



# Raised Crosswalk



## DESCRIPTION

- Raised crosswalks are ramped speed tables that span across the width of the roadway and typically 3 to 6 inches above road grade.
- Raised crosswalks are marked as a pedestrian crossing.
- Raised crosswalks make the pedestrian more visible in a driver's field of vision and allows the pedestrian to cross at the same level as the sidewalk.
- Raised crosswalks reduce vehicle speeds and enhance pedestrian's crossing experience.

## CONTEXT

- Raised crosswalks are often installed in campus settings, shopping centers, and pick-up/drop-off zones like airports, schools, and transit centers.
- Raised crosswalks are often used with other crosswalk visibility enhancements.
- Raised crosswalks are often used as a traffic calming device and often with curb extensions.
- Raised crosswalks may be used for midblock crossings to bring attention to the crossing, but are also often used at entrances to commercial and private drives.
- Typically, raised crosswalks add less than 5 seconds to an emergency vehicle's response time. The safety impacts of this minor delay must be weighed against the safety benefits of this treatment to reduce risk of serious pedestrian injury or fatality.

## BENEFITS

- ✓ **Improved pedestrian safety**
- ✓ **Improved comfort**
- ✓ **Traffic calming**
- ✓ **Safer speeds**



## POLICY AND DESIGN GUIDANCE

- Raised crosswalks are on average 10-feet wide but conform to the desired width.
- Raised crosswalks are 3 to 6 inches above road grade.
- Raised crosswalk may be constructed flush with adjacent curb or with pedestrian ramps on both the curb and raised crosswalk.
- Crossings must be fully accessible for those with visual or physical disabilities. Curb ramps and truncated domes that are in compliance with the American with Disabilities Act are added to crossings to make them accessible.
- Raised crosswalks may be installed on two- or three-lane roads with a speed limit of 30 miles per hour (mph) or less and an annual average daily traffic (AADT) below 9,000.
- When designing for raised crosswalks, it is important to consider the impacts on drainage and snowplowing.
- Raised crosswalks, on average, cost \$5,000 to \$8,000.

## RESOURCES

Treatment applications and general design guidance:

[MUTCD](#)

[FHWA](#)

[VDOT Road Design Manual](#)

[Virginia Supplement to the MUTCD](#)

General guidance:

[Traffic Calming Guide for Neighborhood Streets](#)

Guidelines are provided for informational purposes only. For detailed design guidance, please refer directly to design manuals and standards.

For more information on **Raised Crosswalks** and other bicycle and pedestrian treatments, visit [virginiadot.org/programs/bikeped/bicycle\\_and\\_pedestrian\\_treatments.asp](http://virginiadot.org/programs/bikeped/bicycle_and_pedestrian_treatments.asp)

