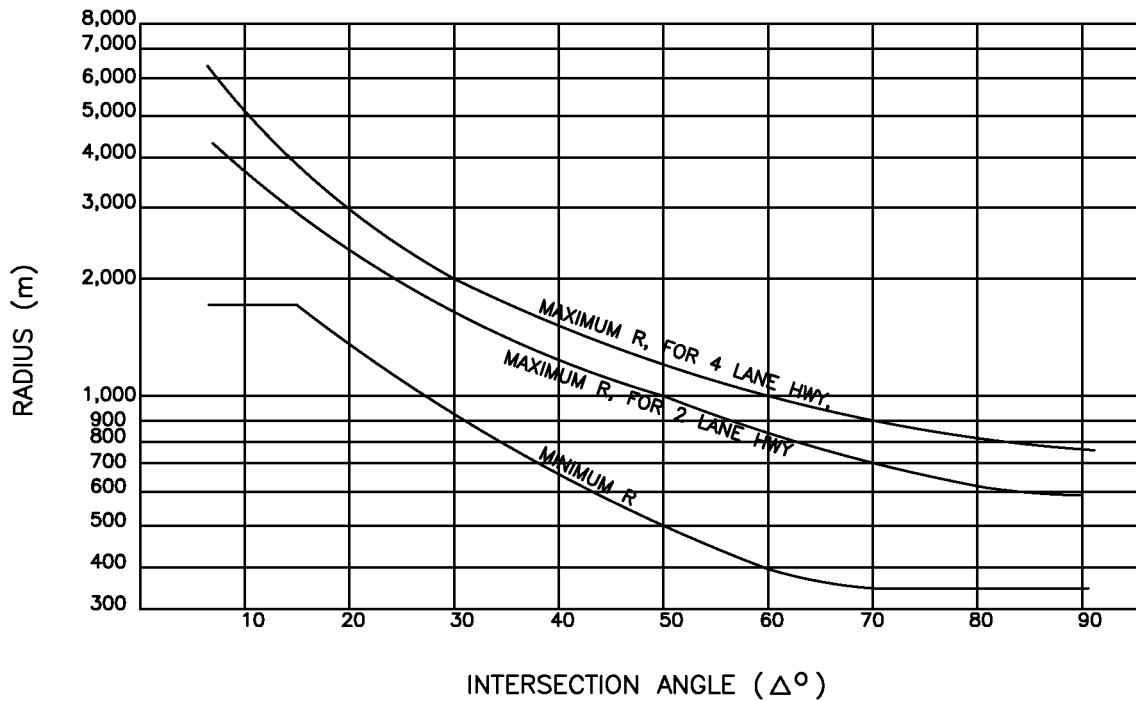


HORIZONTAL CURVES



RADIUS OF CURVE	LENGTHS OF SPIRAL
3,500 – 1,200	40 – 120
1,200 – 900	60 – 160
LESS THAN 900	100 – 220

NOTES:

- Radius of curve is to be selected taking into consideration design speed and factors such as terrain, sight distance, intersections.
- The minimum radius for normal design speed as specified in Standard Plan 20210 would govern, except up to the above minimums could be used where it is necessary to reduce design speed due to rough topography.
- For intersection angles less than $7^{\circ}30'$ –
 - Use Radius from $14000/\Delta$ to $26200/\Delta$ for two-lane highways.
 - Use Radius from $14000/\Delta$ to $43660/\Delta$ for divided highways.
 - Curves are not required for Δ less than $0^{\circ}30'$.
- Spiral transitions are to be used on all superelevated curves.
- The minimum distance between horizontal curves (S.T. to T.S.) should be as follows:
 - Reverse curves – desirable 300 metres, minimum 180 metres.
 - Curves in same direction – 600 metres.



HORIZONTAL CURVES AND SPIRALS FOR RURAL CLASS HIGHWAYS

REVISION HISTORY	DATE	INIT	RECOMMENDED BY:	ORIGINAL SIGNED BY:	04/28/1975	STANDARD PLAN NO	20200
A. Format and Admin Update	05/15/2026	TA	APPROVED BY:	ORIGINAL SIGNED BY:	04/28/1975	SHEET	1 OF 1
				CHIEF ENGINEER			