Sub: Degree of curvature for new projects of New Line, Gauge Conversion and Doubling and Level crossing in New Line.

Ref: i) Board’s letter of even number dated 04-05-2018.

Please refer to Board’s above referred letter dated 04-05-2018 in connection with degree of curvature for new projects of New Line, Gauge Conversion and Doubling. In view of earlier issued instructions on the subject vide letter No. 2014/CE-II/TSC/1Pt.-I dated 08-09-2016, the Para (i) may be modified as under:

(i) Except for projects of hilly terrain, new sections may be designed for a speed of 160 kmph with limiting curvature of 1°(one degree).

Regarding level crossing on new line, Board (ME) has decided that

“Introduction of Level Crossing either Manned or Unmanned will require Board’s approval”

Zonal Railways are advised to follow the above guidelines while designing new sections.

(B. K. Gupta)
Exe. Director (Proj. M)
Railway Board