

In an urban environment, right of way is often extremely limited and in many cases it is not practical to establish a full width clear zone using the guideline in the Roadside Design Guide.*

ROADWAYS WITH CURB

High-Speed Roadways with curb

For roadways with design speeds of ≥ 80 km/h, curb should ONLY be utilized in special situations. These situations may include, but are not limited to the following:

- Drainage considerations
- Need for access control
- Right of way restrictions

Source: AASHTO Green Book, Chapter 4

When necessary to utilize curb on a roadway with a design speed ≥ 80 km/h for one of the situations listed above, the minimum lateral offset distance is 0.5m measured from the face of curb. However, consideration should be given to providing more than the minimum lateral offset to obstructions (signs, utility poles, luminaire supports, fire hydrants, etc. including breakaway devices), where practical, by placing fixed objects behind the sidewalk. See Figure A-2-1, Case 3.

Low-Speed Roadways with curb

When curb is utilized on urban roadways with design speeds of ≤ 70 km/h, the minimum lateral offset distance is 1.5 feet measured from the face of curb. See Figure A-2-1, Case 3.

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