&C), AM(Comml.).

PED(Bridge), PED(Vigilance), PED(Safety), PED(Staff), PEDCE(P), PEDTT(M),
EDTK(M&MC), EDCE(G), EDCE(B&S), ED(L&A), ED /SD & Transf., ED(Works), EDV(E),
ED(Project Monitoring), ED(Safety), EDF(X)I, EDF(X)II, DTK(MC), DTK(M), DTK(P&P),
DCE(B&S), Dir(Works)-I, Dir(Project Monitoring), DVE-I & DVE-II,
