



MAIN LINE AND BRANCH LINES

TRACK SPEED / TYPE	"M" DISTANCE
60 MPH AND ABOVE	500 FEET
40 MPH THRU 59 MPH	300 FEET
39 MPH AND BELOW	150 FEET

YARD AND INDUSTRY TRACKS

DEGREE OF CURVE	MINIMUM TANGENT DISTANCE "M"
7° 30' OR LESS	36 FEET
GREATER THAN 7° 30'	60 FEET

NOTES:

ADJACENT SIDINGS AND RUNNING TRACKS SHALL CONFORM TO THE CRITERIA OF THE MAIN TRACK, REGARDLESS OF THE ALLOWABLE SPEED ON THE SIDING OR RUNNING TRACK

CONNECTIONS TO ADJACENT TRACKS SHALL BE DESIGNED AND CONSTRUCTED AS SHOWN ON STANDARD LAYOUT PLANS FOR MAINLINE TURNOUTS AND CROSSEOVERS.

FOR MAIN AND BRANCH TRACKS, THE POINT OF SWITCH OR POINT OF FROG OF ANY TURNOUT SHALL BE NO CLOSER THAN 200 FEET FROM THE END OF A HORIZONTAL CURVE OR SUPERELEVATION RUNOFF, UNLESS AUTHORIZED BY THE CHIEF ENGINEER.

UNION PACIFIC RAILROAD
ENGINEERING STANDARDS

MINIMUM TANGENT DISTANCE



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