



# Install a Raised Intersection

*An elevated area encompassing the entire intersection that includes ramps on all approaches. Stamped concrete or other textured and colored materials are often installed within its limits. The height of the intersection typically matches the sidewalk (i.e., back of curb) adjacent to the intersection. This treatment is typically used as part of an overall traffic calming program and where there is a high concentration of pedestrians.*

## Targeted Crash Types

- Pedestrian
- Bicyclist

## Problems Addressed

- Speeding
- Vehicle conflicts with non-motorists

## Conditions Addressed

- Crash history or observed conflicts related to speeding on approach to the intersection.
- Crash history or observed conflicts between vehicles and crossing pedestrians and/or bicyclists.
- High volume of crossing pedestrians and/or bicyclists at the intersection.

## Considerations

- This treatment is typically applied in urban or residential settings.
- Do not use if intersection is on a sharp curve or steep grade.
- The raised intersection can be disruptive to large vehicles and may slow emergency response vehicles.
- Due to the crosswalk raised to the level of the curb, additional treatments should be placed to accommodate persons with vision impairments, including, tactile warning strips along the entire interface of the walkway and the street.
- Special considerations are needed for drainage.
- Special considerations are needed for snowplows; for example, placing a flexible delineator post at each change in elevation can signal to snowplow operators that they should lift their blades.

## Other Resources

[Raised Pedestrian Crossing, PEDSAFE](#)  
[Pennsylvania's Traffic Calming Handbook, Pennsylvania DOT](#)  
[Traffic Calming Library, ITE](#)

## Select Examples

[Granite St. & Pearl St., Cambridge, MA](#)  
[Clematis St. & Narcissus Ave., West Palm Beach, FL](#)

