



INTERSECTION TYPE ROAD "A" TO ROAD "B"	CURB RADIUS R (m)	D (m)
LOCAL TO LOCAL	7.5	3X3
LOCAL TO MINOR COLLECTOR	7.5	3X5
MINOR COLLECTOR TO MINOR COLLECTOR	12.5	5X5
MINOR COLLECTOR TO MAJOR COLLECTOR	12.5	5X7
MINOR COLLECTOR TO ARTERIAL	12.5	5X10
MAJOR COLLECTOR TO MAJOR COLLECTOR	12.5	7X7
MAJOR COLLECTOR TO ARTERIAL	12.5	7X10
ARTERIAL TO ARTERIAL	15.0	10X10
INDUSTRIAL TO INDUSTRIAL	18.0	10X10
INDUSTRIAL TO MAJOR COLLECTOR	18.0	10X7
INDUSTRIAL TO ARTERIAL	18.0	10X10

\*\*\* FOR INTERSECTIONS OF LANEWAYS, DAYLIGHTING AND CURB RADII REQUIREMENTS FOR LOCAL ROADS SHALL APPLY.

NOTES:

1. CURB RADII IN TABLE ARE FROM 90-DEGREE INTERSECTIONS. OTHER INTERSECTION ANGLES WILL REQUIRE DIFFERENT RADII TO ACCOMMODATE THE SAME DESIGN VEHICLE
2. ROAD TO INTERSECT AT ANGLES ACCORDING TO TABLE 3 - GEOMETRIC DESIGN DETAILS IN THE TRANSPORTATION DESIGN MANUAL.
3. DESIGN CRITERIA TO CONFORM WITH MTO DOCUMENT GEOMETRIC DESIGN STANDARDS FOR ONTARIO HIGHWAYS (METRIC).
4. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN.



DAYLIGHTING REQUIREMENTS

REV No. DATE: APR 2023

3 SCALE: N.T.S.

R323